# Aprimo Marketing Studio 8.7

**Integration Workbench Reference Guide**

# Contents

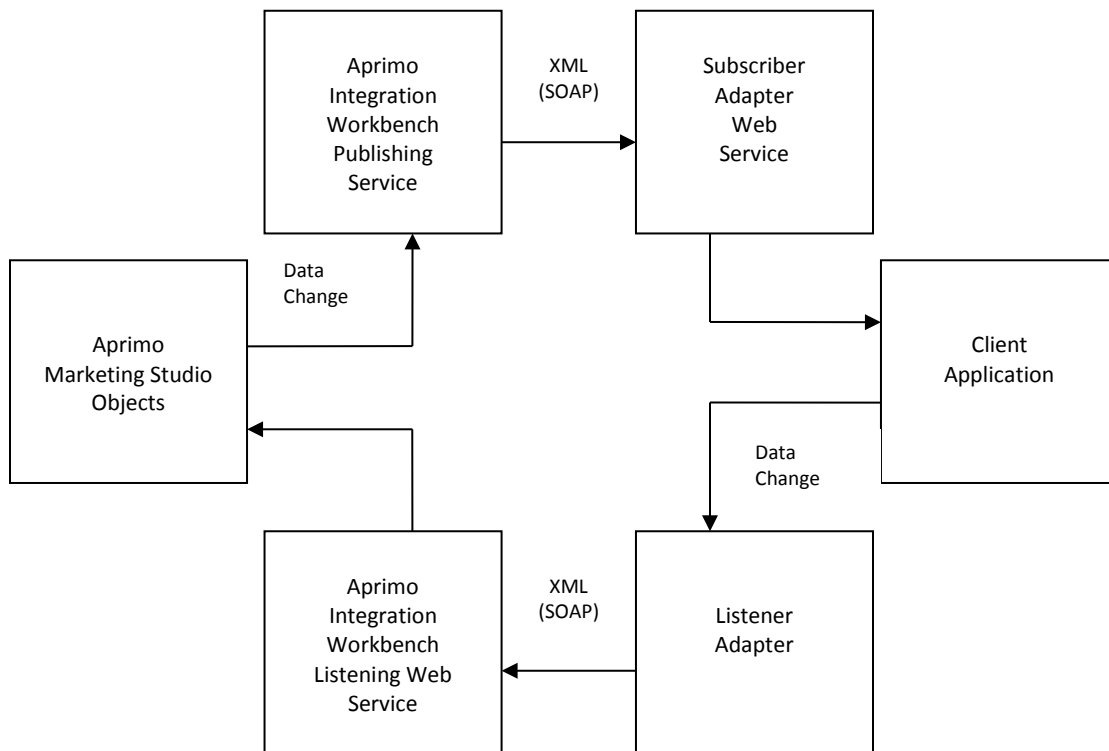# 1. Integration Workbench Overview

The Integration Workbench is a tool that acts as a bridge between Aprimo Marketing Studio and other applications. The use of Web Services and universal Extensible Markup Language (XML) data constructs allows the Integration Workbench to communicate with another system regardless of these items:

- Platform
- Language
- Location
- Database

The Integration Workbench supports real-time, two-way communication and is fully configurable. It is useful when multiple applications contain the same data.

**Example**

Information about audience members is stored in Aprimo Marketing Studio. The same people are stored as sales people in a sales force automation system. Because the data is the same it can be entered into 1 application and automatically entered into the other application using the Integration Workbench.

```
┌──────────────┐                ┌──────────────┐
│   Aprimo     │   XML          │  Subscriber  │
│ Integration  │  (SOAP)        │   Adapter    │
│  Workbench   │ ────────────▶  │     Web      │
│  Publishing  │                │   Service    │
│   Service    │                │              │
└──────────────┘                └──────────────┘
       ▲                                │
       │ Data                           ▼
       │ Change                  ┌──────────────┐
┌──────────────┐                 │              │
│   Aprimo     │                 │    Client    │
│  Marketing   │                 │  Application │
│   Studio     │                 │              │
│   Objects    │ ◀──             └──────────────┘
│              │                        │
└──────────────┘                        │ Data
       ▲                                │ Change
       │                                ▼
┌──────────────┐   XML          ┌──────────────┐
│   Aprimo     │  (SOAP)        │              │
│ Integration  │                │   Listener   │
│  Workbench   │ ◀────────────  │   Adapter    │
│ Listening Web│                │              │
│   Service    │                │              │
└──────────────┘                └──────────────┘
```

**Note**

There are no changes to the Integration Workbench functionality for Aprimo Marketing Studio 8.7.

# 2. Dependencies

For the Integration Workbench to function properly, ensure these conditions are met:

- The Microsoft .NET Framework version 4 is installed on each server that will run the Integration Workbench Publishing Service or associated adapters, or that will host the Integration Workbench Listener or associated adapters.

- If the Integration Workbench Listener will be used, the XMLListener folder is configured as a Web share.

- If the Integration Workbench Publishing Service will be used, it is enabled by registering the service on the hosting server and enabling it in the Integration Workbench modules in Aprimo Tools.

For instructions, see the Aprimo Marketing Studio Installation Guide.

# 3. Integration Workbench Clients

Configure at least 1 client to use the Integration Workbench Listener or Publisher. You define Integration Workbench Clients in Aprimo Marketing Studio → Aprimo Tools → Integration Workbench. Client information is divided into 3 components:

- Client Details
- Client Interfaces
- Client Subscriptions

**Note**
The details of the Integration Workbench need to be configured only once. You access the details only when a change is required. For more information, see the Aprimo Marketing Studio Help.

## Client Details

The Client Details section contains security information including Client ID and Access Key. These values are generated when you create a client, and are required arguments for all interactions with the Integration Workbench Listener.

If you use the Publisher Service, specify the URI of the Publisher Adapter in the client details. For more information, see chapter 6, Adapters.

## Client Interfaces

Configure client interfaces when the Integration Workbench Listener will be used. Client interfaces identify the Aprimo Marketing Studio objects and fields to expose to the Integration Workbench Listener, and the permissions to those objects and fields. Create a separate interface for each Aprimo Marketing Studio object to expose to the Listener through a given client.

## Client Subscriptions

Client subscriptions are the Integration Workbench Publisher's equivalent to client interfaces. Configure client subscriptions only when the Integration Workbench Publisher will be used. Client subscriptions identify the Aprimo Marketing Studio objects and fields to be published and when they will be published. Create a separate subscription for each Aprimo Marketing Studio object to expose to the Publisher through a given client.

# 4. Integration Workbench Listener

The Integration Workbench Listener is a Web Service that enables external applications to interact with Aprimo Marketing Studio objects and data. Before you can use the Integration Workbench Listener, configure a client and an interface. For more information, see chapter 3, Integration Workbench Clients. Before you configure a client or an interface, you might need to create adapters outside of the application. For more information, see chapter 6, Adapters, or contact Aprimo Customer Support.

## Object Types

The Integration Workbench Listener supports these Aprimo Marketing Studio object types:

| Object Type | ObjectTypeID Value |
|---|---|
| Accounting Integration | 10283 |
| Activities | 1 |
| Activity Audience Members | 37 |
| Activity Cells | 10100 |
| Attachments | 6214 |
| Audience Members | 9 |
| Brands | 10065 |
| Calendar Items | 6069 |
| Clients | 10056 |
| Commitments | 6135 |
| Companies | 35 |
| Currency Codes | 6025 |
| Currency Exchange Rates | 10270 |
| Digital Assets | 39 |
| Distribution Groups | 6120 |
| Expense Categories | 6171 |
| Form Response History | 6206 |
| Funding Accounts | 10235 |
| History Records | 6435 |
| Households | 36 |
| Incentives | 10121 |
| Invoices | 6 |
| Journal Vouchers | 10345 |
| Leads | 6280 |
| Notes | 6202 |
| Offers | 9709 |
| Participants | 8 |
| Products | 6275 |
| Programs | 2 |
| Projects | 9952 |

| Object Type | ObjectTypeID Value |
|-------------|--------------------|
| SQL Query | 6219 |
| Suppliers | 11 |
| Tasks | 9963 |
| Treatments | 9711 |
| Users | 12 |
| User Roles | 9944 |

## Listener Methods

The Integration Workbench Listener Web Service provides these methods that enable interaction with Aprimo Marketing Studio objects and data.

| Method Name | Description |
|-------------|-------------|
| Process | Performs various Integration Workbench actions. For more information, see the Process Methods section. |
| GetAprimoKey | Returns a single Aprimo ID record corresponding to a similar record in another system. |
| GetAprimoKeys | Returns multiple Aprimo ID records corresponding to similar records in another system. |
| SetAprimoKey | Stores the Aprimo ID of a single record corresponding to a similar record in another system, including the ID of the associated external record. |
| SetAprimoKeys | Stores the Aprimo IDs of multiple records corresponding to similar records in another system, including the IDs of the associated external records. |
| StatusMessage | Allows Publisher Adapters to log errors into the application. |

## Listener Method Arguments

Each Listener method accepts arguments.  These arguments are common across all Integration Workbench Listener methods.

| Argument Name | Data Type | Description |
|---------------|-----------|-------------|
| ClientID | Numeric | Generated in the application when a client is created. It is used with the AccessKey value to authenticate the client system. |
| AccessKey | String | Generated in the application when a client is created. It is used with the ClientID value to authenticate the client system. |
| DSN | String | The name of the Aprimo Marketing Studio data source to be referenced in the request. |
| Domain_ID | Numeric | The ID of the Aprimo Marketing Studio domain to be referenced in the request. |

The other argument for Process, GetAprimoKeys, and SetAprimoKeys is:

| Argument Name | Data Type | Description |
| --- | --- | --- |
| XMLData | XML String | Contains specific request information. It can contain a single request to be performed on a single record or multiple requests to be processed in batch mode against multiple records. |

The other arguments for GetAprimoKey are:

| Argument Name | Data Type | Description |
| --- | --- | --- |
| ObjectTypeID | Numeric | Aprimo Marketing Studio object ID |
| KeyID | Numeric | Known record ID |
| KeyType | Numeric | The record ID type that you provide (specified by the KeyID argument). Aprimo Marketing Studio = 1; External = 2 |

The other arguments for SetAprimoKey are:

| Argument Name | Data Type | Description |
| --- | --- | --- |
| ObjectTypeID | Numeric | Aprimo Marketing Studio object ID |
| AprimoID | Numeric | Aprimo Marketing Studio record ID |
| ExternalID | String | External record ID |

The other arguments for StatusMessage are:

| Argument Name | Data Type | Description |
| --- | --- | --- |
| SubscriptionID | Numeric | Your client's subscription ID |
| Message | String | Error message |
| Status | String | Error details |
| Comment | String | Any additional information about the error |

## Integration Workbench Listener Message Structure

The Integration Workbench Listener requests that accept the XMLData argument share a common structure.

| Request Details | XML Structure |
|---|---|
| The <Object> node name is case sensitive.<br><br>The RequestID attribute value should be a unique identifier for each <Object> node in the XML Request.<br><br>The ObjectTypeID attribute corresponds with one of the supported object type codes listed in the Object Types section of this document.<br><br>The list of valid ActionID values are in the Action Types section of this document.<br><br>The <RecordID> node name is case sensitive. It is not required when performing Add, Merge, or Get requests. It stores the primary key value of the record being processed. | `<?xml version="1.0" encoding="utf-8" standalone="yes" ?>`<br>`<Request>`<br>    `<DataObjects>`<br>       `<Object>`<br>       `</Object>`<br>    `</DataObjects>`<br>`</Request>` |

All Integration Workbench Listener responses share a common structure.

| Response Details | XML Structure |
|---|---|
| The RequestID attribute value accurately matches Request <Object> nodes to the corresponding Response <Object> nodes.<br><br>The ObjectTypeID and ActionID attribute values reflect the specified Request parameters. They are for reference use only.<br><br>An ErrorID value of 0 indicates that the request was processed successfully; any other value indicates the request failed. If an error was encountered, the <ErrorText> and <ErrorInfo> nodes would contain error details along with any specific processing information that may have led to the error.<br><br>The <RecordID> node contains the primary key value of the record that was processed. | `<?xml version="1.0" encoding="utf-8" standalone="yes" ?>`<br>`<string xmlns="http://aprimo.com/">`<br>`<Response>`<br>    `<DataObjects>`<br>       `<Object RequestID="x" ObjectTypeID="y" ActionID="z">`<br>         `<Error>`<br>           `<ErrorID>0</ErrorID>`<br>           `<ErrorText></ErrorText>`<br>           `<ErrorInfo></ErrorInfo>`<br>         `</Error>`<br>         `<ResultData>`<br>           `<RecordID AprimoName=""></RecordID>`<br>           `[object specific field values]`<br>           `.`<br>           `.`<br>         `</ResultData>`<br>       `</Object>`<br>    `</DataObjects>`<br>`</Response>`<br>`</string>` |

## Process Method

The Process method of the Integration Workbench Listener performs multiple Integration Workbench actions.

> **Note**
>
> When you add, modify, or delete an Aprimo Marketing Studio object using the Process method, and a Subscription for the same object type is configured on the same Client, the database modification is not processed by the Publisher.

### XML Attributes

The <Object> element of the XMLData argument allows a number of attributes that define how the request will be processed.

| Attribute | Description | Required |
|---|---|---|
| Request ID | Unique ID to recognize this object element from other object elements in a given request. | Yes |
| ObjectTypeID | The Aprimo Marketing Studio object type ID representing the object being processed. | Yes |
| ActionID | The Aprimo Marketing Studio action ID corresponding to one of the supported process action types. | Yes |
| PageNumber | For a Get action, the starting page number to return for the result set. | No |
| MaxCount | For a Get action, the number of records to return for the result set. | No |

### Action Types

These are the values for the ActionID attribute that is described in the previous table. Details for each Action Type are in the sections that follow.

| Name | Value | Description |
|---|---|---|
| Add | 1 | Adds records to the application database. |
| Edit | 2 | Edits records in the application database. |
| Merge | 16 | Attempts to edit matching records in the application database. If a matching record cannot be found, a new record is added. Not all object types support the merge method. |
| Delete | 4 | Deletes records from the application database. |
| Get | 40 or 8 | Returns individual object records or collections of object records from the application database. |
| Select | 64 | Returns rows of records that match the SQL query. |
| Insert | 128 | Inserts records into the application database based on the SQL query. |
| Any Query | 256 | Executes any SQL query. |

**Add**

The Add action type adds new records to the application database.

| Attributes | Details | Examples |
|---|---|---|
| Arguments | ClientID: ID of the Integration Workbench Client<br><br>AccessKey: client identification token<br><br>DSN: name of the data source to be referenced<br><br>DomainID: ID of the domain to be referenced<br><br>XMLData: specific request information | `<?xml version="1.0" encoding="utf-8" standalone="yes" ?>`<br>`<Request>`<br>`    <DataObjects>`<br>`        <Object RequestID="x" ObjectTypeID="y" ActionID="1">`<br>`            [object specific field values]`<br>`            .`<br>`            .`<br>`        </Object>`<br>`    </DataObjects>`<br>`</Request>` |
| Return Value | String: XML containing the Aprimo ID(s) of the added records. | `<?xml version="1.0" encoding="utf-8" standalone="yes" ?>`<br>`<string xmlns="http://aprimo.com/">`<br>`<Response>`<br>`    <DataObjects>`<br>`        <Object RequestID="x" ObjectTypeID="y" ActionID="1">`<br>`            <Error>`<br>`                <ErrorID>0</ErrorID>`<br>`                <ErrorText></ErrorText>`<br>`                <ErrorInfo></ErrorInfo>`<br>`            </Error>`<br>`            <ResultData>`<br>`                <RecordID AprimoName="xxx"></RecordID>`<br>`            </ResultData>`<br>`        </Object>`<br>`    </DataObjects>`<br>`</Response>`<br>`</string>` |

**Edit**

The Edit action type enables you to edit records in the Application database.

| Attributes | Details | Examples |
|---|---|---|
| Arguments | ClientID: ID of the Integration Workbench Client<br><br>AccessKey: client identification token<br><br>DSN: name of the data source to be referenced<br><br>DomainID: ID of the domain to be referenced<br><br>XMLData: specific request information | `<?xml version="1.0" encoding="utf-8" standalone="yes" ?>`<br>`<Request>`<br>`    <DataObjects>`<br>`        <Object RequestID="x" ObjectTypeID="y" ActionID="2">`<br>`            <RecordID></RecordID>`<br>`            [object specific field values]`<br>`            .`<br>`            .`<br>`        </Object>`<br>`    </DataObjects>`<br>`</Request>` |
| Return Value | String: XML containing return codes for the edited records | `<?xml version="1.0" encoding="utf-8" standalone="yes" ?>`<br>`<string xmlns="http://aprimo.com/">`<br>`<Response>`<br>`    <DataObjects>`<br>`        <Object RequestID="x" ObjectTypeID="y" ActionID="2">`<br>`            <Error>`<br>`                <ErrorID>0</ErrorID>`<br>`                <ErrorText></ErrorText>`<br>`                <ErrorInfo></ErrorInfo>`<br>`            </Error>`<br>`            <ResultData>`<br>`                <RecordID AprimoName="xxx"></RecordID>`<br>`            </ResultData>`<br>`        </Object>`<br>`    </DataObjects>`<br>`</Response>`<br>`</string>` |

**Merge**

The Merge action type attempts to edit matching records in the Application database. If a matching record is not found, a new record is added.

| Attributes | Details | Examples |
|---|---|---|
| Arguments | ClientID: ID of the Integration Workbench Client<br><br>AccessKey: client identification token<br><br>DSN: name of the data source to be referenced<br><br>DomainID: ID of the domain to be referenced<br><br>XMLData: specific request information | `<?xml version="1.0" encoding="utf-8" standalone="yes" ?>`<br>`<Request>`<br>    `<DataObjects>`<br>        `<Object RequestID="x" ObjectTypeID="y" ActionID="16">`<br>            `<DataSource></DataSource>`<br>            `[object specific field values]`<br>            `.`<br>            `.`<br>        `</Object>`<br>    `</DataObjects>`<br>`</Request>` |
| Return Value | String: XML containing return codes for the edited records and the Aprimo IDs of the added records | `<?xml version="1.0" encoding="utf-8" standalone="yes" ?>`<br>`<string xmlns="http://aprimo.com/">`<br>`<Response>`<br>    `<DataObjects>`<br>        `<Object RequestID="x" ObjectTypeID="y" ActionID="16">`<br>            `<Error>`<br>                `<ErrorID>0</ErrorID>`<br>                `<ErrorText></ErrorText>`<br>                `<ErrorInfo></ErrorInfo>`<br>            `</Error>`<br>            `<ResultData>`<br>                `<RecordID AprimoName="xxx"></RecordID>`<br>            `</ResultData>`<br>        `</Object>`<br>    `</DataObjects>`<br>`</Response>`<br>`</string>` |

**Delete**

The Delete action type deletes records from the Application database.

| Attributes | Details | Examples |
|---|---|---|
| Arguments | ClientID: ID of the Integration Workbench Client<br><br>AccessKey: client identification token<br><br>DSN: name of the data source to be referenced<br><br>DomainID: ID of the domain to be referenced<br><br>XMLData: specific request information | `<?xml version="1.0" encoding="utf-8" standalone="yes" ?>`<br>`<Request>`<br>`    <DataObjects>`<br>`        <Object RequestID="x" ObjectTypeID="y" ActionID="4">`<br>`            <RecordID></RecordID>`<br>`        </Object>`<br>`    </DataObjects>`<br>`</Request>` |
| Return Value | String: XML containing return codes for the deleted records | `<?xml version="1.0" encoding="utf-8" standalone="yes" ?>`<br>`<string xmlns="http://aprimo.com/">`<br>`<Response>`<br>`    <DataObjects>`<br>`        <Object RequestID="x" ObjectTypeID="y" ActionID="4">`<br>`            <Error>`<br>`                <ErrorID>0</ErrorID>`<br>`                <ErrorText></ErrorText>`<br>`                <ErrorInfo></ErrorInfo>`<br>`            </Error>`<br>`            <ResultData>`<br>`                <RecordID AprimoName="xxx"></RecordID>`<br>`            </ResultData>`<br>`        </Object>`<br>`    </DataObjects>`<br>`</Response>`<br>`</string>` |

**Get**

The Get Records action type returns object records from the Application database.

| Attributes | Details | Examples |
|---|---|---|
| Arguments | ClientID: ID of the client system<br><br>AccessKey: client identification token<br><br>DSN: name of the data source to be referenced<br><br>DomainID: ID of the domain to be referenced<br><br>XMLData: specific request information | `<?xml version="1.0" encoding="utf-8" standalone="yes" ?>`<br>`<Request>`<br>    `<DataObjects>`<br>        `<Object RequestID="x" ObjectTypeID="y" ActionID="40">`<br>            `<RecordID></RecordID>`<br>        `</Object>`<br>    `</DataObjects>`<br>`</Request>` |
| Return Value | String: XML containing data for individual object records | `<?xml version="1.0" encoding="utf-8" standalone="yes" ?>`<br>`<string xmlns="http://aprimo.com/">`<br>`<Response>`<br>    `<DataObjects>`<br>        `<Object RequestID="x" ObjectTypeID="y" ActionID="40">`<br>            `<Error>`<br>                `<ErrorID>0</ErrorID>`<br>                `<ErrorText></ErrorText>`<br>                `<ErrorInfo></ErrorInfo>`<br>            `</Error>`<br>            `<ResultData>`<br>                `<RecordID AprimoName="xxx"></RecordID>`<br>                `[object specific field values]`<br>                `.`<br>                `.`<br>            `</ResultData>`<br>        `</Object>`<br>    `</DataObjects>`<br>`</Response>`<br>`</string>` |

**Select**

The Select action type executes a SQL Select statement against the Application database.

| Attributes | Details | Examples |
|---|---|---|
| Arguments | ClientID: ID of the Integration Workbench Client<br><br>AccessKey: client identification token<br><br>DSN: name of the data source to be referenced<br><br>DomainID: ID of the domain to be referenced<br><br>SQL: Select statement to execute | `<Request>`<br>  `<DataObjects>`<br>  `<Object RequestID="1" ObjectTypeID="6219" ActionID="64" PageNumber="1" MaxCount="2">`<br>    `<SQL>`**SELECT * from line_items**`</SQL>`<br>  `</Object>`<br>  `</DataObjects>`<br>`</Request>` |
| Return Value | Result of select query | `<Response>`<br>    `<DataObjects>`<br>      `<Object ObjectTypeID="6219" RequestID="1" ActionID="64">`<br>        `<Error>`<br>          `<ErrorID>0</ErrorID>`<br>          `<ErrorText></ErrorText>`<br>          `<ErrorInfo></ErrorInfo>`<br>        `</Error>`<br>        `<RangeBegin>1</RangeBegin>`<br>        `<RangeEnd>2</RangeEnd>`<br>        `<ResultSet>`<br>          `<Rows>`<br>            `<Row ID="1">`<br>              `<Columns>`<br>                `<Column ID="1"`<br>`Name="LINE_ITEM_ID">1</Column>`<br>                `<Column ID="2"`<br>`Name="NAME">Advertising</Column>`<br>                `<Column ID="3"`<br>`Name="DESCRIPTION"></Column>`<br>                `<Column ID="4"`<br>`Name="SEQUENCE">16</Column>`<br>                `<Column ID="5"` |

| Attributes | Details | Examples |
|---|---|---|
| | | Name="ACTIVE_FLAG">1</Column> <Column ID="6" Name="MODIFIED_USER">1</Column> <Column ID="7" Name="MODIFIED_DATE">11/7/2003 3:28:42 PM</Column> <Column ID="8" Name="SCS_ID">1</Column> <Column ID="9" Name="PARENT_LINE_ITEM_ID"></Column> </Columns> </Row> <Row ID="2"> <Columns> <Column ID="1" Name="LINE_ITEM_ID">2</Column> <Column ID="2" Name="NAME">Printing</Column> <Column ID="3" Name="DESCRIPTION"></Column> <Column ID="4" Name="SEQUENCE">17</Column> <Column ID="5" Name="ACTIVE_FLAG">1</Column> <Column ID="6" Name="MODIFIED_USER">1</Column> <Column ID="7" Name="MODIFIED_DATE">11/7/2003 3:28:42 PM</Column> <Column ID="8" Name="SCS_ID">1</Column> <Column ID="9" Name="PARENT_LINE_ITEM_ID"></Column> </Columns> </Row> </Rows> </ResultSet> </Object> |

| Attributes | Details | Examples |
|---|---|---|
|  |  | </DataObjects><br></Response> |

**Any Query**

The Any Query action type executes any SQL statement against the Application database.

| Attributes | Details | Examples |
|---|---|---|
| Arguments | ClientID: ID of the Integration Workbench Client<br><br>AccessKey: client identification token<br><br>DSN: name of the data source to be referenced<br><br>DomainID: ID of the domain to be referenced<br><br>SQL: statement to execute | &lt;Request&gt;<br>    &lt;DataObjects&gt;<br>        &lt;Object RequestID="1" ObjectTypeID="6219" ActionID="256"&gt;<br>            &lt;SQL&gt;DELETE FROM gw_key_mapping WHERE gw_user_id = 2202 AND object_id = 1 AND external_id = '4yhe'&lt;/SQL&gt;<br>        &lt;/Object&gt;<br>    &lt;/DataObjects&gt;<br>&lt;/Request&gt; |
| Return Value | Number of rows affected by the SQL statement | &lt;Response&gt;<br>    &lt;DataObjects&gt;<br>        &lt;Object ObjectTypeID="6219" RequestID="1" ActionID="128"&gt;<br>            &lt;Error&gt;<br>                &lt;ErrorID&gt;0&lt;/ErrorID&gt;<br>                &lt;ErrorText&gt;&lt;/ErrorText&gt;<br>                &lt;ErrorInfo&gt;&lt;/ErrorInfo&gt;<br>            &lt;/Error&gt;<br>            &lt;ResultSet&gt;<br>                &lt;Result&gt;1&lt;/Result&gt;<br>            &lt;/ResultSet&gt;<br>        &lt;/Object&gt;<br>    &lt;/DataObjects&gt;<br>&lt;/Response&gt; |

**Insert**

The Insert Action Type executes a SQL insert statement against the Application database.

| Attributes | Details | Examples |
|---|---|---|
| Arguments | ClientID: ID of the Integration Workbench Client<br><br>AccessKey: client identification token<br><br>DSN: name of the data source to be referenced<br><br>DomainID: ID of the domain to be referenced<br><br>SQL: Insert statement to execute | `<Request>`<br>`    <DataObjects>`<br>`        <Object RequestID="1" ObjectTypeID="6219" ActionID="128">`<br>`            <SQL>INSERT INTO company_types (company_type_id, encoded_title_id, type_desc, type_activeflag, modified_user, modified_date) VALUES (1001, 71182, 'B2B', 1, 1, TO_DATE('2/10/2004', 'MM/DD/YYYY'))</SQL>`<br>`        </Object>`<br>`    </DataObjects>`<br>`</Request>` |
| Return Value | Number of rows affected by the insert SQL statement | `<Response>`<br>`    <DataObjects>`<br>`        <Object ObjectTypeID="6219" RequestID="1" ActionID="128">`<br>`            <Error>`<br>`                <ErrorID>0</ErrorID>`<br>`                <ErrorText></ErrorText>`<br>`                <ErrorInfo></ErrorInfo>`<br>`            </Error>`<br>`            <ResultSet>`<br>`                <Result>1</Result>`<br>`            </ResultSet>`<br>`        </Object>`<br>`    </DataObjects>`<br>`</Response>` |

## Filtering and Sorting

The Get Records Action Type uses a filter structure to query the object and return the appropriate result. To reduce the size of the result set, use filter items. Result sets can be sorted using sort items.

### Filter Items

The filter structure provides filter items that specify criteria to reduce the result set based on a given attribute. Each filter item contains a field ID (attribute), operator ID, and value. These are the supported operators and corresponding values and examples.

| Operator | Value | Examples |
|---|---|---|
| Equal To | 1 | Filter for audience member with id = 28361:<br><br>```<Object RequestID="1" ObjectTypeID="9" ActionID="8">```<br>    ```<Filter>```<br>        ```<FilterItems>```<br>            ```<FilterItem>```<br>                ```<FieldID>-1</FieldID>```<br>                ```<OperatorID>1</OperatorID>```<br>                ```<Value>28361</Value>```<br>            ```</FilterItem>```<br>        ```</FilterItems>```<br>    ```</Filter>```<br>```</Object>```<br><br>**Note**<br>To filter on audience member id = 28361 or audience member id = 29452, the Value node supports a delimiter to separate multiple values – '~~@~~'. For this example, the XML looks like this:<br><br>```<Object RequestID="1" ObjectTypeID="9" ActionID="8">```<br>    ```<Filter>```<br>        ```<FilterItems>```<br>            ```<FilterItem>```<br>                ```<FieldID>-1</FieldID>```<br>                ```<OperatorID>1</OperatorID>```<br>                ```<Value>28361~~@~~29452</Value>```<br>            ```</FilterItem>```<br>        ```</FilterItems>```<br>    ```</Filter>```<br>```</Object>```<br><br>Most operators support this delimiter. |
| Less Than | 2 | Filter for activities with IDs less than 4000:<br><br>```<Object RequestID="1" ObjectTypeID="1" ActionID="8">```<br>    ```<Filter>```<br>        ```<FilterItems>```<br>            ```<FilterItem>```<br>                ```<FieldID>-401</FieldID>```<br>                ```<OperatorID>2</OperatorID>``` |

| Operator | Value | Examples |
|---|---|---|
| | | ```
                              <Value>4000</Value>
                    </FilterItem>
               </FilterItems>
          </Filter>
</Object>
``` |
| Greater Than | 3 | Filter for activities with IDs greater than 50000:<br><br>```
<Object RequestID="1" ObjectTypeID="1" ActionID="8">
          <Filter>
                    <FilterItems>
                              <FilterItem>
                                        <FieldID>-401</FieldID>
                                        <OperatorID>3</OperatorID>
                                        <Value>50000</Value>
                              </FilterItem>
                    </FilterItems>
          </Filter>
</Object>
``` |
| Less Than or Equal To | 4 | Filter for audience members that have a score less than or equal to 45:<br><br>```
<Object RequestID="1" ObjectTypeID="9" ActionID="8">
          <Filter>
                    <FilterItems>
                              <FilterItem>
                                        <FieldID>-11</FieldID>
                                        <OperatorID>4</OperatorID>
                                        <Value>45</Value>
                              </FilterItem>
                    </FilterItems>
          </Filter>
</Object>
``` |
| Greater Than or Equal To | 5 | Filter for audience members that have a score greater than or equal to 95:<br><br>```
<Object RequestID="1" ObjectTypeID="9" ActionID="8">
          <Filter>
                    <FilterItems>
                              <FilterItem>
                                        <FieldID>-11</FieldID>
                                        <OperatorID>5</OperatorID>
                                        <Value>95</Value>
                              </FilterItem>
                    </FilterItems>
          </Filter>
</Object>
``` |
| Not Equal To | 6 | Filter for suppliers that are not preferred:<br><br>```
<Object RequestID="1" ObjectTypeID="11" ActionID="8">
          <Filter>
                    <FilterItems>
                              <FilterItem>
                                        <FieldID>-1116</FieldID>
``` |

| Operator | Value | Examples |
|---|---|---|
| | | ```
                    <OperatorID>6</OperatorID>
                    <Value>1</Value>
                </FilterItem>
            </FilterItems>
        </Filter>
</Object>
``` |
| Starts With | 7 | Filter for participants whose last name starts with 'sm':<br><br>```
<Object RequestID="1" ObjectTypeID="8" ActionID="8">
        <Filter>
                <FilterItems>
                        <FilterItem>
                                <FieldID>-802</FieldID>
                                <OperatorID>7</OperatorID>
                                <Value>sm</Value>
                        </FilterItem>
                </FilterItems>
        </Filter>
</Object>
``` |
| Contains | 8 | Filter for participants whose first name contains 'jo':<br><br>```
<Object RequestID="1" ObjectTypeID="8" ActionID="8">
        <Filter>
                <FilterItems>
                        <FilterItem>
                                <FieldID>-803</FieldID>
                                <OperatorID>8</OperatorID>
                                <Value>jo</Value>
                        </FilterItem>
                </FilterItems>
        </Filter>
</Object>
``` |
| Is Null | 9 | Filter for invoices where date due is empty:<br><br>```
<Object RequestID="1" ObjectTypeID="6" ActionID="8">
        <Filter>
                <FilterItems>
                        <FilterItem>
                                <FieldID>-168</FieldID>
                                <OperatorID>9</OperatorID>
                                <Value></Value>
                        </FilterItem>
                </FilterItems>
        </Filter>
</Object>
``` |
| Is Not Null | 12 | Filter for invoices where date due is not empty:<br><br>```
<Object RequestID="1" ObjectTypeID="6" ActionID="8">
        <Filter>
                <FilterItems>
                        <FilterItem>
                                <FieldID>-168</FieldID>
``` |

| Operator | Value | Examples |
|----------|-------|----------|
| | | ```<br>                                    <OperatorID>12</OperatorID><br>                                    <Value></Value><br>                            </FilterItem><br>                    </FilterItems><br>            </Filter><br>    </Object><br>``` |
| Between | 13 | Filter for activities where investment amount is between 1000 and 2000:<br><br>```<br><Object RequestID="1" ObjectTypeID="1" ActionID="8"><br>        <Filter><br>                <FilterItems><br>                        <FilterItem><br>                                <FieldID>-328</FieldID><br>                                <OperatorID>13</OperatorID><br>                                <Value>1000;2000</Value><br>                        </FilterItem><br>                </FilterItems><br>        </Filter><br></Object><br>``` |
| Not Between | 14 | Filter for activities where investment amount is not between 1000 and 2000:<br><br>```<br><Object RequestID="1" ObjectTypeID="1" ActionID="8"><br>        <Filter><br>                <FilterItems><br>                        <FilterItem><br>                                <FieldID>-328</FieldID><br>                                <OperatorID>14</OperatorID><br>                                <Value>1000;2000</Value><br>                        </FilterItem><br>                </FilterItems><br>        </Filter><br></Object><br>``` |
| In | 15 | Filter for audience members where address state is in Indiana, Ohio, or Michigan:<br><br>```<br><Object RequestID="1" ObjectTypeID="9" ActionID="8"><br>        <Filter><br>                <FilterItems><br>                        <FilterItem><br>                                <FieldID>-22</FieldID><br>                                <OperatorID>15</OperatorID><br>                                <Value>IN,OH,MI</Value><br>                        </FilterItem><br>                </FilterItems><br>        </Filter><br></Object><br>``` |
| Not In | 16 | Filter for audience members where address state is not in California, Arizona, or Colorado:<br><br>```<br><Object RequestID="1" ObjectTypeID="9" ActionID="8"><br>        <Filter><br>``` |

| Operator | Value | Examples |
|---|---|---|
| | | ```
                <FilterItems>
                        <FilterItem>
                                <FieldID>-22</FieldID>
                                <OperatorID>16</OperatorID>
                                <Value>CA,AZ,CO</Value>
                        </FilterItem>
                </FilterItems>
        </Filter>
</Object>
``` |
| Before | 17 | Filter for invoices where date paid is before 1/1/2004:<br><br>```
<Object RequestID="1" ObjectTypeID="6" ActionID="8">
        <Filter>
                <FilterItems>
                        <FilterItem>
                                <FieldID>-2683</FieldID>
                                <OperatorID>17</OperatorID>
                                <Value>1/1/2004</Value>
                        </FilterItem>
                </FilterItems>
        </Filter>
</Object>
``` |
| After | 18 | Filter for invoices where date paid is after 2/1/2004:<br><br>```
<Object RequestID="1" ObjectTypeID="6" ActionID="8">
        <Filter>
                <FilterItems>
                        <FilterItem>
                                <FieldID>-2683</FieldID>
                                <OperatorID>18</OperatorID>
                                <Value>2/1/2004</Value>
                        </FilterItem>
                </FilterItems>
        </Filter>
</Object>
``` |
| One of the Following | 24 | Filter for activities where the activity is in one of the region ids 1, 2, or 4:<br><br>```
<Object RequestID="1" ObjectTypeID="1" ActionID="8">
        <Filter>
                <FilterItems>
                        <FilterItem>
                                <FieldID>-1499</FieldID>
                                <OperatorID>24</OperatorID>
                                <Value>1~~@~~2~~@~~4</Value>
                        </FilterItem>
                </FilterItems>
        </Filter>
</Object>
``` |
| None of the Following | 25 | Filter for activities where the activity is not in region id 1,2, or 4:<br><br>```
<Object RequestID="1" ObjectTypeID="1" ActionID="8">
        <Filter>
``` |

| Operator | Value | Examples |
|---|---|---|
| | | `<FilterItems>`<br>　　　`<FilterItem>`<br>　　　　　`<FieldID>-1499</FieldID>`<br>　　　　　`<OperatorID>25</OperatorID>`<br>　　　　　`<Value>1~~@~~2~~@~~4</Value>`<br>　　　`</FilterItem>`<br>　　`</FilterItems>`<br>　`</Filter>`<br>`</Object>` |
| All of the Following | 26 | Filter for activities where the activity is in all region ids 1, 2, and 4:<br><br>`<Object RequestID="1" ObjectTypeID="1" ActionID="8">`<br>　`<Filter>`<br>　　`<FilterItems>`<br>　　　`<FilterItem>`<br>　　　　　`<FieldID>-1499</FieldID>`<br>　　　　　`<OperatorID>26</OperatorID>`<br>　　　　　`<Value>1~~@~~2~~@~~4</Value>`<br>　　　`</FilterItem>`<br>　　`</FilterItems>`<br>　`</Filter>`<br>`</Object>` |

### Sort Items

The filter structure enables you to sort the result set using sort items. Sort items consist of a field ID (attribute) and sort order.  These are the sort order field values with examples.

| Operator | Value | Examples |
|---|---|---|
| Ascending | 0 | Sort audience members by last name ascending:<br><br>`<Object RequestID="1" ObjectTypeID="9" ActionID="8">`<br>　`<Filter>`<br>　　`<SortItems>`<br>　　　`<SortItem>`<br>　　　　　`<FieldID>-6</FieldID>`<br>　　　　　`<SortOrder>0</SortOrder>`<br>　　　`</SortItem>`<br>　　`</SortItems>`<br>　`</Filter>`<br>`</Object>` |
| Descending | 1 | Sort audience members by last name descending:<br><br>`<Object RequestID="1" ObjectTypeID="9" ActionID="8">`<br>　`<Filter>`<br>　　`<SortItems>`<br>　　　`<SortItem>`<br>　　　　　`<FieldID>-6</FieldID>`<br>　　　　　`<SortOrder>1</SortOrder>`<br>　　　`</SortItem>`<br>　　`</SortItems>`<br>　`</Filter>` |

| Operator | Value | Examples |
|----------|-------|----------|
|          |       | </Object> |

## Sub-objects

Some of the main objects contain sets of sub-objects. Every sub-object is noted by a special XML element that has an attribute of Type="Collection".

### Example

The Audience Members object has a Domains sub-object. An audience member can be associated to each domain.

```
<Object RequestID="1" ObjectTypeID="9" ActionID="1">
      <first_name>Joe</first_name>
      <last_name>Smith</last_name>
      <Domains Type="Collection">
            <Domain>
                  <scs_id>1</scs_id>
            </Domain>
            <Domain>
                  <scs_id>2</scs_id>
            </Domain>
      </Domains>
</Object>
```

### Collection Types

Sub-object collections can be defined as Drop and Replace or Add/Edit/Delete. To determine the sub-object collection type, see the sample data beginning on page 35. In the sample data, each sub-collection has a Mode attribute that indicates the collection type.

### Drop and Replace Collection Types

Drop and Replace collections drop all associated data from the database, and replace it with user-specified data. For example, to add a region to an activity, along with the new region request, include existing regions.

### Add/Edit/Delete Collection Types

Items in Add/Edit/Delete collections can be manipulated independently of other collection items. To manipulate an Add/Edit/Delete collection, include an Action ID attribute with the corresponding action value.

### Example

To add a new schedule item to an activity, specify the Add action on the schedules element:

```
<Object RequestID="1" ObjectTypeID="1" ActionID="2">
      <RecordID>12500</RecordID>
      <Schedules Type="Collection" ActionID="1">
            <Schedule>
                  <title>Golf Outing</title>
                  <schedule_type>1</schedule_type>
                  <timezone_id>44</timezone_id>
                  <start_date>6/10/2006</start_date>
                  <end_date>6/10/2006</end_date>
                  <description>Charity event for cancer
research</description>
```

```
                    </Schedule>
                </Schedules>
        </ObjectID>
```

To modify or delete an existing sub-object, you need the unique ID.

**Example**

The XML to update the time zone for a schedule item for an activity is similar to this:

```
<Object RequestID="1" ObjectTypeID="1" ActionID="2">
        <RecordID>12500</RecordID>
        <Schedules Type="Collection" ActionID="2">
                <Schedule>
                        <activity_date_id>43907</activity_date_id>
                        <timezone_id>43</timezone_id>
                </Schedule>
        </Schedules>
</Object>
```

**Performing Multiple Actions**

You can perform multiple actions on Add/Edit/Delete collections in a single request. You can group multiple operations of the same type in a single collection element.

**Example**

The XML to add 2 schedules to an activity is similar to this:

```
<Object RequestID="1" ObjectTypeID="1" ActionID="2">
        <RecordID>12500</RecordID>
        <Schedules Type="Collection" ActionID="1">
                <Schedule>
                        <title>Golf Outing</title>
                        <schedule_type>1</schedule_type>
                        <timezone_id>44</timezone_id>
                        <start_date>6/10/2006</start_date>
                        <end_date>6/10/2006</end_date>
                        <description>Charity event for cancer research</description>
                </Schedule>
                <Schedule>
                        <title>Marketing Expo</title>
                        <schedule_type>1</schedule_type>
                        <timezone_id>44</timezone_id>
                        <start_date>7/15/2006</start_date>
                        <end_date>7/15/2006</end_date>
                        <description>Annual convention</description>
                </Schedule>
        </Schedules>
</ObjectID>
```

Multiple operations of different types require using multiple collection elements for each action type.

**Example**

The XML to add a schedule and remove another from an activity is similar to this:

```
<Object RequestID="1" ObjectTypeID="1" ActionID="2">
        <RecordID>12500</RecordID>
        <Schedules Type="Collection" ActionID="1">
                <Schedule>
                        <title>Golf Outing</title>
                        <schedule_type>1</schedule_type>
                        <timezone_id>44</timezone_id>
                        <start_date>6/10/2006</start_date>
                        <end_date>6/10/2006</end_date>
                        <description>Charity event for cancer research</description>
                </Schedule>
        </Schedules>
        <Schedules Type="Collection" ActionID="4">
                <Schedule>
                        <activity_date_id>43907</activity_date_id>
```

```
                    </Schedule>
                </Schedules>
            </ObjectID>
```

## Supported Object Actions

| Object Type | Supported Process Method Actions | | | | |
|---|---|---|---|---|---|
| | Add | Edit | Delete | Merge | Get |
| Accounting Integration | X | - | - | - | X |
| Activities | X | X | X | - | X |
| Activity Cells | - | X | - | - | X |
| Activity History | X | X | X | - | X |
| Attachments | X | X | X | - | X |
| Audience Members | X | X | X | X | X |
| Brands | X | X | X | - | X |
| Calendar Items | X | X | X | - | X |
| Clients | X | X | X | - | X |
| Commitments | X | X | X | - | X |
| Companies | X | X | X | X | X |
| Currency Codes | X | X | X | - | X |
| Currency Exchange Rates | X | X | X | - | X |
| Digital Assets | X | X | X | - | X |
| Distribution Groups | X | X | X | - | X |
| Expense Categories | X | X | X | - | X |
| Funding Accounts | X | X | X | - | X |
| History Records | X | X | X | - | X |
| Households | X | X | X | - | X |
| Incentives | X | X | X | - | X |
| Invoices | X | X | X | - | X |
| Journal Vouchers | X | X | X | - | X |
| Leads | X | X | X | - | X |
| Notes | X | X | X | - | X |
| Offers | X | X | X | - | X |
| Participants | X | X | X | - | X |
| Products | X | X | X | - | X |
| Programs | X | X | X | - | X |
| Projects | X | X | X | - | X |
| Response History | X | X | X | - | X |
| Suppliers | X | X | X | - | X |
| Tasks | X | X | - | - | X |
| Treatments | X | X | X | - | X |
| Users | X | X | X | - | X |
| User Roles | X | X | X | - | X |

**Note**

The SQL Query object supports Select, Insert, and AnyQuery actions.

## GetAprimoKey Method

The GetAprimoKey method returns the Aprimo ID of a single record corresponding to a similar record in another system. Keys retrieved with this method must already be matched with the corresponding external ID by the SetAprimoKey method or the SetAprimoKeys method.

| Attributes | Details | Examples |
|---|---|---|
| Arguments | ClientID: ID of the Integration Workbench Client<br><br>AccessKey: client identification token<br><br>DSN: name of the data source to be referenced<br><br>DomainID: ID of the domain to be referenced<br><br>ObjectTypeID: ID of the object type of the record to be referenced<br><br>ExternalID: ID of the record in the external system<br><br>KeyType: Indicates whether the data passing in is internal or external | GetAprimoKey(14, "HM8E419XJ9WNAU22EL6N", "Marketing", 2, 6, "78B42")2 |
| Return Value | String: XML containing the Aprimo IDs of records that correspond to similar records in an external system | `<?xml version="1.0" encoding="utf-8" ?>`<br>`<Response>`<br>`    <DataObjects>`<br>`        <Object>`<br>`            <Error>`<br>`                <ErrorID>0</ErrorID>`<br>`                <ErrorText></ErrorText>`<br>`                <ErrorInfo></ErrorInfo>`<br>`            </Error>`<br>`            <ObjectTypeID>4</ObjectTypeID>`<br>`            <internal_id>33</internal_id>`<br>`        </Object>`<br>`    </DataObjects>`<br>`</Response>` |

## GetAprimoKeys Method

The GetAprimoKeys method returns the Aprimo IDs of multiple records corresponding to similar records in another system. Keys retrieved with this method must already be matched with the corresponding external ID by the SetAprimoKey method or the SetAprimoKeys method.

| Attributes | Details | Examples |
|---|---|---|
| Arguments | ClientID: ID of the Integration Workbench Client<br><br>AccessKey: client identification token<br><br>DSN: name of the data source to be referenced<br><br>DomainID: ID of the domain to be referenced<br><br>XMLData: specific request information | `<?xml version="1.0" encoding="utf-8" ?>`<br>`<Request>`<br>`    <DataObjects>`<br>`        <Object>`<br>`            <Key Type>2</Key Type>`<br>`            <ObjectTypeID>9</ObjectTypeID>`<br>`            <external_id>HY-266</external_id>`<br>`        </Object>`<br>`        <Object>`<br>`            <Key Type>2</Key Type>`<br>`            <ObjectTypeID>11</ObjectTypeID>`<br>`            <external_id>GMVS-42</external_id>`<br>`        </Object>`<br>`    </DataObjects>`<br>`</Request>` |
| Return Value | String: XML containing the Aprimo IDs of records that correspond to similar records in an external system | `<?xml version="1.0" encoding="utf-8" ?>`<br>`<Response>`<br>`    <DataObjects>`<br>`        <Object>`<br>`            <Error>`<br>`                <ErrorID>0</ErrorID>`<br>`                <ErrorText></ErrorText>`<br>`                <ErrorInfo></ErrorInfo>`<br>`            </Error>`<br>`            <ObjectTypeID>4</ObjectTypeID>`<br>`            <internal_id>33</internal_id>`<br>`        </Object>`<br>`        <Object>`<br>`            <Error>`<br>`                <ErrorID>0</ErrorID>`<br>`                <ErrorText></ErrorText>`<br>`                <ErrorInfo></ErrorInfo>`<br>`            </Error>`<br>`            <ObjectTypeID>6</ObjectTypeID>`<br>`            <internal_id>112</internal_id>`<br>`        </Object>`<br>`    </DataObjects>`<br>`</Response>` |

## SetAprimoKey Method

The SetAprimoKey method stores the Aprimo ID of a record corresponding to a similar record in another system, including the ID of the associated external record.

| Attributes | Details | Examples |
|---|---|---|
| Arguments | ClientID: ID of the Integration Workbench Client<br><br>AccessKey: client identification token<br><br>DSN: name of the data source to be referenced<br><br>DomainID: ID of the domain to be referenced<br><br>ObjectTypeID: ID of the object type of the record to be referenced<br><br>AprimoID: ID of the Aprimo Marketing Studio record<br><br>ExternalID: ID of the record in the external system | SetAprimoKey(14, "HM8E419XJ9WNAU22EL6N", "Marketing", 2, 6, 1420, "78B42") |
| Return Value | String: XML containing the Aprimo ID of records that correspond to similar record in an external system | `<?xml version="1.0" encoding="utf-8" ?>`<br>`<Response>`<br>    `<DataObjects>`<br>        `<Object>`<br>            `<Error>`<br>                `<ErrorID>0</ErrorID>`<br><br>`<ErrorText></ErrorText>`<br>                `<ErrorInfo></ErrorInfo>`<br>            `</Error>`<br>        `</Object>`<br>    `</DataObjects>`<br>`</Response>` |

## SetAprimoKeys Method

The SetAprimoKeys method stores the Aprimo IDs of multiple records corresponding to similar records in another system, including the IDs of the associated external records.

| Attributes | Details | Examples |
|---|---|---|
| Arguments | ClientID: ID of the Integration Workbench Client<br><br>AccessKey: client identification token<br><br>DSN: name of the data source to be referenced<br><br>DomainID: ID of the domain to be referenced<br><br>XMLData: specific request information | ```<?xml version="1.0" encoding="utf-8" ?><Request>        <DataObjects>                <Object>                        <ObjectTypeID>9</ObjectTypeID>                        <internal_id>344</internal_id>                        <external_id>HY-266</external_id>                </Object>                <Object>        <ObjectTypeID>11</ObjectTypeID>                        <internal_id>2011</internal_id>                        <external_id>GMVS-42</external_id>                </Object>        </DataObjects></Request>``` |
| Return Value | String: XML containing the Aprimo IDs of records that correspond to similar records in an external system | ```<?xml version="1.0" encoding="utf-8" ?><Response>        <DataObjects>                <Object>                        <Error>                                <ErrorID>0</ErrorID>                                <ErrorText></ErrorText>                                <ErrorInfo></ErrorInfo>                        </Error>                </Object>                <Object>                        <Error>                                <ErrorID>0</ErrorID>                                <ErrorText></ErrorText>                                <ErrorInfo></ErrorInfo>                        </Error>                </Object>        </DataObjects></Response>``` |

## StatusMessage Method

The StatusMessage method creates a log entry for a subscription.

| Attributes | Details | Examples |
|---|---|---|
| Arguments | ClientID: ID of the Integration Workbench Client<br><br>AccessKey: client identification token<br><br>DSN: name of the data source to be referenced<br><br>DomainID: ID of the domain to be referenced<br><br>SubscriptionID: ID of the subscription to log against<br><br>Message: Error message<br><br>Status: Error status<br><br>Comment: Any additional information about the error | StatusMessage(14, "HM8E419XJ9WNAU22EL6N", "Marketing", 1, 1502, "Successfully added activity to external system", "Success", "ID = 325") |
| Return Value | XML containing Log ID | ```<Response>        <DataObjects>                <Error>                        <ErrorID>0</ErrorID>                        <ErrorText></ErrorText>                        <ErrorInfo></ErrorInfo>                </Error>                <ResultData>                        <RecordID AprimoName="log_id">46931</RecordID>                </ResultData>        </DataObjects></Response>``` |

## Integration Workbench Listener Object-Specific Method Examples

The following XML string examples do not correspond to a particular Integration Workbench method call. They illustrate the various field names that you can use in different method calls for each object type.

You do not need the RecordID value to perform Add() or Get() method calls.

You can identify fields by Label if an "aprimo_name" attribute is present and contains the Aprimo field name.

#### Example

```
<[FieldLabel] aprimo_name="prefix"></[FieldLabel]>
```

Request, DataObjects, FilterItems, SortItems, and DataSource (for merge) are case sensitive.

**Accounting Integration**

| Object Information | XML Data |
|---|---|
| The gl_integration_id value is a primary key of the gl_integration table. | &lt;RecordID id="gl_integration_id" req="no" status="read only" dt="numeric" fp="-15304" lookup="no"&gt;&lt;/RecordID&gt;<br>&lt;EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"&gt;<br>  &lt;value lookup="Picklist - Enhanced, Multiple Selection"&gt;zero or more elements&lt;/value&gt;<br>&lt;/EXTVALUExxx&gt; |

**Activities**

| Object Information | XML Data |
|---|---|
| The activity_id value is a primary key of the activities table.<br><br>The Financial Status value codes are:<br><br>• 0 = Open<br>• 1 = Locked<br><br>The Origin value codes are:<br><br>• 2 = From Activity Add<br>• 5 = From Activity Copy<br>• 3 = From Activity Request<br>• 4 = From Activity Request Form<br>• 1 = From Proposal FastTrack<br>• 0 = From Proposal Review<br><br>The activity_role_id value is a primary key of the activity_roles table.<br>The user_role_id value is a foreign key reference to the user_role table.<br>The audience_id value is a foreign key reference to the audiences table.<br>The act_funding_acct_id value is a primary key of the act_funding_accounts table.<br>The funding_mode value codes are:<br><br>• 1 = By Expense Category<br>• 2 = Fixed Amount<br>• 3 = Percentage<br>• 4 = Controlling Account | &lt;RecordID id="activity_id" req="yes" status="edit only" dt="numeric" fp="-401" lookup="no"&gt;&lt;/RecordID&gt;<br>&lt;activity_state_id req="yes" status="add\edit" dt="numeric" fp="-403" lookup="yes"&gt;&lt;/activity_state_id&gt;<br>&lt;activity_type_id req="yes" status="add\edit" dt="numeric" fp="-404" lookup="yes"&gt;&lt;/activity_type_id&gt;<br>&lt;administrator_id req="yes" status="add\edit" dt="numeric" fp="-128" lookup="yes"&gt;&lt;/administrator_id&gt;<br>&lt;begin_date req="yes" status="add\edit" dt="date" fp="-406" lookup="no"&gt;&lt;/begin_date&gt;<br>&lt;creator_id req="no" status="read only" dt="numeric" fp="-335" lookup="yes"&gt;&lt;/creator_id&gt;<br>&lt;currency_code req="yes" status="add\edit" dt="numeric" fp="-1285" lookup="yes"&gt;&lt;/currency_code&gt;<br>&lt;description req="no" status="add\edit" dt="string" fp="-1412" lookup="no"&gt;&lt;/description&gt;<br>&lt;end_date req="yes" status="add\edit" dt="date" fp="-407" lookup="no"&gt;&lt;/end_date&gt;<br>&lt;financial_group_id req="no" status="read only" dt="numeric" fp="-15323" lookup="yes"&gt;&lt;/financial_group_id&gt;<br>&lt;financials_locked req="yes" status="add\edit" dt="numeric" fp="-15640" lookup="yes"&gt;&lt;/financials_locked&gt;<br>&lt;funding_acct_id req="no" status="add only" dt="numeric" fp="-1395" lookup="yes"&gt;&lt;/funding_acct_id&gt;<br>&lt;investment_amount req="no" status="read only" dt="numeric" fp="-328" lookup="no"&gt;&lt;/investment_amount&gt;<br>&lt;modified_date req="no" status="read only" dt="date" fp="-1396" lookup="no"&gt;&lt;/modified_date&gt;<br>&lt;modified_user req="no" status="read only" dt="numeric" fp="-1814" lookup="yes"&gt;&lt;/modified_user&gt;<br>&lt;name req="yes" status="add\edit" dt="string" fp="-405" lookup="no"&gt;&lt;/name&gt;<br>&lt;objective req="no" status="add\edit" dt="string" fp="-1314" lookup="no"&gt;&lt;/objective&gt;<br>&lt;origin req="no" status="read only" dt="numeric" fp="-1851" lookup="yes"&gt;&lt;/origin&gt;<br>&lt;owner_id req="yes" status="add\edit" dt="numeric" fp="-402" lookup="yes"&gt;&lt;/owner_id&gt; |

| Object Information | XML Data |
|---|---|
| The funding_acct_id value is a foreign key reference to the funding_accounts table.<br><br>The funding_acct_id value is a foreign key reference to the funding_accounts table.<br><br>The offering_id value is a foreign key reference to the offerings table.<br><br>The activity_id value is a primary key of the activity_objectives table.<br><br>The objective_id value is a foreign key reference to the objectives table.<br><br>The strategy_id value is a foreign key reference to the objective_strategies table.<br><br>The plan_id value is a foreign key reference to the plans table.<br><br>The campaign_id value is a primary key of the campaign_membership table.<br><br>The campaign_id value is a foreign key reference to the campaigns table.<br><br>The region_id value is a foreign key reference to the regions table.<br><br>The activity_date_id value is a primary key of the activity_dates table.<br><br>The Schedule_type value codes are:<br>• 0 = Private<br>• 1 = Public<br><br><br>The timezone_id value is a foreign key reference to the timezones table.<br><br>The activity_state_id value is a foreign key reference to the activity_type_states table.<br><br>The activity_type_id value is a foreign key reference to the activity_types table.<br><br>The administrator_id value is a foreign key reference to the user_group table.<br><br>The creator_id value is a foreign key reference to the user_group table.<br><br>The currency_code value is a foreign key reference to the currency_codes table.<br><br>The financial_group_id value is a foreign key reference to the user_group table.<br><br>The funding_acct_id value is a foreign key reference to the funding_accounts table.<br><br>The owner_id value is a foreign key reference to the user_group table.<br><br>The scs_id value is a foreign key reference to the classification_schema | `<scs_id req="yes" status="add\edit" dt="numeric" fp="-334" lookup="yes"></scs_id>`<br><br>`<timezone_id req="yes" status="add\edit" dt="numeric" fp="-2448" lookup="yes"></timezone_id>`<br><br>`<total_actual_cost req="no" status="read only" dt="numeric" fp="-1402" lookup="no"></total_actual_cost>`<br><br>`<total_actual_labor req="no" status="read only" dt="numeric" fp="-1403" lookup="no"></total_actual_labor>`<br><br>`<total_actual_material req="no" status="read only" dt="numeric" fp="-1404" lookup="no"></total_actual_material>`<br><br>`<total_actual_tne req="no" status="read only" dt="numeric" fp="-1405" lookup="no"></total_actual_tne>`<br><br>`<total_commit_fund req="no" status="read only" dt="numeric" fp="-1406" lookup="no"></total_commit_fund>`<br><br>`<total_est_cost req="no" status="read only" dt="numeric" fp="-1398" lookup="no"></total_est_cost>`<br><br>`<total_est_labor req="no" status="read only" dt="numeric" fp="-1399" lookup="no"></total_est_labor>`<br><br>`<total_est_material req="no" status="read only" dt="numeric" fp="-1400" lookup="no"></total_est_material>`<br><br>`<total_est_tne req="no" status="read only" dt="numeric" fp="-1401" lookup="no"></total_est_tne>`<br><br>`<total_outstanding req="no" status="read only" dt="numeric" fp="-2292" lookup="no"></total_outstanding>`<br><br>`<visual_end_date req="yes" status="add\edit" dt="date" fp="-6560" lookup="no"></visual_end_date>`<br><br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br><br>`<ActivityRoles Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <ActivityRole>`<br>`        <activity_role_id req="yes" status="edit only" dt="numeric" fp="-12367" lookup="no"></activity_role_id>`<br>`        <activity_id req="no" status="read only" dt="numeric" fp="-12365" lookup="no"></activity_id>`<br>`        <user_role_id req="yes" status="add\edit" dt="numeric" fp="-12366" lookup="yes"></user_role_id>`<br>`    </ActivityRole>`<br>`</ActivityRoles>`<br><br>`<Audiences Type="collection" Mode="Drop and Replace">`<br>`    <Audience>`<br>`        <activity_id req="no" status="read only" dt="numeric" fp="-3150" lookup="no"></activity_id>`<br>`        <allocation req="no" status="read only" dt="numeric" fp="-3151" lookup="no"></allocation>`<br>`        <audience_id req="yes" status="add\edit" dt="numeric" fp="-1500" lookup="yes"></audience_id>`<br>`    </Audience>`<br>`</Audiences>`<br><br>`<FundingAccounts Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">` |

| Object Information | XML Data |
|---|---|
| table.<br><br>The timezone_id value is a foreign key reference to the timezones table. | `<FundingAccount>`<br>    `<act_funding_acct_id req="yes" status="edit only" dt="numeric" fp="-15291" lookup="no"></act_funding_acct_id>`<br>    `<activity_id req="no" status="read only" dt="numeric" fp="-15292" lookup="no"></activity_id>`<br>    `<amount req="no" status="add\edit" dt="numeric" fp="-15296" lookup="no"></amount>`<br>    `<funding_acct_id req="yes" status="add\edit" dt="numeric" fp="-15293" lookup="yes"></funding_acct_id>`<br>    `<funding_acct_id req="no" status="read only" dt="numeric" fp="-16352" lookup="no"></funding_acct_id>`<br>    `<funding_mode req="no" status="read only" dt="numeric" fp="-15792" lookup="no"></funding_mode>`<br>    `<funding_mode req="yes" status="add\edit" dt="numeric" fp="-15294" lookup="yes"></funding_mode>`<br>    `<funding_percentage req="no" status="add\edit" dt="numeric" fp="-15295" lookup="no"></funding_percentage>`<br>    `<is_current req="no" status="read only" dt="numeric" fp="-15297" lookup="no"></is_current>`<br>    `<is_locked req="no" status="read only" dt="numeric" fp="-17007" lookup="no"></is_locked>`<br>  `</FundingAccount>`<br>`</FundingAccounts>`<br>`<Offerings Type="collection" Mode="Drop and Replace">`<br>  `<Offering>`<br>    `<activity_id req="no" status="read only" dt="numeric" fp="-3143" lookup="no"></activity_id>`<br>    `<allocation req="no" status="read only" dt="numeric" fp="-3144" lookup="no"></allocation>`<br>    `<offering_id req="yes" status="add\edit" dt="numeric" fp="-1501" lookup="yes"></offering_id>`<br>  `</Offering>`<br>`</Offerings>`<br>`<OrgObjectives Type="collection" Mode="Drop and Replace">`<br>  `<Objective>`<br>    `<activity_id req="no" status="read only" dt="numeric" fp="-751" lookup="no"></activity_id>`<br>    `<allocation req="no" status="read only" dt="numeric" fp="-3149" lookup="no"></allocation>`<br>    `<objective_id req="yes" status="add\edit" dt="numeric" fp="-333" lookup="yes"></objective_id>`<br>  `</Objective>`<br>`</OrgObjectives>`<br>`<OrgStrategies Type="collection" Mode="Drop and Replace">`<br>  `<Strategy>` |

| Object Information | XML Data |
|---|---|
| | <activity_id req="no" status="read only" dt="numeric" fp="-3145" lookup="no"></activity_id><br>    <allocation req="no" status="read only" dt="numeric" fp="-3146" lookup="no"></allocation><br>    <strategy_id req="yes" status="add\edit" dt="numeric" fp="-1498" lookup="yes"></strategy_id><br>  </Strategy><br></OrgStrategies><br><PlanOverviews Type="collection" Mode="Drop and Replace"><br>  <Overview><br>    <activity_id req="no" status="read only" dt="numeric" fp="-3140" lookup="no"></activity_id><br>    <plan_id req="yes" status="add\edit" dt="numeric" fp="-2838" lookup="yes"></plan_id><br>  </Overview><br></PlanOverviews><br><Programs Type="collection" Mode="Drop and Replace"><br>  <Program><br>    <campaign_id req="yes" status="add\edit" dt="numeric" fp="-1813" lookup="yes"></campaign_id><br>    <activity_id req="yes" status="add\edit" dt="numeric" fp="-1472" lookup="yes"></activity_id><br>  </Program><br></Programs><br><Regions Type="collection" Mode="Drop and Replace"><br>  <Region><br>    <activity_id req="no" status="read only" dt="numeric" fp="-3153" lookup="no"></activity_id><br>    <allocation req="no" status="read only" dt="numeric" fp="-3154" lookup="no"></allocation><br>    <region_id req="yes" status="add\edit" dt="numeric" fp="-1499" lookup="yes"></region_id><br>  </Region><br></Regions><br><Schedules Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4"><br>  <Schedule><br>    <activity_date_id req="yes" status="edit only" dt="numeric" fp="-1306" lookup="no"></activity_date_id><br>    <activity_id req="no" status="read only" dt="numeric" fp="-1308" lookup="no"></activity_id><br>    <description req="no" status="add\edit" dt="string" fp="-1309" lookup="no"></description><br>    <end_date req="no" status="read only" dt="date" fp="-4101" lookup="no"></end_date><br>    <end_date req="yes" status="add\edit" dt="date" fp="-1307" lookup="no"></end_date><br>    <schedule_type req="yes" status="add\edit" dt="numeric" fp="-1311" lookup="yes"></schedule_type> |

| Object Information | XML Data |
|---|---|
| | `<start_date req="yes" status="add\edit" dt="date" fp="-1305" lookup="no"></start_date>` |
| | `<start_date req="no" status="read only" dt="date" fp="-4100" lookup="no"></start_date>` |
| | `<timezone_id req="yes" status="add\edit" dt="numeric" fp="-2457" lookup="yes"></timezone_id>` |
| | `<title req="yes" status="add\edit" dt="string" fp="-1310" lookup="no"></title>` |
| | `<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">` |
| |    `<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>` |
| | `</EXTVALUExxx>` |
| |   `</Schedule>` |
| | `</Schedules>` |

**Activity Audience Members**

| Object Information | XML Data |
|---|---|
| The activity_aud_mem_id value is a primary key of the activity_aud_members table.<br><br>The activity_id value is a foreign key reference to the activities table.<br><br>The activity_status_id value is a foreign key reference to the activity_aud_mem_status table.<br><br>The audience_member_id value is a foreign key reference to the audience_members table. | `<RecordID id="activity_aud_mem_id" req="yes" status="edit only" dt="numeric" fp="-3443" lookup="no"></RecordID>`<br>`<activity_id req="yes" status="add only" dt="numeric" fp="-2108" lookup="no"></activity_id>`<br>`<activity_status_id req="no" status="add\edit" dt="numeric" fp="-2109" lookup="yes"></activity_status_id>`<br>`<audience_member_id req="yes" status="add only" dt="numeric" fp="-931" lookup="no"></audience_member_id>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>   `<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>` |

**Activity Cells**

| Object Information | XML Data |
|---|---|
| The activity_cell_id value is a primary key of the activity_cells table.<br><br>The act_cell_treatment_id value is a primary key of the activity_cell_treatments table.<br><br>The act_treatment_id value is a foreign key reference to the activity_treatments table.<br><br>The activity_wave_id value is a foreign key reference to the activity_waves table. | `<RecordID id="activity_cell_id" req="yes" status="read only" dt="numeric" fp="-14004" lookup="no"></RecordID>`<br>`<act_offer_id req="no" status="read only" dt="numeric" fp="-14011" lookup="no"></act_offer_id>`<br>`<activity_id req="yes" status="read only" dt="numeric" fp="-14007" lookup="no"></activity_id>`<br>`<actual_quantity req="no" status="edit only" dt="numeric" fp="-14051" lookup="no"></actual_quantity>`<br>`<actual_response req="no" status="read only" dt="numeric" fp="-14052" lookup="no"></actual_response>`<br>`<cell_type_id req="no" status="read only" dt="numeric" fp="-14009" lookup="yes"></cell_type_id>`<br>`<champion_cell_id req="no" status="read only" dt="numeric" fp="-14010" lookup="yes"></champion_cell_id>` |

| Object Information | XML Data |
|---|---|
| The channel_id value is a foreign key reference to the channels table. <br><br> The act_offer_id value is a foreign key reference to the activity_offers table. <br><br> The activity_id value is a foreign key reference to the activities table. <br><br> The cell_type_id value is a foreign key reference to the cell_types table. <br><br> The champion_cell_id value is a foreign key reference to the activity_cells table. <br><br> The actual_cost value is an inherited value from the view activity_cells_view that only represents the base actual cost of the actual cost. <br><br> The estimated_cost value is an inherited value from the view activity_cells_view that only represents the base estimated cost of the estimated cost. | `<code req="no" status="read only" dt="string" fp="-14008" lookup="no"></code>` <br> `<currency_code req="yes" status="add\edit" dt="" fp="-1285" lookup="no"></Currency Code>` <br> `<description req="no" status="read only" dt="string" fp="-14006" lookup="no"></description>` <br> `<modified_date req="no" status="read only" dt="date" fp="-14014" lookup="no"></modified_date>` <br> `<modified_user req="no" status="read only" dt="numeric" fp="-14013" lookup="yes"></modified_user>` <br> `<source_code req="no" status="read only" dt="string" fp="-14012" lookup="no"></source_code>` <br> `<title req="yes" status="read only" dt="string" fp="-14005" lookup="no"></title>` <br> `<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">` <br>    `<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>` <br> `</EXTVALUExxx>` <br> `<ActivityCellTreatments Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">` <br>    `<ActivityCellTreatment>` <br>      `<act_cell_treatment_id req="no" status="edit only" dt="numeric" fp="-14015" lookup="no"></act_cell_treatment_id>` <br>      `<act_treatment_id req="no" status="read only" dt="numeric" fp="-14018" lookup="no"></act_treatment_id>` <br>      `<activity_cell_id req="no" status="read only" dt="numeric" fp="-14016" lookup="no"></activity_cell_id>` <br>      `<activity_wave_id req="no" status="read only" dt="numeric" fp="-14019" lookup="no"></activity_wave_id>` <br>      `<cell_percentage req="no" status="read only" dt="numeric" fp="-14020" lookup="no"></cell_percentage>` <br>      `<channel_id req="no" status="read only" dt="numeric" fp="-14017" lookup="no"></channel_id>` <br>      `<est_response_rate_percent req="no" status="read only" dt="numeric" fp="-14021" lookup="no"></est_response_rate_percent>` <br>      `<sequence req="no" status="read only" dt="numeric" fp="-14022" lookup="no"></sequence>` <br>    `</ActivityCellTreatment>` <br> `</ActivityCellTreatments>` |

**Attachments**

| Object Information | XML Data |
|---|---|
| The attachment_id value is the primary key of the attachments table. <br><br> The Project Visibility value codes are: <br> • 0 = Activity <br> • 1 = Project | `<RecordID id="attachment_id" req="yes" status="edit only" dt="numeric" fp="-3248" lookup="no"></RecordID>` <br> `<attachment_folder_id req="no" status="add\edit" dt="numeric" fp="-4463" lookup="yes"></attachment_folder_id>` <br> `<attachment_type_id req="no" status="add\edit" dt="numeric" fp="-6144" lookup="yes"></attachment_type_id>` <br> `<creator_id req="no" status="read only" dt="numeric" fp="-3241" lookup="yes"></creator_id>` <br> `<description req="no" status="add\edit" dt="string" fp="-3242" lookup="no"></description>` |

| Object Information | XML Data |
|---|---|
| The version_id value is a primary key of the attachment_versions table.<br><br>The Version type value codes are:<br><br>• 1 = Internet Address<br>• 2 = Network File<br>• 3 = Uploaded File<br><br><br>The project_id value is a primary key of the project_attachment_visibility table.<br><br>The project_id value is a foreign key reference to the projects table.<br><br>The attachment_folder_id value is a foreign key reference to the attachment_folders table.<br><br>The attachment_type_id value is a foreign key reference to the attachment_types table. | &lt;modified_date req="no" status="read only" dt="date" fp="-3243" lookup="no"&gt;&lt;/modified_date&gt;<br>&lt;modified_user req="no" status="read only" dt="numeric" fp="-3244" lookup="yes"&gt;&lt;/modified_user&gt;<br>&lt;name req="yes" status="add\edit" dt="string" fp="-3245" lookup="no"&gt;&lt;/name&gt;<br>&lt;object_id req="no" status="add only" dt="numeric" fp="-3246" lookup="no"&gt;&lt;/object_id&gt;<br>&lt;object_type_id req="no" status="add only" dt="numeric" fp="-3247" lookup="no"&gt;&lt;/object_type_id&gt;<br>&lt;project_visibility req="no" status="add\edit" dt="numeric" fp="-12908" lookup="yes"&gt;&lt;/project_visibility&gt;<br>&lt;EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"&gt;<br>   &lt;value lookup="Picklist - Enhanced, Multiple Selection"&gt;zero or more elements&lt;/value&gt;<br>&lt;/EXTVALUExxx&gt;<br>&lt;AttachmentVersions Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4"&gt;<br>  &lt;Version&gt;<br>    &lt;version_id req="yes" status="edit only" dt="numeric" fp="-4431" lookup="no"&gt;&lt;/version_id&gt;<br>    &lt;attachment_id req="no" status="read only" dt="numeric" fp="-4439" lookup="no"&gt;&lt;/attachment_id&gt;<br>    &lt;created_date req="no" status="read only" dt="date" fp="-4438" lookup="no"&gt;&lt;/created_date&gt;<br>    &lt;creator_id req="no" status="read only" dt="numeric" fp="-4437" lookup="yes"&gt;&lt;/creator_id&gt;<br>    &lt;default_version req="yes" status="add\edit" dt="numeric" fp="-4491" lookup="no"&gt;&lt;/default_version&gt;<br>    &lt;modified_date req="no" status="read only" dt="date" fp="-4435" lookup="no"&gt;&lt;/modified_date&gt;<br>    &lt;modified_user req="no" status="read only" dt="numeric" fp="-4436" lookup="no"&gt;&lt;/modified_user&gt;<br>    &lt;version_comments req="no" status="add\edit" dt="string" fp="-4434" lookup="no"&gt;&lt;/version_comments&gt;<br>    &lt;version_type req="no" status="add\edit" dt="numeric" fp="-4432" lookup="yes"&gt;&lt;/version_type&gt;<br>    &lt;version_type req="no" status="read only" dt="numeric" fp="-11088" lookup="no"&gt;&lt;/version_type&gt;<br>    &lt;version_url req="yes" status="add only" dt="string" fp="-4433" lookup="no"&gt;&lt;/version_url&gt;<br>  &lt;/Version&gt;<br>&lt;/AttachmentVersions&gt;<br>&lt;ProjectAttachments Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4"&gt;<br>  &lt;ProjectAttachment&gt;<br>    &lt;project_id req="yes" status="add\edit" dt="numeric" fp="-12957" lookup="no"&gt;&lt;/project_id&gt;<br>    &lt;attachment_id req="yes" status="add\edit" dt="numeric" fp="-12956" lookup="no"&gt;&lt;/attachment_id&gt;<br>  &lt;/ProjectAttachment&gt;<br>&lt;/ProjectAttachments&gt; |

**Audience Members**

| Object Information | XML Data |
|---|---|
| The audience_member_id value is a primary key of the audience_members table.<br><br>The Active Flag value codes are:<br><br>• 1 = Active<br>• 0 = Inactive<br><br>The Bounced Email value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br>The html_email value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br>The exclude email value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br>The usage_restriction value codes are:<br><br>• 0 = None<br>• 1 = Single Use<br><br>The role_id value is a foreign key reference to the roles table.<br><br>The dist_group_of_record_id value is a primary key of the dist_groups_of_record table.<br><br>The Assignment mode value codes are:<br><br>• 1 = Draft<br>• 2 = Production<br><br>The company_id value is a foreign key reference to the companies table.<br><br>The product_id value is a foreign key reference to the | `<RecordID id="audience_member_id" req="yes" status="edit only" dt="numeric" fp="-1" lookup="no"></RecordID>`<br>`<active_flag req="yes" status="add\edit" dt="numeric" fp="-3606" lookup="yes"></active_flag>`<br>`<addr_1 req="no" status="add\edit" dt="string" fp="-18" lookup="no"></addr_1>`<br>`<addr_2 req="no" status="add\edit" dt="string" fp="-19" lookup="no"></addr_2>`<br>`<addr_3 req="no" status="add\edit" dt="string" fp="-20" lookup="no"></addr_3>`<br>`<addr_city req="no" status="add\edit" dt="string" fp="-21" lookup="no"></addr_city>`<br>`<addr_country req="no" status="add\edit" dt="string" fp="-23" lookup="no"></addr_country>`<br>`<addr_state req="no" status="add\edit" dt="string" fp="-22" lookup="no"></addr_state>`<br>`<addr_zip req="no" status="add\edit" dt="string" fp="-24" lookup="no"></addr_zip>`<br>`<bounced_email req="yes" status="add\edit" dt="numeric" fp="-2136" lookup="yes"></bounced_email>`<br>`<company_id req="no" status="add\edit" dt="numeric" fp="-35" lookup="yes"></company_id>`<br>`<email req="no" status="add\edit" dt="string" fp="-15" lookup="no"></email>`<br>`<email_alt req="no" status="add\edit" dt="string" fp="-16" lookup="no"></email_alt>`<br>`<first_name req="no" status="add\edit" dt="string" fp="-4" lookup="no"></first_name>`<br>`<household_id req="no" status="add\edit" dt="numeric" fp="-40" lookup="yes"></household_id>`<br>`<html_email req="yes" status="add\edit" dt="numeric" fp="-36" lookup="yes"></html_email>`<br>`<interaction_status req="no" status="add\edit" dt="numeric" fp="-29" lookup="yes"></interaction_status>`<br>`<last_name req="yes" status="add\edit" dt="string" fp="-6" lookup="no"></last_name>`<br>`<member_type_id req="no" status="add\edit" dt="numeric" fp="-2" lookup="yes"></member_type_id>`<br>`<MergeIDs req="no" status="edit only" dt="string" fp="-17800" lookup="no"></MergeIDs>`<br>`<middle_name req="no" status="add\edit" dt="string" fp="-5" lookup="no"></middle_name>`<br>`<modified_date req="no" status="read only" dt="date" fp="-31" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-30" lookup="yes"></modified_user>`<br>`<notification_type_id req="yes" status="add\edit" dt="numeric" fp="-25" lookup="yes"></notification_type_id>`<br>`<phone_alt req="no" status="add\edit" dt="string" fp="-13" lookup="no"></phone_alt>`<br>`<phone_day req="no" status="add\edit" dt="string" fp="-12" lookup="no"></phone_day>`<br>`<phone_fax req="no" status="add\edit" dt="string" fp="-14" lookup="no"></phone_fax>`<br>`<prefix req="no" status="add\edit" dt="string" fp="-3" lookup="no"></prefix>`<br>`<score req="no" status="add\edit" dt="numeric" fp="-11" lookup="no"></score>`<br>`<suffix req="no" status="add\edit" dt="string" fp="-7" lookup="no"></suffix>` |

| Object Information | XML Data |
|---|---|
| product_repository table.<br><br>The rep_id value is a foreign key reference to the participants table.<br><br>The terr_dist_group_id value is a foreign key reference to the terr_distribution_groups table.<br><br>The scs_id value is a primary key of the audience_member_domains table.<br><br>The scs_id value is a foreign key reference to the classification_schema table.<br><br>The role_id value is a foreign key reference to the roles table.<br><br>The company_id value is a foreign key reference to the companies table.<br><br>The household_id value is a foreign key reference to the households table.<br><br>The member_type_id value is a foreign key reference to the audience_member_types table.<br><br>The notification_type_id value is a foreign key reference to the notification_types table. | `<title req="no" status="add\edit" dt="string" fp="-8" lookup="no"></title>`<br>`<usage_restriction req="yes" status="add\edit" dt="numeric" fp="-3607" lookup="yes"></usage_restriction>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>   `<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<CompanyRoles Type="collection" Mode="Drop and Replace">`<br>   `<Role>`<br>      `<audience_member_id req="no" status="read only" dt="numeric" fp="-3171" lookup="no"></audience_member_id>`<br>      `<role_id req="yes" status="add\edit" dt="numeric" fp="-27" lookup="yes"></role_id>`<br>   `</Role>`<br>`</CompanyRoles>`<br>`<DistributionGroups Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>   `<DistributionGroup>`<br>      `<dist_group_of_record_id req="yes" status="edit only" dt="numeric" fp="-3710" lookup="no"></dist_group_of_record_id>`<br>      `<assignment_mode req="no" status="read only" dt="numeric" fp="-5025" lookup="yes"></assignment_mode>`<br>      `<audience_member_id req="no" status="read only" dt="numeric" fp="-3711" lookup="no"></audience_member_id>`<br>      `<company_id req="no" status="read only" dt="numeric" fp="-4732" lookup="no"></company_id>`<br>      `<modified_date req="no" status="read only" dt="date" fp="-3717" lookup="no"></modified_date>`<br>      `<modified_user req="no" status="read only" dt="numeric" fp="-3716" lookup="yes"></modified_user>`<br>      `<product_id req="no" status="add\edit" dt="numeric" fp="-3712" lookup="yes"></product_id>`<br>      `<rep_id req="no" status="add\edit" dt="numeric" fp="-3715" lookup="yes"></rep_id>`<br>      `<terr_dist_group_id req="yes" status="add\edit" dt="numeric" fp="-3714" lookup="yes"></terr_dist_group_id>`<br>   `</DistributionGroup>`<br>`</DistributionGroups>`<br>`<Domains Type="collection" Mode="Drop and Replace">`<br>   `<Domain>`<br>      `<scs_id req="yes" status="add\edit" dt="numeric" fp="-3289" lookup="yes"></scs_id>`<br>      `<audience_member_id req="no" status="read only" dt="numeric" fp="-3288" lookup="no"></audience_member_id>`<br>   `</Domain>`<br>`</Domains>`<br>`<HouseholdRoles Type="collection" Mode="Drop and Replace">`<br>   `<Role>` |

| Object Information | XML Data |
|---|---|
| | `<audience_member_id req="no" status="read only" dt="numeric" fp="-3172" lookup="no"></audience_member_id>` |
| | `<role_id req="yes" status="add\edit" dt="numeric" fp="-26" lookup="yes"></role_id>` |
| | `</Role>` |
| | `</HouseholdRoles>` |

**Brands**

| Object Information | XML Data |
|---|---|
| The brand_id value is a primary key of the brands table.<br><br>The Brand Status value codes are:<br><br>• 1 = Active<br>• 0 = Inactive<br><br><br>The brand_type_id value is a foreign key reference to the brand_types table.<br><br>The client_id value is a foreign key reference to the clients table. | `< RecordID id="brand_id" req="no" status="edit only" dt="numeric" fp="-13929" lookup="no"></RecordID>`<br>`<brand_number req="no" status="add\edit" dt="string" fp="-14029" lookup="no"></brand_number>`<br>`<brand_type_id req="yes" status="add\edit" dt="numeric" fp="-13933" lookup="yes"></brand_type_id>`<br>`<client_id req="yes" status="add only" dt="numeric" fp="-13930" lookup="no"></client_id>`<br>`<description req="no" status="add\edit" dt="string" fp="-13932" lookup="no"></description>`<br>`<modified_date req="no" status="read only" dt="date" fp="-13935" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-13934" lookup="yes"></modified_user>`<br>`<status req="yes" status="add\edit" dt="numeric" fp="-14030" lookup="yes"></status>`<br>`<title req="yes" status="add\edit" dt="string" fp="-13931" lookup="no"></title>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>`   <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>` |

**Calendar Items**

| Object Information | XML Data |
|---|---|
| The calendar_item_id value is a primary key of the calendar_items table.<br><br>The calendar_item_id value is a primary key of the calendar_item_domains table.<br><br>The scs_id value is a foreign key reference to the classification_schema table.<br><br>The calendar_item_type_id value is a foreign key reference to the calendar_item_types table. | `<RecordID id="calendar_item_id" req="yes" status="edit only" dt="numeric" fp="-1030" lookup="no"></RecordID>`<br>`<begin_date req="yes" status="add\edit" dt="date" fp="-1035" lookup="no"></begin_date>`<br>`<calendar_item_type_id req="yes" status="add\edit" dt="numeric" fp="-1033" lookup="yes"></calendar_item_type_id>`<br>`<description req="no" status="add\edit" dt="string" fp="-1034" lookup="no"></description>`<br>`<end_date req="yes" status="add\edit" dt="date" fp="-1036" lookup="no"></end_date>`<br>`<name req="yes" status="add\edit" dt="string" fp="-1031" lookup="no"></name>`<br>`<recurrence_pattern_type req="no" status="add\edit" dt="" fp="-5810" lookup="no"></recurrence_pattern_type>` |

| Object Information | XML Data |
|---|---|
| | `<recurrence_pattern_value req="no" status="add\edit" dt="" fp="-5811" lookup="no"></recurrence_pattern_value>`<br>`<Domains Type="collection" Mode="Drop and Replace">`<br>   `<Domain>`<br>      `<calendar_item_id req="no" status="read only" dt="numeric" fp="-4132" lookup="no"></calendar_item_id>`<br>      `<scs_id req="yes" status="add\edit" dt="numeric" fp="-4133" lookup="yes"></scs_id>`<br>   `</Domain>`<br>`</Domains>` |

**Clients**

| Object Information | XML Data |
|---|---|
| The client_id value is a primary key of the clients table.<br><br>The Status value codes are:<br><br>   • 1 = Active<br>   • 0 = Inactive<br><br>The client_type_id value is a foreign key reference to the client_types table. | `<RecordID id="client_id" req="yes" status="edit only" dt="numeric" fp="-13851" lookup="no"></RecordID>`<br>`<addr_1 req="no" status="add\edit" dt="string" fp="-13854" lookup="no"></addr_1>`<br>`<addr_2 req="no" status="add\edit" dt="string" fp="-13855" lookup="no"></addr_2>`<br>`<addr_3 req="no" status="add\edit" dt="string" fp="-13856" lookup="no"></addr_3>`<br>`<city req="no" status="add\edit" dt="string" fp="-13857" lookup="no"></city>`<br>`<client_type_id req="no" status="add\edit" dt="numeric" fp="-13852" lookup="yes"></client_type_id>`<br>`<country req="no" status="add\edit" dt="string" fp="-13860" lookup="no"></country>`<br>`<description req="no" status="add\edit" dt="string" fp="-13867" lookup="no"></description>`<br>`<email req="no" status="add\edit" dt="string" fp="-13864" lookup="no"></email>`<br>`<fax req="no" status="add\edit" dt="string" fp="-13862" lookup="no"></fax>`<br>`<modified_date req="no" status="read only" dt="date" fp="-13865" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-13866" lookup="yes"></modified_user>`<br>`<name req="yes" status="add\edit" dt="string" fp="-13853" lookup="no"></name>`<br>`<phone req="no" status="add\edit" dt="string" fp="-13861" lookup="no"></phone>`<br>`<state req="no" status="add\edit" dt="string" fp="-13858" lookup="no"></state>`<br>`<status req="no" status="add\edit" dt="numeric" fp="-14422" lookup="yes"></status>`<br>`<url req="no" status="add\edit" dt="string" fp="-13863" lookup="no"></url>`<br>`<zipcode req="no" status="add\edit" dt="string" fp="-13859" lookup="no"></zipcode>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>   `<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>` |

| Object Information | XML Data |
|---|---|
| | </EXTVALUExxx> |

## Commitments

| Object Information | XML Data |
|---|---|
| The committed_fund_id value is a primary key of the committed_fund table.<br><br>The Commitment Status value codes are:<br><br>• 1 = Draft<br>• 2 = Pending Authorization Tree Approval<br>• 3 = Pending Pooled Approval<br>• 4 = Pending Funding Account Owner Approval<br>• 5 = Approved<br>• 6 = Pending Authorization Tree Reapproval<br>• 7 = Pending Pooled Reapproval<br>• 8 = Pending Funding Account Owner Reapproval<br>• 9 = Rejected Authorization Tree Approval<br>• 10 = Rejected Pooled Approval<br>• 11 = Rejected Funding Account Owner Approval<br>• 12 = Closed<br>• 13 = Canceled<br><br><br>The committed_fund_item_id value is a primary key of the committed_fund_items table.<br><br>The Closed Item value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br><br>The activity_id value is a foreign key reference to the activities table.<br><br>The exchange_rate_id value is a foreign key reference to the currency_exchange_rates table.<br><br>The exp_cat_id value is a foreign key reference to the exp_categories table. | `<RecordID id="committed_fund_id" req="yes" status="edit only" dt="numeric" fp="-2146" lookup="no"></RecordID>`<br><br>`<com_fund_status req="yes" status="add\edit" dt="numeric" fp="-15737" lookup="yes"></com_fund_status>`<br><br>`<com_fund_type_id req="no" status="add\edit" dt="numeric" fp="-6191" lookup="yes"></com_fund_type_id>`<br><br>`<created_date req="no" status="read only" dt="date" fp="-2271" lookup="no"></created_date>`<br><br>`<creator_id req="no" status="read only" dt="numeric" fp="-2270" lookup="yes"></creator_id>`<br><br>`<currency_code req="yes" status="add\edit" dt="numeric" fp="-2156" lookup="yes"></currency_code>`<br><br>`<description req="no" status="add\edit" dt="string" fp="-2155" lookup="no"></description>`<br><br>`<modified_date req="no" status="read only" dt="date" fp="-2159" lookup="no"></modified_date>`<br><br>`<modified_user req="no" status="read only" dt="numeric" fp="-2158" lookup="yes"></modified_user>`<br><br>`<Outstanding req="no" status="read only" dt="string" fp="-15744" lookup="no"></Outstanding>`<br><br>`<owner_id req="yes" status="add\edit" dt="numeric" fp="-2157" lookup="yes"></owner_id>`<br><br>`<po_number req="no" status="add\edit" dt="string" fp="-2151" lookup="no"></po_number>`<br><br>`<reviewed_by req="no" status="add\edit" dt="numeric" fp="-6224" lookup="yes"></reviewed_by>`<br><br>`<reviewed_date req="no" status="add\edit" dt="date" fp="-6222" lookup="no"></reviewed_date>`<br><br>`<supplier_id req="yes" status="add\edit" dt="numeric" fp="-3933" lookup="yes"></supplier_id>`<br><br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br><br>   `<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br><br>`</EXTVALUExxx>`<br><br>`<CommittedFundItems Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br><br>   `<CommittedFundItem>`<br><br>      `<committed_fund_item_id req="yes" status="edit only" dt="numeric" fp="-2816" lookup="no"></committed_fund_item_id>`<br><br>      `<activity_id req="yes" status="add\edit" dt="numeric" fp="-2819" lookup="yes"></activity_id>`<br><br>      `<closed req="no" status="read only" dt="numeric" fp="-16208" lookup="no"></closed>`<br><br>      `<closed req="no" status="add\edit" dt="numeric" fp="-15782" lookup="yes"></closed>`<br><br>      `<committed_fund_id req="no" status="read only" dt="numeric" fp="-2817" lookup="no"></committed_fund_id>`<br><br>      `<description req="yes" status="add\edit" dt="string" fp="-2818" lookup="no"></description>` |

| Object Information | XML Data |
| --- | --- |
| The fiscal_period_id value is a foreign key reference to the fiscal_periods table.<br><br>The fiscal_period_id value is a foreign key reference to the fiscal_periods table.<br><br>The fiscal_year_id value is a foreign key reference to the fiscal_years table.<br><br>The com_fund_type_id value is a foreign key reference to the committed_fund_types table.<br><br>The creator_id value is a foreign key reference to the user_group table.<br><br>The currency_code value is a foreign key reference to the currency_codes table.<br><br>The modified_user value is a foreign key reference to the user_group table.<br><br>The owner_id value is a foreign key reference to the user_group table.<br><br>The reviewed_by value is a foreign key reference to the user_group table.<br><br>The supplier_id value is a foreign key reference to the suppliers table. | `<exchange_rate_id req="no" status="read only" dt="numeric" fp="-15781" lookup="no"></exchange_rate_id>`<br>`<exp_cat_id req="no" status="add\edit" dt="numeric" fp="-15780" lookup="yes"></exp_cat_id>`<br>`<fiscal_period_id req="yes" status="add\edit" dt="numeric" fp="-15784" lookup="yes"></fiscal_period_id>`<br>`<fiscal_period_id req="no" status="read only" dt="numeric" fp="-17349" lookup="yes"></fiscal_period_id>`<br>`<fiscal_year_id req="yes" status="add\edit" dt="numeric" fp="-15783" lookup="yes"></fiscal_year_id>`<br>`<price req="yes" status="add\edit" dt="numeric" fp="-15786" lookup="no"></price>`<br>`<quantity req="yes" status="add\edit" dt="numeric" fp="-15785" lookup="no"></quantity>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`  </CommittedFundItem>`<br>`</CommittedFundItems>` |

**Companies**

| Object Information | XML Data |
| --- | --- |
| The company_id value is a primary key of the companies table.<br>The dist_group_of_record_id value is a primary key of the dist_groups_of_record table.<br>The Assignment mode value codes are:<br>• 1 = Draft<br>• 2 = Production<br><br>The audience_member_id value is a foreign key reference to the audience_members table.<br>The product_id value is a foreign key reference to the product_repository table. | `<RecordID id="company_id" req="yes" status="edit only" dt="numeric" fp="-207" lookup="no"></RecordID>`<br>`<addr_1 req="no" status="add\edit" dt="string" fp="-1433" lookup="no"></addr_1>`<br>`<addr_2 req="no" status="add\edit" dt="string" fp="-1434" lookup="no"></addr_2>`<br>`<addr_3 req="no" status="add\edit" dt="string" fp="-1435" lookup="no"></addr_3>`<br>`<city req="no" status="add\edit" dt="string" fp="-200" lookup="no"></city>`<br>`<company_type_id req="no" status="add\edit" dt="numeric" fp="-1379" lookup="yes"></company_type_id>`<br>`<country req="no" status="add\edit" dt="string" fp="-204" lookup="no"></country>`<br>`<description req="no" status="add\edit" dt="string" fp="-1602" lookup="no"></description>`<br>`<email req="no" status="add\edit" dt="string" fp="-373" lookup="no"></email>`<br>`<fax req="no" status="add\edit" dt="string" fp="-371" lookup="no"></fax>` |

| Object Information | XML Data |
|---|---|
| The rep_id value is a foreign key reference to the participants table.<br><br>The terr_dist_group_id value is a foreign key reference to the terr_distribution_groups table.<br><br>The company_id value is a primary key of the company_domains table.<br><br>The scs_id value is a foreign key reference to the classification_schema table.<br><br>The company_type_id value is a foreign key reference to the company_types table.<br><br>The MergeIDs value is a comma delimited list of IDs that will be merged into the Company identified by RecordID. | `<MergeIDs req="no" status="edit only" dt="string" fp="-17801" lookup="no"></MergeIDs>`<br>`<modified_date req="no" status="read only" dt="date" fp="-3169" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-3170" lookup="yes"></modified_user>`<br>`<name req="yes" status="add\edit" dt="string" fp="-206" lookup="no"></name>`<br>`<parent_id req="no" status="add\edit" dt="numeric" fp="-203" lookup="yes"></parent_id>`<br>`<phone req="no" status="add\edit" dt="string" fp="-370" lookup="no"></phone>`<br>`<state req="no" status="add\edit" dt="string" fp="-201" lookup="no"></state>`<br>`<url req="no" status="add\edit" dt="string" fp="-372" lookup="no"></url>`<br>`<zipcode req="no" status="add\edit" dt="string" fp="-202" lookup="no"></zipcode>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<DistributionGroups Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <DistributionGroup>`<br>`        <dist_group_of_record_id req="yes" status="edit only" dt="numeric" fp="-3710" lookup="no"></dist_group_of_record_id>`<br>`        <assignment_mode req="no" status="read only" dt="numeric" fp="-5025" lookup="yes"></assignment_mode>`<br>`        <audience_member_id req="no" status="read only" dt="numeric" fp="-3711" lookup="no"></audience_member_id>`<br>`        <company_id req="no" status="read only" dt="numeric" fp="-4732" lookup="no"></company_id>`<br>`        <modified_date req="no" status="read only" dt="date" fp="-3717" lookup="no"></modified_date>`<br>`        <modified_user req="no" status="read only" dt="numeric" fp="-3716" lookup="yes"></modified_user>`<br>`        <product_id req="no" status="add\edit" dt="numeric" fp="-3712" lookup="yes"></product_id>`<br>`        <rep_id req="no" status="add\edit" dt="numeric" fp="-3715" lookup="yes"></rep_id>`<br>`        <terr_dist_group_id req="yes" status="add\edit" dt="numeric" fp="-3714" lookup="yes"></terr_dist_group_id>`<br>`    </DistributionGroup>`<br>`</DistributionGroups>`<br>`<Domains Type="collection" Mode="Drop and Replace">`<br>`    <Domain>`<br>`        <company_id req="no" status="read only" dt="numeric" fp="-3568" lookup="no"></company_id>`<br>`        <scs_id req="yes" status="add\edit" dt="numeric" fp="-3569" lookup="yes"></scs_id>`<br>`    </Domain>`<br>`</Domains>` |

**Currency Codes**

| Object Information | XML Data |
|---|---|
| The currency_code value is a primary key of the currency_codes table.<br><br>The Status value codes are:<br><br>&bull;   1 = Active<br>&bull;   0 = Inactive<br><br>The encoded_title_id value is a foreign key reference to the encoded_titles table. | &lt;RecordID id="currency_code" req="yes" status="edit only" dt="numeric" fp="-392" lookup="no"&gt;&lt;/RecordID&gt;<br>&lt;abbreviation req="yes" status="add\edit" dt="string" fp="-15115" lookup="no"&gt;&lt;/abbreviation&gt;<br>&lt;currency_symbol req="yes" status="add\edit" dt="string" fp="-3753" lookup="no"&gt;&lt;/currency_symbol&gt;<br>&lt;decimals_displayed req="yes" status="add\edit" dt="numeric" fp="-3754" lookup="no"&gt;&lt;/decimals_displayed&gt;<br>&lt;description req="no" status="read only" dt="string" fp="-15116" lookup="no"&gt;&lt;/description&gt;<br>&lt;encoded_title_id req="no" status="read only" dt="numeric" fp="-15117" lookup="no"&gt;&lt;/encoded_title_id&gt;<br>&lt;euro_currency req="no" status="read only" dt="numeric" fp="-3755" lookup="no"&gt;&lt;/euro_currency&gt;<br>&lt;euro_exchange_rate req="no" status="read only" dt="numeric" fp="-2297" lookup="no"&gt;&lt;/euro_exchange_rate&gt;<br>&lt;latest_exchange_rate req="no" status="read only" dt="string" fp="-16194" lookup="no"&gt;&lt;/latest_exchange_rate&gt;<br>&lt;latest_exchange_rate_date req="no" status="read only" dt="string" fp="-15422" lookup="no"&gt;&lt;/latest_exchange_rate_date&gt;<br>&lt;modified_date req="no" status="read only" dt="date" fp="-16074" lookup="no"&gt;&lt;/modified_date&gt;<br>&lt;modified_user req="no" status="read only" dt="numeric" fp="-16073" lookup="yes"&gt;&lt;/modified_user&gt;<br>&lt;predated_rate_gw req="no" status="add\edit" dt="string" fp="-17406" lookup="no"&gt;&lt;/predated_rate_gw&gt;<br>&lt;is_visible req="yes" status="add\edit" dt="numeric" fp="-398" lookup="yes"&gt;&lt;/is_visible&gt;<br>&lt;symbol_location req="yes" status="add\edit" dt="string" fp="-15118" lookup="no"&gt;&lt;/symbol_location&gt; |

**Currency Exchange Rates**

| Object Information | XML Data |
|---|---|
| The exchange_rate_id value is a primary key of the currency_exchange_rates table.<br><br>The currency_code value is a foreign key reference to the currency_codes table. | &lt;RecordID id="exchange_rate_id" req="no" status="read only" dt="numeric" fp="-15204" lookup="no"&gt;&lt;/RecordID&gt;<br>&lt;currency_code req="yes" status="add only" dt="numeric" fp="-15205" lookup="yes"&gt;&lt;/currency_code&gt;<br>&lt;effective_date req="yes" status="add\edit" dt="date" fp="-15206" lookup="no"&gt;&lt;/effective_date&gt;<br>&lt;exchange_rate req="yes" status="add\edit" dt="numeric" fp="-15208" lookup="no"&gt;&lt;/exchange_rate&gt; |

**Digital Assets**

| Object Information | XML Data |
|---|---|
| The asset_id value is a primary key of the assets table.<br>The asset_status value codes are: | &lt;RecordID id="asset_id" req="yes" status="edit only" dt="numeric" fp="-789" lookup="no"&gt;&lt;/RecordID&gt;<br>&lt;asset_status req="yes" status="add\edit" dt="numeric" fp="-792" lookup="yes"&gt;&lt;/asset_status&gt; |

| Object Information | XML Data |
|---|---|
| • 0 = Inactive<br>• 1 = Active<br>• 2 = Expired<br><br>The Use Restriction Status value codes are:<br>• 1 = Available<br>• 0 = Unavailable<br><br>The template_status value codes are:<br>• 1 = Active<br>• 0 = Inactive<br><br>The template_type value codes are:<br>• 0 = < None ><br>• 1 = Collateral Customizer<br>• 2 = Ad Builder<br><br>The visible_in_portal value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The scs_id value is a foreign key reference to the classification_schema table.<br><br>The asset_expire_lookup_id value is a primary key of the asset_expire_notif table.<br><br>The asset_id value is a primary key of the asset_expire_notif table.<br><br>The asset_expire_lookup_id value is a foreign key reference to the asset_expire_notif_lookup table.<br><br>The category_id value is a foreign key reference to the asset_categorys table.<br><br>The category_id value is a foreign key reference to the asset_categorys table.<br><br>The package_id value is a foreign key reference to the asset_packages table.<br><br>The version_id value is a primary key of the | `<checked_out_by req="no" status="read only" dt="numeric" fp="-15470" lookup="yes"></checked_out_by>`<br>`<checked_out_date req="no" status="read only" dt="date" fp="-15471" lookup="no"></checked_out_date>`<br>`<created_date req="no" status="read only" dt="date" fp="-10003" lookup="no"></created_date>`<br>`<description req="no" status="add\edit" dt="string" fp="-1895" lookup="no"></description>`<br>`<expiration_date req="no" status="add\edit" dt="date" fp="-14026" lookup="no"></expiration_date>`<br>`<keywords req="no" status="add\edit" dt="string" fp="-1896" lookup="no"></keywords>`<br>`<locked_by req="no" status="read only" dt="numeric" fp="-15468" lookup="yes"></locked_by>`<br>`<locked_date req="no" status="read only" dt="date" fp="-15469" lookup="no"></locked_date>`<br>`<modified_date req="no" status="read only" dt="date" fp="-1901" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-1898" lookup="yes"></modified_user>`<br>`<notify_download_days req="no" status="add\edit" dt="numeric" fp="-14027" lookup="no"></notify_download_days>`<br>`<notify_pod_days req="no" status="add\edit" dt="numeric" fp="-14028" lookup="no"></notify_pod_days>`<br>`<owner_id req="yes" status="add\edit" dt="numeric" fp="-14025" lookup="yes"></owner_id>`<br>`<portal_expiration_date req="no" status="add\edit" dt="date" fp="-10004" lookup="no"></portal_expiration_date>`<br>`<restriction_status req="yes" status="add\edit" dt="numeric" fp="-1899" lookup="yes"></restriction_status>`<br>`<restrictions req="no" status="add\edit" dt="string" fp="-1900" lookup="no"></restrictions>`<br>`<template_status req="no" status="read only" dt="numeric" fp="-10062" lookup="yes"></template_status>`<br>`<template_type req="no" status="read only" dt="numeric" fp="-10061" lookup="yes"></template_type>`<br>`<title req="yes" status="add\edit" dt="string" fp="-790" lookup="no"></title>`<br>`<type req="yes" status="add\edit" dt="numeric" fp="-791" lookup="yes"></type>`<br>`<visible_in_portal req="yes" status="add\edit" dt="numeric" fp="-10164" lookup="yes"></visible_in_portal>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<Domains Type="collection" Mode="Drop and Replace">`<br>`    <Domain>`<br>`        <asset_id req="no" status="read only" dt="numeric" fp="-4281" lookup="no"></asset_id>`<br>`        <scs_id req="yes" status="add\edit" dt="numeric" fp="-4282" lookup="yes"></scs_id>`<br>`    </Domain>`<br>`</Domains>`<br>`<ExpirationNoticeRecipients Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <ExpirationNoticeRecipient>` |

| Object Information | XML Data |
|---|---|
| asset_versions table.<br><br>The Version Default value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br><br>The owner_id value is a foreign key reference to the user_group table.<br><br>The type value is a foreign key reference to the asset_types table. | `<asset_expire_lookup_id req="yes" status="add only" dt="numeric" fp="-14064" lookup="no"></asset_expire_lookup_id>`<br>`<asset_id req="no" status="read only" dt="numeric" fp="-14890" lookup="no"></asset_id>`<br>`</ExpirationNoticeRecipient>`<br>`</ExpirationNoticeRecipients>`<br>`<Folders Type="collection" Mode="Drop and Replace">`<br>`<Folder>`<br>`<asset_id req="no" status="read only" dt="numeric" fp="-4280" lookup="yes"></asset_id>`<br>`<category_id req="yes" status="add\edit" dt="numeric" fp="-4279" lookup="yes"></category_id>`<br>`<category_id req="no" status="read only" dt="numeric" fp="-10047" lookup="yes"></category_id>`<br>`</Folder>`<br>`</Folders>`<br>`<Packages Type="collection" Mode="Drop and Replace">`<br>`<Package>`<br>`<asset_id req="no" status="read only" dt="numeric" fp="-4283" lookup="no"></asset_id>`<br>`<package_id req="yes" status="add\edit" dt="numeric" fp="-4284" lookup="yes"></package_id>`<br>`</Package>`<br>`</Packages>`<br>`<Versions Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`<Version>`<br>`<version_id req="yes" status="edit only" dt="numeric" fp="-1912" lookup="no"></version_id>`<br>`<asset_id req="no" status="read only" dt="numeric" fp="-1922" lookup="no"></asset_id>`<br>`<created_date req="no" status="read only" dt="date" fp="-16573" lookup="no"></created_date>`<br>`<default_version req="yes" status="add\edit" dt="numeric" fp="-2657" lookup="yes"></default_version>`<br>`<description req="no" status="add\edit" dt="string" fp="-1914" lookup="no"></description>`<br>`<modified_date req="no" status="read only" dt="date" fp="-1921" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-1920" lookup="yes"></modified_user>`<br>`<version_date req="yes" status="add\edit" dt="date" fp="-1916" lookup="no"></version_date>`<br>`<version_number req="yes" status="add\edit" dt="string" fp="-1915" lookup="no"></version_number>`<br>`</Version>`<br>`</Versions>` |

**Distribution Groups**

| Object Information | XML Data |
|---|---|
| The Group Status value codes are:<br>&bull; 1 = Active<br>&bull; 0 = Inactive<br><br>The Distribution Method value codes are:<br>&bull; 1 = Even<br>&bull; 2 = Weighted<br><br>The terr_dist_group_id value is a primary key of the terr_distribution_groups table.<br>The assignment_id value is a foreign key reference to the participants table.<br>The assignment_id value is a foreign key reference to the participants table.<br>The assignment_id value is a foreign key reference to the participants table.<br>The scs_id value is a foreign key reference to the classification_schema table.<br>The assignment_id value is a foreign key reference to the participants table.<br>The dist_group_product_id value is a primary key of the dist_group_products table.<br>The Status value codes are:<br>&bull; 1 = Active<br>&bull; 0 = Inactive<br><br>The product_category_id value is a foreign key reference to the product_category table.<br>The product_id value is a foreign key reference to the product_repository table.<br>The territory_id value is a foreign key reference to the territories table.<br>The country value is a foreign key reference to the proximity_countries table. | <RecordID id="terr_dist_group_id" req="yes" status="edit only" dt="numeric" fp="-1804" lookup="no" expanded="no"></RecordID><br>< active_flag req="yes" status="add\edit" dt="numeric" fp="-2255" lookup="yes"></active_flag><br><country req="no" status="add\edit" dt="string" fp="-2259" lookup="yes"></country><br><distribution_method req="yes" status="add\edit" dt="numeric" fp="-1807" lookup="yes"></distribution_method><br><factor req="no" status="add\edit" dt="numeric" fp="-2261" lookup="no"></factor><br><modified_date req="no" status="read only" dt="date" fp="-3187" lookup="no"></modified_date><br><modified_user req="no" status="read only" dt="numeric" fp="-3188" lookup="yes"></modified_user><br><postal_code req="no" status="add\edit" dt="string" fp="-2260" lookup="no"></postal_code><br><title req="yes" status="add\edit" dt="string" fp="-1805" lookup="no"></title><br><proximity_support req="no" status="add\edit" dt="" fp="-2258" lookup="no"></proximity_support><br><RecordID id="terr_dist_group_id" req="yes" status="edit only" dt="numeric" fp="-1804" lookup="no"></RecordID><br><EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"><br>    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value><br></EXTVALUExxx><br><DistributionGroupMembers Type="collection" Mode="Drop and Replace"><br>    <DistributionGroupMember><br>        <assignment_id req="yes" status="add\edit" dt="numeric" fp="-4721" lookup="yes"></assignment_id><br>        <assignment_id req="no" status="read only" dt="numeric" fp="-5244" lookup="yes"></assignment_id><br>        <assignment_id req="no" status="read only" dt="numeric" fp="-5243" lookup="yes"></assignment_id><br>        <draft_current_count req="no" status="read only" dt="numeric" fp="-4725" lookup="no"></draft_current_count><br>        <draft_master_count req="no" status="read only" dt="numeric" fp="-4724" lookup="no"></draft_master_count><br>        <prod_current_count req="no" status="read only" dt="numeric" fp="-4727" lookup="no"></prod_current_count><br>        <prod_master_count req="no" status="read only" dt="numeric" fp="-4726" lookup="no"></prod_master_count><br>        <terr_dist_group_id req="no" status="read only" dt="numeric" fp="-4720" lookup="no"></terr_dist_group_id><br>        <type req="no" status="read only" dt="numeric" fp="-4722" lookup="no"></type><br>        <weight req="no" status="add\edit" dt="numeric" fp="-4723" lookup="no"></weight><br>    </DistributionGroupMember><br></DistributionGroupMembers><br><Domains Type="collection" Mode="Drop and Replace"><br>    <Domain> |

| Object Information | XML Data |
|---|---|
| | &lt;scs_id req="yes" status="add\edit" dt="numeric" fp="-4768" lookup="yes"&gt;&lt;/scs_id&gt;<br>&lt;terr_dist_group_id req="no" status="read only" dt="numeric" fp="-4767" lookup="no"&gt;&lt;/terr_dist_group_id&gt;<br>  &lt;/Domain&gt;<br>&lt;/Domains&gt;<br>&lt;EscalationContacts Type="collection" Mode="Drop and Replace"&gt;<br>  &lt;EscalationContact&gt;<br>    &lt;assignment_id req="yes" status="add\edit" dt="numeric" fp="-5429" lookup="yes"&gt;&lt;/assignment_id&gt;<br>    &lt;draft_current_count req="no" status="read only" dt="numeric" fp="-5430" lookup="no"&gt;&lt;/draft_current_count&gt;<br>    &lt;draft_master_count req="no" status="read only" dt="numeric" fp="-5431" lookup="no"&gt;&lt;/draft_master_count&gt;<br>    &lt;prod_current_count req="no" status="read only" dt="numeric" fp="-5432" lookup="no"&gt;&lt;/prod_current_count&gt;<br>    &lt;prod_master_count req="no" status="read only" dt="numeric" fp="-5433" lookup="no"&gt;&lt;/prod_master_count&gt;<br>    &lt;terr_dist_group_id req="no" status="read only" dt="numeric" fp="-5434" lookup="no"&gt;&lt;/terr_dist_group_id&gt;<br>    &lt;type req="no" status="read only" dt="numeric" fp="-5435" lookup="no"&gt;&lt;/type&gt;<br>    &lt;weight req="no" status="read only" dt="numeric" fp="-5436" lookup="no"&gt;&lt;/weight&gt;<br>  &lt;/EscalationContact&gt;<br>&lt;/EscalationContacts&gt;<br>&lt;Products Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4"&gt;<br>  &lt;Product&gt;<br>    &lt;dist_group_product_id req="yes" status="edit only" dt="numeric" fp="-4782" lookup="no"&gt;&lt;/dist_group_product_id&gt;<br>    &lt;priority req="yes" status="add\edit" dt="numeric" fp="-3721" lookup="no"&gt;&lt;/priority&gt;<br>    &lt;product_category_id req="no" status="add\edit" dt="numeric" fp="-4862" lookup="yes"&gt;&lt;/product_category_id&gt;<br>    &lt;product_id req="no" status="add\edit" dt="numeric" fp="-3719" lookup="yes"&gt;&lt;/product_id&gt;<br>    &lt;radius req="yes" status="add\edit" dt="numeric" fp="-3720" lookup="no"&gt;&lt;/radius&gt;<br>    &lt;status req="yes" status="add\edit" dt="numeric" fp="-3722" lookup="yes"&gt;&lt;/status&gt;<br>    &lt;terr_dist_group_id req="no" status="read only" dt="numeric" fp="-4788" lookup="no"&gt;&lt;/terr_dist_group_id&gt;<br>    &lt;terr_dist_group_id req="no" status="read only" dt="numeric" fp="-3718" lookup="yes"&gt;&lt;/terr_dist_group_id&gt;<br>  &lt;/Product&gt;<br>&lt;/Products&gt;<br>&lt;Statistics Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4"&gt;<br>  &lt;Statistic&gt;<br>    &lt;current_count req="no" status="read only" dt="numeric" fp="-4819" lookup="no"&gt;&lt;/current_count&gt;<br>    &lt;master_count req="no" status="read only" dt="numeric" fp="-4820" lookup="no"&gt;&lt;/master_count&gt; |

| Object Information | XML Data |
|---|---|
| | &lt;terr_dist_group_id req="no" status="read only" dt="numeric" fp="-3356" lookup="yes"&gt;&lt;/terr_dist_group_id&gt; |
| | &lt;terr_dist_group_id req="no" status="read only" dt="numeric" fp="-4823" lookup="no"&gt;&lt;/terr_dist_group_id&gt; |
| | &lt;territory_id req="no" status="read only" dt="numeric" fp="-3357" lookup="no"&gt;&lt;/territory_id&gt; |
| | &lt;weight req="no" status="read only" dt="numeric" fp="-4818" lookup="no"&gt;&lt;/weight&gt; |
| |   &lt;/Statistic&gt; |
| | &lt;/Statistics&gt; |

### Expense Categories

| Object Information | XML Data |
|---|---|
| The exp_cat_id value is a primary key of the exp_categories table.<br><br>The allow_add value codes are:<br><br>&bull; 1 = Yes<br>&bull; 0 = No<br><br>The encoded_title_id value is a foreign key reference to the encoded_titles table.<br><br>The fiscal_year_id value is a foreign key reference to the fiscal_years table.<br><br>The scs_id value is a foreign key reference to the classification_schema table. | &lt;RecordID id="exp_cat_id" req="yes" status="edit only" dt="numeric" fp="-15630" lookup="no"&gt;&lt;/RecordID&gt;<br>&lt;allow_add req="yes" status="edit only" dt="numeric" fp="-15633" lookup="yes"&gt;&lt;/allow_add&gt;<br>&lt;description req="no" status="add\edit" dt="string" fp="-15632" lookup="no"&gt;&lt;/description&gt;<br>&lt;encoded_title_id req="no" status="add\edit" dt="numeric" fp="-15631" lookup="no"&gt;&lt;/encoded_title_id&gt;<br>&lt;fiscal_year_id req="yes" status="add\edit" dt="numeric" fp="-15636" lookup="yes"&gt;&lt;/fiscal_year_id&gt;<br>&lt;is_used req="no" status="read only" dt="numeric" fp="-15637" lookup="no"&gt;&lt;/is_used&gt;<br>&lt;modified_date req="no" status="read only" dt="date" fp="-15634" lookup="no"&gt;&lt;/modified_date&gt;<br>&lt;modified_user req="no" status="read only" dt="numeric" fp="-15635" lookup="yes"&gt;&lt;/modified_user&gt;<br>&lt;scs_id req="no" status="add only" dt="numeric" fp="-15638" lookup="yes"&gt;&lt;/scs_id&gt; |

### Form Response History

| Object Information | XML Data |
|---|---|
| The form_result_id value is a primary key of the form_results table.<br><br>The form_result_field_id value is a primary key of the form_result_fields table.<br><br>The encoded_list_item_id value is a foreign key reference to the encoded_list_items table.<br><br>The field_id value is a foreign key reference to the | &lt;RecordID id="form_result_id" req="yes" status="edit only" dt="numeric" fp="-294" lookup="no"&gt;&lt;/RecordID&gt;<br>&lt;activity_id req="no" status="add\edit" dt="numeric" fp="-3285" lookup="no"&gt;&lt;/activity_id&gt;<br>&lt;audience_member_id req="no" status="add only" dt="numeric" fp="-3283" lookup="no"&gt;&lt;/audience_member_id&gt;<br>&lt;entry_date req="no" status="read only" dt="date" fp="-295" lookup="no"&gt;&lt;/entry_date&gt;<br>&lt;inbound_id req="no" status="read only" dt="numeric" fp="-3929" lookup="no"&gt;&lt;/inbound_id&gt;<br>&lt;interaction_id req="no" status="add only" dt="numeric" fp="-3928" lookup="no"&gt;&lt;/interaction_id&gt; |

| Object Information | XML Data |
|---|---|
| inbound_form_fields table.<br><br>The activity_id value is a foreign key reference to the activities table.<br><br>The audience_member_id value is a foreign key reference to the audience_members table.<br><br>The inbound_id value is a foreign key reference to the inbound_forms table.<br><br>The interaction_id value is a foreign key reference to the interactions table.<br><br>The lead_id value is a foreign key reference to the leads table.<br><br>The participant_id value is a foreign key reference to the participants table.<br><br>The step_id value is a foreign key reference to the interaction_steps table.<br><br>The supplier_id value is a foreign key reference to the suppliers table.<br><br>&lt;ActivityID&gt;&lt;/ActivityID&gt; and &lt;InboundID&gt;&lt;/InboundID&gt; need to be included for any request.<br><br>&lt;audience_member_id&gt;&lt;/audience_member_id&gt; is required when adding a form result.<br><br>&lt;field_id&gt;&lt;/field_id&gt; is required when adding a form result field. | `<lead_id req="no" status="add only" dt="numeric" fp="-3930" lookup="no"></lead_id>`<br>`<participant_id req="no" status="add only" dt="numeric" fp="-3267" lookup="no"></participant_id>`<br>`<step_id req="no" status="add only" dt="numeric" fp="-3927" lookup="no"></step_id>`<br>`<supplier_id req="no" status="add only" dt="numeric" fp="-3268" lookup="no"></supplier_id>`<br>`<ResultFields Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>  `<ResultField>`<br>    `<form_result_field_id req="yes" status="edit only" dt="numeric" fp="-1491" lookup="no"></form_result_field_id>`<br>    `<encoded_list_item_id req="no" status="add\edit" dt="numeric" fp="-5354" lookup="yes"></encoded_list_item_id>`<br>    `<field_datetime req="no" status="add\edit" dt="date" fp="-1496" lookup="no"></field_datetime>`<br>    `<field_id req="no" status="add only" dt="numeric" fp="-1493" lookup="no"></field_id>`<br>    `<field_label req="no" status="read only" dt="string" fp="-1494" lookup="no"></field_label>`<br>    `<field_number req="no" status="add\edit" dt="numeric" fp="-1497" lookup="no"></field_number>`<br>    `<field_value req="no" status="add\edit" dt="string" fp="-1495" lookup="no"></field_value>`<br>    `<form_result_id req="no" status="add\edit" dt="numeric" fp="-1492" lookup="no"></form_result_id>`<br>    `<is_multi req="no" status="read only" dt="numeric" fp="-5355" lookup="no"></is_multi>`<br>  `</ResultField>`<br>`</ResultFields>` |

**Funding Accounts**

> **Note**
> Commitments, Forecasts, Invoices, and Transfers are read-only summary objects that are directly based on budget information.

| Object Information | XML Data |
|---|---|
| The funding_acct_id value is a primary key of the funding_accounts table.<br><br>The account_source value codes are:<br>• 1 = Internal | `<RecordID id="funding_acct_id" req="yes" status="edit only" dt="numeric" fp="-14923" lookup="no"></RecordID>`<br>`<account_source req="no" status="add\edit" dt="numeric" fp="-14931" lookup="yes"></account_source>`<br>`<account_type req="yes" status="add\edit" dt="numeric" fp="-14929" lookup="yes"></account_type>`<br>`<active_date req="no" status="read only" dt="date" fp="-14936" lookup="no"></active_date>` |

| Object Information | XML Data |
|---|---|
| • 2 = External<br><br>The account_type value codes are:<br><br>• 1 = Draft<br>• 2 = Planned<br>• 3 = Unplanned<br>• 4 = Add<br>• 5 = Cut<br>• 6 = Forecast Only<br>• 7 = Migrated<br><br>The status value codes are:<br><br>• 1 = Active<br>• 3 = Closed<br>• 2 = Inactive<br><br>The fiscal_period_id value is a primary key of the funding_acct_budget table.<br><br>The funding_acct_id value is a primary key of the funding_acct_budget table.<br><br>The fiscal_period_id value is a foreign key reference to the fiscal_periods table.<br><br>The fiscal_period_id value is a primary key of the funding_acct_budget table.<br><br>The funding_acct_id value is a primary key of the funding_acct_budget table.<br><br>The fiscal_period_id value is a foreign key reference to the fiscal_periods table.<br><br>The fiscal_period_id value is a primary key of the funding_acct_budget table.<br><br>The funding_acct_id value is a primary key of the funding_acct_budget table.<br><br>The fiscal_period_id value is a foreign key reference to the fiscal_periods table.<br><br>The funding_acct_id value is a primary key of the funding_acct_gl_integration table.<br><br>The gl_integration_id value is a primary key of the | `<administrator_id req="yes" status="add\edit" dt="numeric" fp="-14932" lookup="yes"></administrator_id>`<br>`<creator_id req="no" status="read only" dt="numeric" fp="-14933" lookup="yes"></creator_id>`<br>`<currency_code req="yes" status="add\edit" dt="numeric" fp="-14928" lookup="yes"></currency_code>`<br>`<description req="no" status="add\edit" dt="string" fp="-14926" lookup="no"></description>`<br>`<exchange_rate_id req="no" status="read only" dt="numeric" fp="-16109" lookup="no"></exchange_rate_id>`<br>`<finance_group_id req="yes" status="add\edit" dt="numeric" fp="-14934" lookup="yes"></finance_group_id>`<br>`<fiscal_year_id req="yes" status="add\edit" dt="numeric" fp="-14927" lookup="yes"></fiscal_year_id>`<br>`<funding_acct_contact req="yes" status="add\edit" dt="numeric" fp="-14935" lookup="yes"></funding_acct_contact>`<br>`<funding_acct_prefix req="no" status="add\edit" dt="string" fp="-14924" lookup="no"></funding_acct_prefix>`<br>`<modified_date req="no" status="read only" dt="date" fp="-14939" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-14938" lookup="yes"></modified_user>`<br>`<scs_id req="no" status="add only" dt="numeric" fp="-14937" lookup="yes"></scs_id>`<br>`<status req="no" status="add\edit" dt="numeric" fp="-14930" lookup="yes"></status>`<br>`<title req="yes" status="add\edit" dt="string" fp="-14925" lookup="no"></title>`<br>`<total_yr_budget req="no" status="read only" dt="string" fp="-15340" lookup="no"></total_yr_budget>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<Budgets Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <Period>`<br>`        <fiscal_period_id req="no" status="edit only" dt="numeric" fp="-15177" lookup="no"></fiscal_period_id>`<br>`        <funding_acct_id req="no" status="read only" dt="numeric" fp="-15176" lookup="no"></funding_acct_id>`<br>`        <base_amount req="no" status="read only" dt="numeric" fp="-15412" lookup="no"></base_amount>`<br>`        <entered_amount req="yes" status="add\edit" dt="numeric" fp="-15178" lookup="no"></entered_amount>`<br>`    </Period>`<br>`</Budgets>`<br>`<Commitments Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <Period>`<br>`        <fiscal_period_id req="no" status="read only" dt="numeric" fp="-17368" lookup="no"></fiscal_period_id>`<br>`        <funding_acct_id req="no" status="read only" dt="numeric" fp="-17366" lookup="no"></funding_acct_id>`<br>`    </Period>`<br>`</Commitments>` |

| Object Information | XML Data |
|---|---|
| funding_acct_gl_integration table.<br><br>The gl_integration_id value is a foreign key reference to the gl_integration table.<br><br>The fiscal_period_id value is a primary key of the funding_acct_budget table.<br><br>The funding_acct_id value is a primary key of the funding_acct_budget table.<br><br>The fiscal_period_id value is a foreign key reference to the fiscal_periods table.<br><br>The fiscal_period_id value is a primary key of the funding_acct_budget table.<br><br>The funding_acct_id value is a primary key of the funding_acct_budget table.<br><br>The fiscal_period_id value is a foreign key reference to the fiscal_periods table.<br><br>The administrator_id value is a foreign key reference to the user_group table.<br><br>The creator_id value is a foreign key reference to the user_group table.<br><br>The currency_code value is a foreign key reference to the currency_codes table.<br><br>The exchange_rate_id value is a foreign key reference to the currency_exchange_rates table.<br><br>The finance_group_id value is a foreign key reference to the user_group table.<br><br>The fiscal_year_id value is a foreign key reference to the fiscal_years table.<br><br>The funding_acct_contact value is a foreign key reference to the user_group table.<br><br>The scs_id value is a foreign key reference to the classification_schema table. | `<Forecasts Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <Period>`<br>`        <fiscal_period_id req="no" status="read only" dt="numeric" fp="-17386" lookup="no"></fiscal_period_id>`<br>`        <funding_acct_id req="no" status="read only" dt="numeric" fp="-17385" lookup="no"></funding_acct_id>`<br>`    </Period>`<br>`</Forecasts>`<br>`<GLIntegration Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <GLInfo>`<br>`        <funding_acct_id req="no" status="read only" dt="numeric" fp="-15180" lookup="no"></funding_acct_id>`<br>`        <gl_integration_id req="no" status="add\edit" dt="numeric" fp="-15179" lookup="no"></gl_integration_id>`<br>`        <percentage req="yes" status="add\edit" dt="numeric" fp="-15181" lookup="no"></percentage>`<br>`    </GLInfo>`<br>`</GLIntegration>`<br>`<Invoices Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <Period>`<br>`        <fiscal_period_id req="no" status="read only" dt="numeric" fp="-17376" lookup="no"></fiscal_period_id>`<br>`        <funding_acct_id req="no" status="read only" dt="numeric" fp="-17375" lookup="no"></funding_acct_id>`<br>`    </Period>`<br>`</Invoices>`<br>`<Transfers Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <Period>`<br>`        <fiscal_period_id req="no" status="read only" dt="numeric" fp="-17361" lookup="no"></fiscal_period_id>`<br>`        <funding_acct_id req="no" status="read only" dt="numeric" fp="-17360" lookup="no"></funding_acct_id>`<br>`    </Period>`<br>`</Transfers>` |

**History Records**

| Object Information | XML Data |
|---|---|
| The history_record_id value is a primary key of the contact_history_template table.<br><br>The audience_member_id value is an unenforced foreign key reference to the audience_members table.<br><br>The data_source_id value is an unenforced foreign key reference to the import_datasources table.<br><br>Custom history type fields can be mapped for both publishing and interfacing.<br><br>The HistoryTypeID value is a foreign key reference to the contact_history_types table. This node is always required. | \<HistoryTypeID\>\</HistoryTypeID\><br>\<RecordID id="history_record_id" req="yes" status="edit only" dt="numeric" fp="-5265" lookup="no"\>\</RecordID\><br>\\</abstract\><br>\<audience_member_id req="no" status="add only" dt="numeric" fp="-5261" lookup="yes"\>\</audience_member_id\><br>\<data_source_id req="no" status="add\edit" dt="numeric" fp="-5262" lookup="no"\>\</data_source_id\><br>\<data_source_key req="no" status="add\edit" dt="string" fp="-5263" lookup="no"\>\</data_source_key\><br>\<history_record_date req="yes" status="add\edit" dt="date" fp="-5264" lookup="no"\>\</history_record_date\> |

**Households**

| Object Information | XML Data |
|---|---|
| The household_id value is a primary key of the households table.<br><br>The scs_id value is a primary key of the household_domains table.<br><br>The scs_id value is a foreign key reference to the classification_schema table. | \<RecordID id="household_id" req="yes" status="edit only" dt="numeric" fp="-500" lookup="no"\>\</RecordID\><br>\<description req="no" status="add\edit" dt="string" fp="-216" lookup="no"\>\</description\><br>\<modified_date req="no" status="read only" dt="date" fp="-2935" lookup="no"\>\</modified_date\><br>\<modified_user req="no" status="read only" dt="numeric" fp="-2934" lookup="yes"\>\</modified_user\><br>\<name req="yes" status="add\edit" dt="string" fp="-501" lookup="no"\>\</name\><br>\<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"\><br>  \<value lookup="Picklist - Enhanced, Multiple Selection"\>zero or more elements\</value\><br>\</EXTVALUExxx\><br>\<Domains Type="collection" Mode="Drop and Replace"\><br>  \<Domain\><br>    \<scs_id req="yes" status="add\edit" dt="numeric" fp="-3571" lookup="yes"\>\</scs_id\><br>    \<household_id req="no" status="read only" dt="numeric" fp="-3570" lookup="no"\>\</household_id\><br>  \</Domain\><br>\</Domains\> |

**Incentives**

| Object Information | XML Data |
|---|---|
| The incentive_id value is a primary key of the incentives table.<br><br>The active_flag value codes are:<br><br>• 1 = Active<br>• 0 = Inactive<br><br>The activity_specific value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br>The incentive_id value is a primary key of the incentive_costs table.<br><br>The incentive_cost_type_id value is a primary key of the incentive_costs table.<br><br>The incentive_cost_type_id value is a foreign key reference to the incentive_cost_types table.<br><br>The currency_code value is a foreign key reference to the currency_codes table.<br><br>The incentive_type_id value is a foreign key reference to the incentive_types table.<br><br>The scs_id value is a foreign key reference to the classification_schema table. | `<RecordID id="incentive_id" req="yes" status="edit only" dt="numeric" fp="-14188" lookup="no"></RecordID>`<br>`<active_flag req="yes" status="add\edit" dt="numeric" fp="-14183" lookup="yes"></active_flag>`<br>`<activity_specific req="no" status="read only" dt="numeric" fp="-14187" lookup="yes"></activity_specific>`<br>`<code req="no" status="add\edit" dt="string" fp="-14189" lookup="no"></code>`<br>`<currency_code req="yes" status="add\edit" dt="numeric" fp="-14191" lookup="yes"></currency_code>`<br>`<description req="no" status="add\edit" dt="string" fp="-14182" lookup="no"></description>`<br>`<incentive_type_id req="no" status="add\edit" dt="numeric" fp="-14184" lookup="yes"></incentive_type_id>`<br>`<modified_date req="no" status="read only" dt="date" fp="-14185" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-14181" lookup="yes"></modified_user>`<br>`<scs_id req="yes" status="add only" dt="numeric" fp="-14186" lookup="yes"></scs_id>`<br>`<title req="yes" status="add\edit" dt="string" fp="-14190" lookup="no"></title>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>   `<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<IncentiveCosts Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>   `<IncentiveCost>`<br>      `<incentive_id req="no" status="read only" dt="numeric" fp="-14224" lookup="no"></incentive_id>`<br>      `<incentive_cost_type_id req="yes" status="add\edit" dt="numeric" fp="-14220" lookup="yes"></incentive_cost_type_id>`<br>      `<actual_cost req="no" status="add\edit" dt="numeric" fp="-14217" lookup="no"></actual_cost>`<br>      `<actual_cost_base req="no" status="read only" dt="numeric" fp="-14223" lookup="no"></actual_cost_base>`<br>      `<estimated_cost req="no" status="add\edit" dt="numeric" fp="-14222" lookup="no"></estimated_cost>`<br>      `<estimated_cost_base req="no" status="read only" dt="numeric" fp="-14221" lookup="no"></estimated_cost_base>`<br>   `</IncentiveCost>`<br>`</IncentiveCosts>` |

**Invoices**

| Object Information | XML Data |
|---|---|
| The invoice_id value is a primary key of the invoices table. | `<RecordID id="invoice_id" req="yes" status="edit only" dt="numeric" fp="-122" lookup="no"></RecordID>` |

| Object Information | XML Data |
|---|---|
| The invoice_status value codes are:<br><br>• 0 = Draft<br>• 1 = Pending Authorization Tree Approval (Invoices)<br>• 2 = Pending Funding Account Contact Approval (Invoices)<br>• 3 = Pending Pooled Approval (Invoices)<br>• 4 = Pending Payment<br>• 5 = Pending Payment (Ready)<br>• 6 = Pending Payment (Sent)<br>• 7 = Paid<br>• 8 = Rejected Authorization Tree Approval (Invoices)<br>• 9 = Rejected Funding Account Contact Approval (Invoices)<br>• 10 = Rejected Pooled Approval (Invoices)<br>• 11 = Rejected at Accounts Payable<br>• 12 = Canceled<br><br>The item_id value is a primary key of the invoice_items table.<br><br>The activity_id value is a foreign key reference to the activities table.<br><br>The activity_id value is a foreign key reference to the activities table.<br><br>The committed_fund_item_id value is a foreign key reference to the committed_fund_items table.<br><br>The exp_cat_id value is a foreign key reference to the exp_categories table.<br><br>The exp_cat_id value is a foreign key reference to the exp_categories table.<br><br>The funding_acct_id value is a foreign key reference to the funding_accounts table.<br><br>The funding_acct_id value is a foreign key reference to the funding_accounts table.<br><br>The committed_fund_id value is a foreign key reference to the committed_fund table.<br><br>The contact_id value is a foreign key reference to the supplier_contacts table.<br><br>The creator_id value is a foreign key reference to the | `<committed_fund_id req="no" status="add\edit" dt="numeric" fp="-2080" lookup="no"></committed_fund_id>`<br>`<contact_id req="no" status="add\edit" dt="numeric" fp="-15284" lookup="yes"></contact_id>`<br>`<creator_id req="yes" status="add only" dt="numeric" fp="-15287" lookup="yes"></creator_id>`<br>`<currency_code req="yes" status="add\edit" dt="numeric" fp="-1891" lookup="yes"></currency_code>`<br>`<date_due req="no" status="read only" dt="date" fp="-168" lookup="no"></date_due>`<br>`<date_received req="no" status="add\edit" dt="date" fp="-167" lookup="no"></date_received>`<br>`<fiscal_year_id req="yes" status="add\edit" dt="numeric" fp="-15289" lookup="yes"></fiscal_year_id>`<br>`<invoice_date req="no" status="add\edit" dt="date" fp="-15288" lookup="no"></invoice_date>`<br>`<invoice_number req="yes" status="add\edit" dt="string" fp="-129" lookup="no"></invoice_number>`<br>`<invoice_status req="no" status="read only" dt="numeric" fp="-15286" lookup="yes"></invoice_status>`<br>`<invoice_type_id req="no" status="add\edit" dt="numeric" fp="-6136" lookup="yes"></invoice_type_id>`<br>`<modified_date req="no" status="read only" dt="date" fp="-2092" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-2091" lookup="yes"></modified_user>`<br>`<net req="no" status="read only" dt="numeric" fp="-15285" lookup="no"></net>`<br>`<paid_date req="no" status="add\edit" dt="date" fp="-2683" lookup="no"></paid_date>`<br>`<reviewed_by req="no" status="add\edit" dt="numeric" fp="-2311" lookup="yes"></reviewed_by>`<br>`<reviewed_date req="no" status="add\edit" dt="date" fp="-2312" lookup="no"></reviewed_date>`<br>`<supplier_id req="yes" status="add\edit" dt="numeric" fp="-3673" lookup="yes"></supplier_id>`<br>`<total_invoice req="no" status="read only" dt="numeric" fp="-170" lookup="no"></total_invoice>`<br>`<user_id req="yes" status="add\edit" dt="numeric" fp="-2081" lookup="yes"></user_id>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<InvoiceItems Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <InvoiceItem>`<br>`        <item_id req="yes" status="edit only" dt="numeric" fp="-2083" lookup="no"></item_id>`<br>`        <activity_id req="yes" status="add\edit" dt="numeric" fp="-557" lookup="yes"></activity_id>`<br>`        <activity_id req="no" status="read only" dt="numeric" fp="-17353" lookup="no"></activity_id>`<br>`        <committed_fund_item_id req="no" status="add\edit" dt="numeric" fp="-15312" lookup="yes"></committed_fund_item_id>`<br>`        <description req="yes" status="add\edit" dt="string" fp="-554" lookup="no"></description>`<br>`        <exp_cat_id req="no" status="read only" dt="numeric" fp="-16116" lookup="no"></exp_cat_id>`<br>`        <exp_cat_id req="no" status="add\edit" dt="numeric" fp="-15310" lookup="yes"></exp_cat_id>` |

| Object Information | XML Data |
|---|---|
| user_group table.<br><br>The currency_code value is a foreign key reference to the currency_codes table.<br><br>The fiscal_year_id value is a foreign key reference to the fiscal_years table.<br><br>The invoice_type_id value is a foreign key reference to the invoice_types table.<br><br>The reviewed_by value is a foreign key reference to the user_group table.<br><br>The supplier_id value is a foreign key reference to the suppliers table.<br><br>The user_id value is a foreign key reference to the user_group table. |     &lt;funding_acct_id req="no" status="read only" dt="numeric" fp="-15806" lookup="no"&gt;&lt;/funding_acct_id&gt;<br>    &lt;funding_acct_id req="no" status="add\edit" dt="numeric" fp="-15311" lookup="yes"&gt;&lt;/funding_acct_id&gt;<br>    &lt;invoice_id req="no" status="read only" dt="numeric" fp="-3581" lookup="no"&gt;&lt;/invoice_id&gt;<br>    &lt;price req="yes" status="add\edit" dt="numeric" fp="-556" lookup="no"&gt;&lt;/price&gt;<br>    &lt;quantity req="yes" status="add\edit" dt="numeric" fp="-555" lookup="no"&gt;&lt;/quantity&gt;<br>    &lt;EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"&gt;<br>      &lt;value lookup="Picklist - Enhanced, Multiple Selection"&gt;zero or more elements&lt;/value&gt;<br>    &lt;/EXTVALUExxx&gt;<br>  &lt;/InvoiceItem&gt;<br>&lt;/InvoiceItems&gt; |

**Journal Vouchers**

| Object Information | XML Data |
|---|---|
| The journal_voucher_id value is a primary key of the journal_vouchers table.<br><br>The journal_voucher_status value codes are:<br><br>  • 1 = Draft<br>  • 2 = Pending Reconciliation - Ready<br>  • 3 = Pending Reconciliation - Sent<br>  • 4 = Pending Reconciliation<br>  • 5 = Reconciled<br>  • 6 = Canceled<br>  • 7 = Rejected Accounts Payable<br><br>The send_to_gl_integration value codes are:<br><br>  • 1 = Yes<br>  • 0 = No<br><br>The jv_item_id value is a primary key of the jv_items table.<br><br>The activity_id value is a foreign key reference to the activities table. | &lt;RecordID id="journal_voucher_id" req="yes" status="edit only" dt="numeric" fp="-15855" lookup="no"&gt;&lt;/RecordID&gt;<br>&lt;committed_fund_id req="no" status="add\edit" dt="numeric" fp="-15857" lookup="no"&gt;&lt;/committed_fund_id&gt;<br>&lt;contact_id req="no" status="add\edit" dt="numeric" fp="-15859" lookup="yes"&gt;&lt;/contact_id&gt;<br>&lt;creator_id req="yes" status="add only" dt="numeric" fp="-15863" lookup="yes"&gt;&lt;/creator_id&gt;<br>&lt;currency_code req="yes" status="add\edit" dt="numeric" fp="-15861" lookup="yes"&gt;&lt;/currency_code&gt;<br>&lt;exchange_rate_id req="no" status="add\edit" dt="numeric" fp="-15869" lookup="no"&gt;&lt;/exchange_rate_id&gt;<br>&lt;fiscal_year_id req="yes" status="add\edit" dt="numeric" fp="-15862" lookup="yes"&gt;&lt;/fiscal_year_id&gt;<br>&lt;invoice_id req="no" status="add\edit" dt="numeric" fp="-15856" lookup="yes"&gt;&lt;/invoice_id&gt;<br>&lt;journal_voucher_date req="yes" status="add\edit" dt="date" fp="-15860" lookup="no"&gt;&lt;/journal_voucher_date&gt;<br>&lt;journal_voucher_status req="yes" status="add\edit" dt="numeric" fp="-15864" lookup="yes"&gt;&lt;/journal_voucher_status&gt;<br>&lt;journal_voucher_type_id req="no" status="add\edit" dt="numeric" fp="-15872" lookup="yes"&gt;&lt;/journal_voucher_type_id&gt;<br>&lt;posted_date req="no" status="add\edit" dt="date" fp="-15865" lookup="no"&gt;&lt;/posted_date&gt;<br>&lt;send_to_gl_integration req="yes" status="add\edit" dt="numeric" fp="-15866" lookup="yes"&gt;&lt;/send_to_gl_integration&gt;<br>&lt;supplier_id req="no" status="add\edit" dt="numeric" fp="-15858" lookup="yes"&gt;&lt;/supplier_id&gt;<br>&lt;EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"&gt;<br>  &lt;value lookup="Picklist - Enhanced, Multiple Selection"&gt;zero or more elements&lt;/value&gt; |

| Object Information | XML Data |
|---|---|
| The committed_fund_item_id value is a foreign key reference to the committed_fund_items table.<br><br>The exp_cat_id value is a foreign key reference to the exp_categories table.<br><br>The funding_acct_id value is a foreign key reference to the funding_accounts table.<br><br>The item_id value is a foreign key reference to the invoice_items table.<br><br>The committed_fund_id value is a foreign key reference to the committed_fund table.<br><br>The contact_id value is a foreign key reference to the supplier_contacts table.<br><br>The creator_id value is a foreign key reference to the user_group table.<br><br>The currency_code value is a foreign key reference to the currency_codes table.<br><br>The exchange_rate_id value is a foreign key reference to the currency_exchange_rates table.<br><br>The fiscal_year_id value is a foreign key reference to the fiscal_years table.<br><br>The invoice_id value is a foreign key reference to the invoices table.<br><br>The journal_voucher_type_id value is a foreign key reference to the journal_voucher_types table.<br><br>The supplier_id value is a foreign key reference to the suppliers table. | `</EXTVALUExxx>`<br>`<JournalVoucherItems Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <JournalVoucherItem>`<br>`        <jv_item_id req="no" status="read only" dt="numeric" fp="-16369" lookup="no"></jv_item_id>`<br>`        <activity_id req="yes" status="add\edit" dt="numeric" fp="-16375" lookup="yes"></activity_id>`<br>`        <committed_fund_item_id req="no" status="add\edit" dt="numeric" fp="-16371" lookup="yes"></committed_fund_item_id>`<br>`        <description req="yes" status="add\edit" dt="string" fp="-16372" lookup="no"></description>`<br>`        <exp_cat_id req="no" status="add\edit" dt="numeric" fp="-16376" lookup="yes"></exp_cat_id>`<br>`        <funding_acct_id req="no" status="add\edit" dt="numeric" fp="-16377" lookup="yes"></funding_acct_id>`<br>`        <item_id req="no" status="read only" dt="numeric" fp="-17339" lookup="yes"></item_id>`<br>`        <journal_voucher_id req="no" status="read only" dt="numeric" fp="-16370" lookup="no"></journal_voucher_id>`<br>`        <price req="yes" status="add\edit" dt="numeric" fp="-16374" lookup="no"></price>`<br>`        <quantity req="yes" status="add\edit" dt="numeric" fp="-16373" lookup="no"></quantity>`<br>`        <EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>`            <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`        </EXTVALUExxx>`<br>`    </JournalVoucherItem>`<br>`</JournalVoucherItems>` |

**Leads**

| Object Information | XML Data |
|---|---|
| The lead_id value is a primary key of the leads table.<br><br>The Lead assignment mode value codes are:<br><br>• 1 = Draft<br>• 2 = Production<br><br><br>The audience_member_id value is a foreign key | `<RecordID id="lead_id" req="yes" status="edit only" dt="numeric" fp="-3696" lookup="no"></RecordID>`<br>`<audience_member_id req="yes" status="add only" dt="numeric" fp="-3698" lookup="yes"></audience_member_id>`<br>`<date_assigned req="no" status="read only" dt="date" fp="-3749" lookup="no"></date_assigned>`<br>`<date_created req="no" status="read only" dt="date" fp="-3707" lookup="no"></date_created>`<br>`<lead_assignment_mode req="yes" status="add only" dt="numeric" fp="-3699" lookup="yes"></lead_assignment_mode>` |

| Object Information | XML Data |
|---|---|
| reference to the audience_members table.<br><br>The lead_type_id value is a foreign key reference to the lead_status_types table.<br><br>The product_id value is a foreign key reference to the product_repository table.<br><br>The rep_id value is a foreign key reference to the participants table.<br><br>The terr_dist_group_id value is a foreign key reference to the terr_distribution_groups table.<br><br>The territory_id value is a foreign key reference to the territories table. | `<lead_type_id req="no" status="add\edit" dt="numeric" fp="-3700" lookup="yes"></lead_type_id>`<br>`<modified_date req="no" status="read only" dt="date" fp="-3709" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-3708" lookup="yes"></modified_user>`<br>`<product_id req="no" status="add only" dt="numeric" fp="-3697" lookup="yes"></product_id>`<br>`<quality req="no" status="add\edit" dt="string" fp="-3706" lookup="no"></quality>`<br>`<rep_id req="no" status="add\edit" dt="numeric" fp="-3703" lookup="yes"></rep_id>`<br>`<score req="no" status="add\edit" dt="numeric" fp="-3704" lookup="no"></score>`<br>`<source req="no" status="add\edit" dt="string" fp="-3705" lookup="no"></source>`<br>`<terr_dist_group_id req="no" status="add\edit" dt="numeric" fp="-3702" lookup="yes"></terr_dist_group_id>`<br>`<territory_id req="no" status="add\edit" dt="numeric" fp="-3701" lookup="yes"></territory_id>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>` |

**Notes**

| Object Information | XML Data |
|---|---|
| The note_id value is a primary key of the notes table. | `<RecordID id="note_id" req="yes" status="edit only" dt="numeric" fp="-3252" lookup="no"></RecordID>`<br>`<created_date req="no" status="read only" dt="date" fp="-4395" lookup="no"></created_date>`<br>`<creator_id req="no" status="read only" dt="numeric" fp="-3249" lookup="yes"></creator_id>`<br>`<modified_date req="no" status="read only" dt="date" fp="-3251" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-3256" lookup="yes"></modified_user>`<br>`<note req="no" status="add\edit" dt="string" fp="-3250" lookup="no"></note>`<br>`<note_title req="yes" status="add\edit" dt="string" fp="-3253" lookup="no"></note_title>`<br>`<object_id req="yes" status="add only" dt="numeric" fp="-3254" lookup="no"></object_id>`<br>`<object_type_id req="yes" status="add only" dt="numeric" fp="-3255" lookup="no"></object_type_id>`<br>`<parent_id req="no" status="add only" dt="numeric" fp="-4393" lookup="no"></parent_id>`<br>`<sequence req="no" status="read only" dt="numeric" fp="-4394" lookup="no"></sequence>` |

**Offers**

| Object Information | XML Data |
|---|---|
| The offer_id value is a primary key of the offers table.<br><br>The activity_specific value codes are:<br><br>&bull; 1 = Yes<br>&bull; 0 = No<br><br>The status_id value codes are:<br><br>&bull; 1 = Draft<br>&bull; 2 = Current<br>&bull; 3 = Expired<br><br>The offer_id value is a primary key of the offer_channels table.<br><br>The channel_id value is a primary key of the offer_channels table.<br><br>The channel_id value is a foreign key reference to the channels table.<br><br>The offer_id value is a primary key of the offer_products table.<br><br>The product_id value is a primary key of the offer_products table.<br><br>The product_id value is a foreign key reference to the product_repository table.<br><br>The incentive_id value is a foreign key reference to the incentives table.<br><br>The owner_id value is a foreign key reference to the user_group table.<br><br>The scs_id value is a foreign key reference to the classification_schema table.<br><br>The type_id value is a foreign key reference to the offer_types table. | `<RecordID id="offer_id" req="yes" status="edit only" dt="numeric" fp="-9702" lookup="no"></RecordID>`<br>`<activity_specific req="no" status="read only" dt="numeric" fp="-14173" lookup="yes"></activity_specific>`<br>`<begin_date req="yes" status="add\edit" dt="date" fp="-9705" lookup="no"></begin_date>`<br>`<description req="no" status="add\edit" dt="string" fp="-9711" lookup="no"></description>`<br>`<expiration_date req="yes" status="add\edit" dt="date" fp="-9707" lookup="no"></expiration_date>`<br>`<incentive_id req="no" status="add\edit" dt="numeric" fp="-14171" lookup="yes"></incentive_id>`<br>`<modified_date req="no" status="add\edit" dt="date" fp="-9710" lookup="no"></modified_date>`<br>`<modified_user req="no" status="add\edit" dt="numeric" fp="-9701" lookup="yes"></modified_user>`<br>`<offer_code req="no" status="add\edit" dt="string" fp="-9712" lookup="no"></offer_code>`<br>`<owner_id req="yes" status="add\edit" dt="numeric" fp="-9709" lookup="yes"></owner_id>`<br>`<scs_id req="yes" status="add only" dt="numeric" fp="-14172" lookup="yes"></scs_id>`<br>`<status_id req="yes" status="add\edit" dt="numeric" fp="-9704" lookup="yes"></status_id>`<br>`<title req="yes" status="add\edit" dt="string" fp="-9708" lookup="no"></title>`<br>`<type_id req="no" status="add\edit" dt="numeric" fp="-9706" lookup="yes"></type_id>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<OfferChannels Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <OfferChannel>`<br>`        <offer_id req="no" status="read only" dt="numeric" fp="-14278" lookup="no"></offer_id>`<br>`        <channel_id req="no" status="add\edit" dt="numeric" fp="-14279" lookup="yes"></channel_id>`<br>`    </OfferChannel>`<br>`</OfferChannels>`<br>`<OfferProducts Type="collection" Mode="Drop and Replace">`<br>`    <OfferProduct>`<br>`        <offer_id req="no" status="read only" dt="numeric" fp="-14264" lookup="no"></offer_id>`<br>`        <product_id req="yes" status="add\edit" dt="numeric" fp="-14263" lookup="yes"></product_id>`<br>`    </OfferProduct>`<br>`</OfferProducts>` |

**Participants**

| Object Information | XML Data |
|---|---|
| The participant_id value is a primary key of the participants table.<br><br>The Html email value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br><br>The scs_id value is a foreign key reference to the classification_schema table.<br><br>The currency_code value is a foreign key reference to the currency_codes table.<br><br>The mapped_user_id value is a foreign key reference to the user_group table.<br><br>The notification_type_id value is a foreign key reference to the notification_types table.<br><br>The participant_type_id value is a foreign key reference to the participant_types table. | `<RecordID id="participant_id" req="yes" status="edit only" dt="numeric" fp="-801" lookup="no"></RecordID>`<br>`<addr_1 req="no" status="add\edit" dt="string" fp="-816" lookup="no"></addr_1>`<br>`<addr_2 req="no" status="add\edit" dt="string" fp="-817" lookup="no"></addr_2>`<br>`<addr_3 req="no" status="add\edit" dt="string" fp="-818" lookup="no"></addr_3>`<br>`<addr_city req="no" status="add\edit" dt="string" fp="-819" lookup="no"></addr_city>`<br>`<addr_country req="no" status="add\edit" dt="string" fp="-821" lookup="no"></addr_country>`<br>`<addr_state req="no" status="add\edit" dt="string" fp="-820" lookup="no"></addr_state>`<br>`<addr_zip req="no" status="add\edit" dt="string" fp="-822" lookup="no"></addr_zip>`<br>`<comments req="no" status="add\edit" dt="string" fp="-825" lookup="no"></comments>`<br>`<company req="no" status="add\edit" dt="string" fp="-809" lookup="no"></company>`<br>`<currency_code req="yes" status="add\edit" dt="numeric" fp="-827" lookup="yes"></currency_code>`<br>`<department req="no" status="add\edit" dt="string" fp="-806" lookup="no"></department>`<br>`<email req="no" status="add\edit" dt="string" fp="-823" lookup="no"></email>`<br>`<fax req="no" status="add\edit" dt="string" fp="-811" lookup="no"></fax>`<br>`<first_name req="no" status="add\edit" dt="string" fp="-803" lookup="no"></first_name>`<br>`<html_email req="yes" status="add\edit" dt="numeric" fp="-4157" lookup="yes"></html_email>`<br>`<labor_rate req="no" status="add\edit" dt="numeric" fp="-812" lookup="no"></labor_rate>`<br>`<last_name req="yes" status="add\edit" dt="string" fp="-802" lookup="no"></last_name>`<br>`<mapped_user_id req="no" status="add\edit" dt="numeric" fp="-1596" lookup="yes"></mapped_user_id>`<br>`<middle_name req="no" status="add\edit" dt="string" fp="-804" lookup="no"></middle_name>`<br>`<modified_date req="no" status="read only" dt="date" fp="-829" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-828" lookup="yes"></modified_user>`<br>`<notification_type_id req="yes" status="add\edit" dt="numeric" fp="-815" lookup="yes"></notification_type_id>`<br>`<participant_type_id req="no" status="add\edit" dt="numeric" fp="-814" lookup="yes"></participant_type_id>`<br>`<phone req="no" status="add\edit" dt="string" fp="-810" lookup="no"></phone>`<br>`<prefix req="no" status="add\edit" dt="string" fp="-807" lookup="no"></prefix>`<br>`<suffix req="no" status="add\edit" dt="string" fp="-808" lookup="no"></suffix>`<br>`<title req="no" status="add\edit" dt="string" fp="-805" lookup="no"></title>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>` |

| Object Information | XML Data |
|---|---|
| | </EXTVALUExxx><br><Domains Type="collection" Mode="Drop and Replace"><br>   <Domain><br>      <participant_id req="no" status="read only" dt="numeric" fp="-3204" lookup="no"></participant_id><br>      <scs_id req="yes" status="add\edit" dt="numeric" fp="-3205" lookup="yes"></scs_id><br>   </Domain><br></Domains> |

**Products**

| Object Information | XML Data |
|---|---|
| The product_id value is a primary key of the product_repository table.<br>The Status value codes are:<br><ul><li>1 = Active</li><li>0 = Inactive</li></ul><br>The product_alias_id value is a primary key of the product_repository_aliases table.<br>The product_category_id value is a foreign key reference to the product_category table.<br>The scs_id value is a foreign key reference to the classification_schema table.<br>The product_type_id value is a foreign key reference to the product_repository_types table. | <RecordID id="product_id" req="yes" status="edit only" dt="numeric" fp="-3674" lookup="no"></RecordID><br><description req="no" status="add\edit" dt="string" fp="-3676" lookup="no"></description><br><modified_date req="no" status="read only" dt="date" fp="-3681" lookup="no"></modified_date><br><modified_user req="no" status="read only" dt="numeric" fp="-3680" lookup="yes"></modified_user><br><product_number req="no" status="add\edit" dt="string" fp="-3677" lookup="no"></product_number><br><product_type_id req="yes" status="add\edit" dt="numeric" fp="-3678" lookup="yes"></product_type_id><br><status req="yes" status="add\edit" dt="numeric" fp="-3679" lookup="yes"></status><br><title req="yes" status="add\edit" dt="string" fp="-3675" lookup="no"></title><br><EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"><br>   <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value><br></EXTVALUExxx><br><Aliases Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4"><br>   <Alias><br>      <product_alias_id req="no" status="read only" dt="numeric" fp="-3685" lookup="no"></product_alias_id><br>      <alias req="yes" status="add\edit" dt="string" fp="-3686" lookup="no"></alias><br>      <description req="no" status="add\edit" dt="string" fp="-3687" lookup="no"></description><br>      <product_id req="no" status="read only" dt="numeric" fp="-3684" lookup="no"></product_id><br>   </Alias><br></Aliases><br><Categories Type="collection" Mode="Drop and Replace"> |

| Object Information | XML Data |
|---|---|
|  | &lt;Category&gt; |
|  |     &lt;product_category_id req="no" status="add\edit" dt="numeric" fp="-4199" lookup="yes"&gt;&lt;/product_category_id&gt; |
|  |     &lt;product_id req="no" status="read only" dt="numeric" fp="-4200" lookup="no"&gt;&lt;/product_id&gt; |
|  | &lt;/Category&gt; |
|  | &lt;/Categories&gt; |
|  | &lt;Domains Type="collection" Mode="Drop and Replace"&gt; |
|  |     &lt;Domain&gt; |
|  |     &lt;product_id req="no" status="read only" dt="numeric" fp="-3682" lookup="no"&gt;&lt;/product_id&gt; |
|  |     &lt;scs_id req="yes" status="add\edit" dt="numeric" fp="-3683" lookup="yes"&gt;&lt;/scs_id&gt; |
|  |     &lt;/Domain&gt; |
|  | &lt;/Domains&gt; |

**Programs**

| Object Information | XML Data |
|---|---|
| The campaign_id value is a primary key of the campaigns table. | &lt; RecordID id="campaign_id" req="yes" status="edit only" dt="numeric" fp="-693" lookup="no"&gt;&lt;/RecordID&gt; |
| The campaign_id value is a primary key of the campaign_membership table. | &lt;campaign_type_id req="no" status="add\edit" dt="numeric" fp="-6078" lookup="yes"&gt;&lt;/campaign_type_id&gt; |
| The activity_id value is a foreign key reference to the activities table. | &lt;creator_id req="no" status="read only" dt="numeric" fp="-4189" lookup="yes"&gt;&lt;/creator_id&gt; |
| The audience_id value is a foreign key reference to the audiences table. | &lt;description req="no" status="add\edit" dt="string" fp="-1530" lookup="no"&gt;&lt;/description&gt; |
| The offering_id value is a foreign key reference to the offerings table. | &lt;end_date req="yes" status="add\edit" dt="date" fp="-697" lookup="no"&gt;&lt;/end_date&gt; |
|  | &lt;modified_date req="no" status="read only" dt="date" fp="-1687" lookup="no"&gt;&lt;/modified_date&gt; |
| The objective_id value is a foreign key reference to the objectives table. | &lt;modified_user req="no" status="read only" dt="numeric" fp="-1702" lookup="yes"&gt;&lt;/modified_user&gt; |
| The strategy_id value is a foreign key reference to the objective_strategies table. | &lt;name req="yes" status="add\edit" dt="string" fp="-694" lookup="no"&gt;&lt;/name&gt; |
|  | &lt;objective req="no" status="add\edit" dt="string" fp="-739" lookup="no"&gt;&lt;/objective&gt; |
| The plan_id value is a foreign key reference to the plans table. | &lt;owner_id req="yes" status="add\edit" dt="numeric" fp="-695" lookup="yes"&gt;&lt;/owner_id&gt; |
| The region_id value is a foreign key reference to the regions table. | &lt;scs_id req="yes" status="add\edit" dt="numeric" fp="-740" lookup="yes"&gt;&lt;/scs_id&gt; |
|  | &lt;start_date req="yes" status="add\edit" dt="date" fp="-696" lookup="no"&gt;&lt;/start_date&gt; |
| The campaign_type_id value is a foreign key reference | &lt;EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"&gt; |
|  |     &lt;value lookup="Picklist - Enhanced, Multiple Selection"&gt;zero or more elements&lt;/value&gt; |
|  | &lt;/EXTVALUExxx&gt; |
|  | &lt;Activities Type="collection" Mode="Drop and Replace"&gt; |

| Object Information | XML Data |
|---|---|
| to the campaign_types table.<br><br>The creator_id value is a foreign key reference to the user_group table.<br><br>The owner_id value is a foreign key reference to the user_group table.<br><br>The scs_id value is a foreign key reference to the classification_schema table. | ```<br><Activity><br>    <campaign_id req="yes" status="add\edit" dt="numeric" fp="-1813" lookup="yes"></campaign_id><br>    <activity_id req="yes" status="add\edit" dt="numeric" fp="-1472" lookup="yes"></activity_id><br></Activity><br></Activities><br><Audiences Type="collection" Mode="Drop and Replace"><br>    <Audience><br>        <audience_id req="no" status="add\edit" dt="numeric" fp="-4159" lookup="yes"></audience_id><br>        <campaign_id req="no" status="read only" dt="numeric" fp="-4160" lookup="no"></campaign_id><br>    </Audience><br></Audiences><br><Offerings Type="collection" Mode="Drop and Replace"><br>    <Offering><br>        <campaign_id req="no" status="read only" dt="numeric" fp="-4171" lookup="no"></campaign_id><br>        <offering_id req="yes" status="add\edit" dt="numeric" fp="-4170" lookup="yes"></offering_id><br>    </Offering><br></Offerings><br><OrgObjectives Type="collection" Mode="Drop and Replace"><br>    <Objective><br>        <campaign_id req="no" status="read only" dt="numeric" fp="-4164" lookup="no"></campaign_id><br>        <objective_id req="yes" status="add\edit" dt="numeric" fp="-4163" lookup="yes"></objective_id><br>    </Objective><br></OrgObjectives><br><OrgStrategies Type="collection" Mode="Drop and Replace"><br>    <Strategy><br>        <allocation req="no" status="read only" dt="numeric" fp="-4167" lookup="no"></allocation><br>        <campaign_id req="no" status="read only" dt="numeric" fp="-4165" lookup="no"></campaign_id><br>        <strategy_id req="yes" status="add\edit" dt="numeric" fp="-4166" lookup="yes"></strategy_id><br>    </Strategy><br></OrgStrategies><br><PlanOverviews Type="collection" Mode="Drop and Replace"><br>    <Overview><br>``` |

| Object Information | XML Data |
|---|---|
| | `<campaign_id req="no" status="read only" dt="numeric" fp="-4168" lookup="no"></campaign_id>` |
| | `<plan_id req="yes" status="add\edit" dt="numeric" fp="-4169" lookup="yes"></plan_id>` |
| | `</Overview>` |
| | `</PlanOverviews>` |
| | `<Regions Type="collection" Mode="Drop and Replace">` |
| | `<Region>` |
| | `<campaign_id req="no" status="read only" dt="numeric" fp="-4173" lookup="no"></campaign_id>` |
| | `<region_id req="yes" status="add\edit" dt="numeric" fp="-4172" lookup="yes"></region_id>` |
| | `</Region>` |
| | `</Regions>` |

**Projects**

| Object Information | XML Data |
|---|---|
| The project_id value is a primary key of the projects table.<br><br>The change_order value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The enable_alap value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The project_status value codes are:<br>• 1 = Draft<br>• 2 = In Process<br>• 3 = Paused<br>• 4 = Closed<br>• 5 = Canceled<br><br>The project_role_id value is a primary key of the project_roles table.<br>The user_role_id value is a foreign key reference to | `< RecordID id="project_id" req="yes" status="edit only" dt="numeric" fp="-11011" lookup="no"></RecordID>`<br>`<activity_id req="yes" status="add only" dt="numeric" fp="-11043" lookup="no"></activity_id>`<br>`<begin_date req="no" status="read only" dt="date" fp="-11050" lookup="no"></begin_date>`<br>`<change_order req="no" status="add\edit" dt="numeric" fp="-13957" lookup="yes"></change_order>`<br>`<description req="no" status="add\edit" dt="string" fp="-11045" lookup="no"></description>`<br>`<enable_alap req="no" status="add\edit" dt="numeric" fp="-14968" lookup="yes"></enable_alap>`<br>`<end_date req="no" status="read only" dt="date" fp="-11041" lookup="no"></end_date>`<br>`<modified_date req="no" status="read only" dt="date" fp="-11044" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-11047" lookup="yes"></modified_user>`<br>`<project_mgr req="yes" status="add\edit" dt="numeric" fp="-11051" lookup="yes"></project_mgr>`<br>`<project_status req="yes" status="edit only" dt="numeric" fp="-11049" lookup="yes"></project_status>`<br>`<project_type_id req="no" status="add\edit" dt="numeric" fp="-11046" lookup="yes"></project_type_id>`<br>`<timezone_id req="yes" status="add\edit" dt="numeric" fp="-11052" lookup="yes"></timezone_id>`<br>`<title req="yes" status="add\edit" dt="string" fp="-11042" lookup="no"></title>`<br>`<workflow_id req="no" status="add only" dt="numeric" fp="-11048" lookup="yes"></workflow_id>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>`<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>` |

| Object Information | XML Data |
|---|---|
| the user_role table.<br><br>The activity_id value is a foreign key reference to the activities table.<br><br>The project_mgr value is a foreign key reference to the user_group table.<br><br>The project_type_id value is a foreign key reference to the project_types table.<br><br>The timezone_id value is a foreign key reference to the timezones table.<br><br>The workflow_id value is a foreign key reference to the workflows table. | &lt;/EXTVALUExxx&gt;<br>&lt;ProjectRoles Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4"&gt;<br>   &lt;ProjectRole&gt;<br>      &lt;project_role_id req="yes" status="edit only" dt="numeric" fp="-13219" lookup="no"&gt;&lt;/project_role_id&gt;<br>      &lt;project_id req="no" status="read only" dt="numeric" fp="-13220" lookup="no"&gt;&lt;/project_id&gt;<br>      &lt;user_role_id req="yes" status="add\edit" dt="numeric" fp="-13218" lookup="yes"&gt;&lt;/user_role_id&gt;<br>   &lt;/ProjectRole&gt;<br>&lt;/ProjectRoles&gt; |

**SQL Query**

| Object Information | XML Data |
|---|---|
| SQL statement to execute against the data source. | &lt;SQL req="yes" status="add\edit" dt="" fp="-5824" lookup="no"&gt;&lt;/SQL&gt; |

**Suppliers**

| Object Information | XML Data |
|---|---|
| The supplier_id value is a primary key of the suppliers table.<br><br>The Preferred (Master) value codes are:<br>  • 1 = Yes<br>  • 0 = No<br><br>The contact_id value is a primary key of the supplier_contacts table.<br><br>The pod_contact value codes are:<br>  • 1 = Yes<br>  • 0 = No<br><br>The scs_id value is a foreign key reference to the | &lt;RecordID id="supplier_id" req="yes" status="edit only" dt="numeric" fp="-1101" lookup="no"&gt;&lt;/RecordID&gt;<br>&lt;addr_1 req="no" status="add\edit" dt="string" fp="-1109" lookup="no"&gt;&lt;/addr_1&gt;<br>&lt;addr_2 req="no" status="add\edit" dt="string" fp="-1110" lookup="no"&gt;&lt;/addr_2&gt;<br>&lt;addr_3 req="no" status="add\edit" dt="string" fp="-1111" lookup="no"&gt;&lt;/addr_3&gt;<br>&lt;addr_city req="no" status="add\edit" dt="string" fp="-1112" lookup="no"&gt;&lt;/addr_city&gt;<br>&lt;addr_country req="no" status="add\edit" dt="string" fp="-1114" lookup="no"&gt;&lt;/addr_country&gt;<br>&lt;addr_state req="no" status="add\edit" dt="string" fp="-1113" lookup="no"&gt;&lt;/addr_state&gt;<br>&lt;addr_zip req="no" status="add\edit" dt="string" fp="-1115" lookup="no"&gt;&lt;/addr_zip&gt;<br>&lt;customer_number req="no" status="add\edit" dt="string" fp="-1104" lookup="no"&gt;&lt;/customer_number&gt;<br>&lt;description req="no" status="add\edit" dt="string" fp="-1117" lookup="no"&gt;&lt;/description&gt;<br>&lt;email req="no" status="add\edit" dt="string" fp="-1107" lookup="no"&gt;&lt;/email&gt;<br>&lt;fax req="no" status="add\edit" dt="string" fp="-1106" lookup="no"&gt;&lt;/fax&gt; |

| Object Information | XML Data |
|---|---|
| classification_schema table.<br><br>The user_id value is a foreign key reference to the user_group table.<br><br>The notification_type_id value is a foreign key reference to the notification_types table.<br><br>The service_id value is a foreign key reference to the service_types table. | `<modified_date req="no" status="read only" dt="date" fp="-1119" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-1118" lookup="yes"></modified_user>`<br>`<name req="yes" status="add\edit" dt="string" fp="-1102" lookup="no"></name>`<br>`<notification_type_id req="yes" status="add\edit" dt="numeric" fp="-1103" lookup="yes"></notification_type_id>`<br>`<phone req="no" status="add\edit" dt="string" fp="-1105" lookup="no"></phone>`<br>`<preferred req="yes" status="add\edit" dt="numeric" fp="-1116" lookup="yes"></preferred>`<br>`<service_id req="no" status="add\edit" dt="numeric" fp="-6179" lookup="yes"></service_id>`<br>`<url req="no" status="add\edit" dt="string" fp="-1108" lookup="no"></url>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<Contacts Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <Contact>`<br>`        <contact_id req="yes" status="edit only" dt="numeric" fp="-2036" lookup="no"></contact_id>`<br>`        <address req="no" status="add\edit" dt="string" fp="-1125" lookup="no"></address>`<br>`        <email req="no" status="add\edit" dt="string" fp="-2040" lookup="no"></email>`<br>`        <fax req="no" status="add\edit" dt="string" fp="-2039" lookup="no"></fax>`<br>`        <first_name req="no" status="add\edit" dt="string" fp="-3277" lookup="no"></first_name>`<br>`        <last_name req="yes" status="add\edit" dt="string" fp="-3278" lookup="no"></last_name>`<br>`        <location_code req="no" status="add\edit" dt="string" fp="-15541" lookup="no"></location_code>`<br>`        <notes req="no" status="add\edit" dt="string" fp="-1126" lookup="no"></notes>`<br>`        <phone req="no" status="add\edit" dt="string" fp="-2038" lookup="no"></phone>`<br>`        <pod_contact req="no" status="add\edit" dt="numeric" fp="-10049" lookup="yes"></pod_contact>`<br>`        <supplier_id req="no" status="read only" dt="numeric" fp="-1120" lookup="no"></supplier_id>`<br>`    </Contact>`<br>`</Contacts>`<br>`<Domains Type="collection" Mode="Drop and Replace">`<br>`    <Domain>`<br>`        <scs_id req="yes" status="add\edit" dt="numeric" fp="-3206" lookup="yes"></scs_id>`<br>`        <supplier_id req="no" status="read only" dt="numeric" fp="-3207" lookup="no"></supplier_id>`<br>`    </Domain>`<br>`</Domains>` |

| Object Information | XML Data |
|---|---|
| | `<FinanceGroups Type="collection" Mode="Drop and Replace">` <br>   `<Group>` <br>     `<supplier_id req="no" status="read only" dt="numeric" fp="-15727" lookup="no"></supplier_id>` <br>     `<user_id req="yes" status="add\edit" dt="numeric" fp="-15728" lookup="yes"></user_id>` <br>   `</Group>` <br> `</FinanceGroups>` |

**Tasks**

| Object Information | XML Data |
|---|---|
| The task_id value is a primary key of the wf_tasks table. <br><br> The Auto Close value codes are: <br> • 0 = No <br> • 1 = Yes <br> • 2 = Yes, Milestone <br><br> The can_close (task) value codes are: <br> • 1 = Yes <br> • 0 = No <br><br> The Can Skip value codes are: <br> • 1 = Yes <br> • 0 = No <br><br> The escalation_interval value codes are: <br> • -7 = End Date - 7 days <br> • -6 = End Date - 6 days <br> • -5 = End Date - 5 days <br> • -4 = End Date - 4 days <br> • -3 = End Date - 3 days <br> • -2 = End Date - 2 days <br> • -1 = End Date - 1 day <br> • 0 = End Date <br> • 1 = End Date + 1 day | `<RecordID id="task_id" req="yes" status="edit only" dt="numeric" fp="-11178" lookup="no"></RecordID>` <br> `<acceptance_date req="no" status="read only" dt="date" fp="-13305" lookup="no"></acceptance_date>` <br> `<actual_duration req="no" status="read only" dt="numeric" fp="-11199" lookup="no"></actual_duration>` <br> `<auto_close req="yes" status="add\edit" dt="numeric" fp="-11196" lookup="yes"></auto_close>` <br> `<baseline_begin_date req="no" status="add\edit" dt="date" fp="-13304" lookup="no"></baseline_begin_date>` <br> `<baseline_end_date req="no" status="add\edit" dt="date" fp="-13303" lookup="no"></baseline_end_date>` <br> `<begin_date req="no" status="add\edit" dt="date" fp="-13437" lookup="no"></begin_date>` <br> `<can_close req="yes" status="read only" dt="numeric" fp="-11190" lookup="yes"></can_close>` <br> `<can_skip req="yes" status="add\edit" dt="numeric" fp="-11201" lookup="yes"></can_skip>` <br> `<description req="no" status="add\edit" dt="string" fp="-11195" lookup="no"></description>` <br> `<end_date req="no" status="add\edit" dt="date" fp="-13438" lookup="no"></end_date>` <br> `<entered_est_dur_day req="no" status="add\edit" dt="numeric" fp="-12084" lookup="no"></entered_est_dur_day>` <br> `<entered_est_dur_hour req="no" status="add\edit" dt="numeric" fp="-12082" lookup="no"></entered_est_dur_hour>` <br> `<entered_est_dur_min req="no" status="add\edit" dt="numeric" fp="-12083" lookup="no"></entered_est_dur_min>` <br> `<entered_est_work_day req="no" status="read only" dt="numeric" fp="-13236" lookup="no"></entered_est_work_day>` <br> `<entered_est_work_hour req="no" status="read only" dt="numeric" fp="-13241" lookup="no"></entered_est_work_hour>` <br> `<entered_est_work_min req="no" status="read only" dt="numeric" fp="-13237" lookup="no"></entered_est_work_min>` <br> `<entered_reminder_int_day req="no" status="add\edit" dt="numeric" fp="-13239" lookup="no"></entered_reminder_int_day>` <br> `<entered_reminder_int_hour req="no" status="add\edit" dt="numeric" fp="-13240" lookup="no"></entered_reminder_int_hour>` <br> `<entered_reminder_int_min req="no" status="add\edit" dt="numeric" fp="-13238" lookup="no"></entered_reminder_int_min>` <br> `<escalation_date req="no" status="add\edit" dt="date" fp="-11205" lookup="no"></escalation_date>` |

| Object Information | XML Data |
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| • 2 = End Date + 2 days<br>• 3 = End Date + 3 days<br>• 4 = End Date + 4 days<br>• 5 = End Date + 5 days<br>• 6 = End Date + 6 days<br>• 7 = End Date + 7 days<br><br>The escalation_target value codes are:<br>• 1 = Assignees<br>• 2 = Project Manager<br>• 3 = Assignees & Project Manager<br><br>The On Execution Path value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The reminder_begin value codes are:<br>• -7 = End Date - 7 days<br>• -6 = End Date - 6 days<br>• -5 = End Date - 5 days<br>• -4 = End Date - 4 days<br>• -3 = End Date - 3 days<br>• -2 = End Date - 2 days<br>• -1 = End Date - 1 day<br>• 0 = End Date<br>• 1 = End Date + 1 day<br>• 2 = End Date + 2 days<br>• 3 = End Date + 3 days<br>• 4 = End Date + 4 days<br>• 5 = End Date + 5 days<br>• 6 = End Date + 6 days<br>• 7 = End Date + 7 days<br><br>The reminder_target value codes are:<br>• 1 = Assignees<br>• 2 = Project Manager<br>• 3 = Assignees & Project Manager | `<escalation_interval req="no" status="add\edit" dt="numeric" fp="-11177" lookup="yes"></escalation_interval>`<br>`<escalation_target req="no" status="add\edit" dt="numeric" fp="-11208" lookup="yes"></escalation_target>`<br>`<estimated_duration req="no" status="read only" dt="numeric" fp="-11174" lookup="no"></estimated_duration>`<br>`<estimated_effort req="no" status="add\edit" dt="numeric" fp="-11184" lookup="no"></estimated_effort>`<br>`<estimated_work req="no" status="read only" dt="numeric" fp="-11170" lookup="no"></estimated_work>`<br>`<gantt_index req="no" status="read only" dt="numeric" fp="-11164" lookup="no"></gantt_index>`<br>`<lock_start req="no" status="add\edit" dt="numeric" fp="-13647" lookup="no"></lock_start>`<br>`<modified_date req="no" status="read only" dt="date" fp="-11165" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-11207" lookup="yes"></modified_user>`<br>`<name req="yes" status="add\edit" dt="string" fp="-11203" lookup="no"></name>`<br>`<next_reminder_date req="no" status="read only" dt="date" fp="-11197" lookup="no"></next_reminder_date>`<br>`<on_execution_path req="yes" status="read only" dt="numeric" fp="-11192" lookup="yes"></on_execution_path>`<br>`<project_id req="yes" status="read only" dt="numeric" fp="-11186" lookup="no"></project_id>`<br>`<reminder_begin req="no" status="add\edit" dt="numeric" fp="-11175" lookup="yes"></reminder_begin>`<br>`<reminder_interval req="no" status="read only" dt="numeric" fp="-11191" lookup="no"></reminder_interval>`<br>`<reminder_target req="no" status="add\edit" dt="numeric" fp="-11206" lookup="yes"></reminder_target>`<br>`<ru_actual_begin_date req="no" status="read only" dt="date" fp="-11198" lookup="no"></ru_actual_begin_date>`<br>`<ru_actual_duration req="no" status="read only" dt="numeric" fp="-11169" lookup="no"></ru_actual_duration>`<br>`<ru_actual_end_date req="no" status="read only" dt="date" fp="-11193" lookup="no"></ru_actual_end_date>`<br>`<ru_actual_work req="no" status="read only" dt="numeric" fp="-11185" lookup="no"></ru_actual_work>`<br>`<start_type req="yes" status="add\edit" dt="numeric" fp="-11188" lookup="yes"></start_type>`<br>`<step_type_id req="yes" status="read only" dt="numeric" fp="-11189" lookup="no"></step_type_id>`<br>`<task_status req="yes" status="edit only" dt="numeric" fp="-11180" lookup="yes"></task_status>`<br>`<type_id req="yes" status="add\edit" dt="numeric" fp="-11176" lookup="no"></type_id>`<br>`<visible_to_calendar req="yes" status="add\edit" dt="numeric" fp="-11181" lookup="yes"></visible_to_calendar>`<br>`<vote_result req="no" status="read only" dt="numeric" fp="-11194" lookup="yes"></vote_result>`<br>`<vote_style req="no" status="add\edit" dt="numeric" fp="-11183" lookup="yes"></vote_style>`<br>`<work_entry req="no" status="add\edit" dt="numeric" fp="-11168" lookup="yes"></work_entry>`<br>`<work_group_action_id req="no" status="add\edit" dt="numeric" fp="-12173" lookup="yes"></work_group_action_id>`<br>`<work_schedule_id req="yes" status="add\edit" dt="numeric" fp="-11171" lookup="no"></work_schedule_id>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>    `<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>` |

| Object Information | XML Data |
|---|---|
| The Start Type value codes are:<br><br>• 1 = As Soon As Possible<br>• 5 = As Late As Possible<br>• 2 = Fixed Begin<br>• 3 = Fixed End<br>• 4 = Start No Earlier Than<br>• 6 = Start No Later Than<br><br><br>The Task Status value codes are:<br><br>• 1 = Draft<br>• 2 = Projected<br>• 3 = Pending<br>• 4 = Projected<br>• 5 = In Process<br>• 6 = Declined<br>• 7 = Closed<br>• 8 = Cancelled<br>• 9 = Skipped<br><br><br>The Visible To Calendar value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br><br>The Rollup Vote Result value codes are:<br><br>• 0 = Undecided<br>• 1 = Approved<br>• 2 = Approved with Changes<br>• 3 = Rejected<br><br><br>The Vote Style value codes are:<br><br>• 1 = Consensus<br>• 2 = Majority<br>• 3 = Sequential<br>• 4 = Single<br><br><br>The work_entry value codes are:<br><br>• 1 = Show | \</EXTVALUExxx><br><ApproveNotifications Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4"><br>   <ApproveNotification><br>      <task_approve_notif_id req="yes" status="edit only" dt="numeric" fp="-13270" lookup="no"></task_approve_notif_id><br>      <task_id req="no" status="read only" dt="numeric" fp="-13268" lookup="no"></task_id><br>      <user_id req="no" status="add\edit" dt="numeric" fp="-13271" lookup="yes"></user_id><br>      <user_role_id req="no" status="add\edit" dt="numeric" fp="-13269" lookup="yes"></user_role_id><br>      <user_token_id req="no" status="add\edit" dt="numeric" fp="-13267" lookup="yes"></user_token_id><br>   </ApproveNotification><br></ApproveNotifications><br><RejectNotifications Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4"><br>   <RejectNotification><br>      <task_reject_notif_id req="yes" status="edit only" dt="numeric" fp="-13274" lookup="no"></task_reject_notif_id><br>      <task_id req="no" status="read only" dt="numeric" fp="-13276" lookup="no"></task_id><br>      <user_id req="no" status="add\edit" dt="numeric" fp="-13273" lookup="yes"></user_id><br>      <user_role_id req="no" status="add\edit" dt="numeric" fp="-13272" lookup="yes"></user_role_id><br>      <user_token_id req="no" status="add\edit" dt="numeric" fp="-13275" lookup="yes"></user_token_id><br>   </RejectNotification><br></RejectNotifications><br><TaskAssignees Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4"><br>   <Assignee><br>      <assignee_id req="yes" status="edit only" dt="numeric" fp="-11246" lookup="no"></assignee_id><br>      <actual_begin_date req="no" status="add\edit" dt="date" fp="-11258" lookup="no"></actual_begin_date><br>      <actual_end_date req="no" status="add\edit" dt="date" fp="-11254" lookup="no"></actual_end_date><br>      <actual_work req="no" status="read only" dt="numeric" fp="-11252" lookup="no"></actual_work><br>      <can_close req="yes" status="add\edit" dt="numeric" fp="-12235" lookup="no"></can_close><br>      <comments req="no" status="add\edit" dt="string" fp="-12885" lookup="no"></comments><br>      <entered_act_work_day req="no" status="add\edit" dt="numeric" fp="-12234" lookup="no"></entered_act_work_day><br>      <entered_act_work_hour req="no" status="add\edit" dt="numeric" fp="-12240" lookup="no"></entered_act_work_hour><br>      <entered_act_work_min req="no" status="add\edit" dt="numeric" fp="-12241" lookup="no"></entered_act_work_min><br>      <entered_est_work_day req="no" status="add\edit" dt="numeric" fp="-12238" lookup="no"></entered_est_work_day><br>      <entered_est_work_hour req="no" status="add\edit" dt="numeric" fp="-12239" lookup="no"></entered_est_work_hour> |

| Object Information | XML Data |
|---|---|
| • 2 = Require<br><br>The work_group_action_id_Lookup value codes are:<br><br>• 3 = All Must Close<br>• 2 = Any May Close<br>• 1 = One Must Close<br><br><br>The task_approve_notif_id value is a primary key of the wf_task_approve_notif table.<br>The user_token_id value codes are:<br><br>• 1 = <<Activity Administrator>><br>• 2 = <<Activity Owner>><br>• 3 = <<Controlling Account Owner>><br>• 4 = <<Project Manager>><br><br><br>The user_id value is a foreign key reference to the user_group table.<br>The user_role_id value is a foreign key reference to the user_role table.<br>The task_reject_notif_id value is a primary key of the wf_task_reject_notif table.<br>The user_token_id value codes are:<br><br>• 1 = <<Activity Administrator>><br>• 2 = <<Activity Owner>><br>• 3 = <<Controlling Account Owner>><br>• 4 = <<Project Manager>><br><br><br>The user_id value is a foreign key reference to the user_group table.<br>The user_role_id value is a foreign key reference to the user_role table.<br>The assignee_id value is a primary key of the wf_task_assignees table.<br>The vote_result value codes are:<br><br>• 1 = Approved<br>• 2 = Approved with changes<br>• 0 = Not yet Voted | `<entered_est_work_min req="no" status="add\edit" dt="numeric" fp="-12236" lookup="no"></entered_est_work_min>`<br>`<estimated_effort req="no" status="read only" dt="numeric" fp="-11256" lookup="no"></estimated_effort>`<br>`<estimated_work req="no" status="read only" dt="numeric" fp="-11250" lookup="no"></estimated_work>`<br>`<reject_id req="no" status="add\edit" dt="numeric" fp="-12884" lookup="yes"></reject_id>`<br>`<sequence req="no" status="add\edit" dt="numeric" fp="-11248" lookup="no"></sequence>`<br>`<task_id req="no" status="read only" dt="numeric" fp="-11253" lookup="no"></task_id>`<br>`<user_id req="no" status="add\edit" dt="numeric" fp="-11249" lookup="yes"></user_id>`<br>`<vote_result req="no" status="add\edit" dt="numeric" fp="-12237" lookup="yes"></vote_result>`<br>`<work_status req="yes" status="add\edit" dt="numeric" fp="-11257" lookup="yes"></work_status>`<br>`</Assignee>`<br>`</TaskAssignees>`<br>`<TaskChecklists Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`<TaskChecklist>`<br>`<task_cklist_id req="yes" status="edit only" dt="numeric" fp="-14899" lookup="no"></task_cklist_id>`<br>`<checklist_id req="yes" status="add\edit" dt="numeric" fp="-14180" lookup="yes"></checklist_id>`<br>`<task_id req="no" status="read only" dt="numeric" fp="-14900" lookup="no"></task_id>`<br>`</TaskChecklist>`<br>`</TaskChecklists>`<br>`<TaskDCTs Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`<TaskDCT>`<br>`<task_dct_id req="yes" status="edit only" dt="numeric" fp="-14904" lookup="no"></task_dct_id>`<br>`<collection_template_id req="yes" status="add\edit" dt="numeric" fp="-14906" lookup="yes"></collection_template_id>`<br>`<task_id req="no" status="read only" dt="numeric" fp="-14905" lookup="no"></task_id>`<br>`</TaskDCT>`<br>`</TaskDCTs>`<br>`<TaskPredecessors Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`<Predecessor>`<br>`<task_id req="no" status="edit only" dt="numeric" fp="-12101" lookup="no"></task_id>`<br>`<pred_task_id req="yes" status="add\edit" dt="numeric" fp="-12112" lookup="yes"></pred_task_id>`<br>`</Predecessor>`<br>`</TaskPredecessors>`<br>`<TaskRequiredDocuments Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">` |

| Object Information | XML Data |
|---|---|
| •     3 = Rejected<br><br>The work_status value codes are:<br><br>   •   2 = Projected<br>   •   3 = Pending<br>   •   4 = Assigned<br>   •   5 = In Process<br>   •   6 = Declined<br>   •   7 = Closed<br><br><br>The user_id value is a foreign key reference to the user_group table.<br><br>The task_cklist_id value is a primary key of the wf_task_cklist table.<br><br>The checklist_id value is a foreign key reference to the workflow_checklist table.<br><br>The task_dct_id value is a primary key of the wf_task_dct table.<br><br>The collection_template_id value is a foreign key reference to the data_collection_templates table.<br><br>The task_id value is a primary key of the wf_task_predecessors table.<br><br>The task_doc_id value is a primary key of the wf_task_req_docs table.<br><br>The document_type value codes are:<br><br>   •   3 = Attachment<br>   •   2 = By Type<br>   •   4 = Digital Asset<br>   •   5 = Upload<br>   •   1 = Use Predecessors<br><br><br>The asset_id value is a foreign key reference to the assets table.<br><br>The asset_type_id value is a foreign key reference to the asset_types table.<br><br>The attachment_id value is a foreign key reference to the attachments table.<br><br>The attachment_type_id value is a foreign key | `<RequiredDocument>`<br>  `<task_doc_id req="yes" status="edit only" dt="numeric" fp="-12693" lookup="no"></task_doc_id>`<br>  `<asset_id req="no" status="add\edit" dt="numeric" fp="-13157" lookup="no"></asset_id>`<br>  `<asset_type_id req="no" status="add\edit" dt="numeric" fp="-12695" lookup="no"></asset_type_id>`<br>  `<attachment_id req="no" status="add\edit" dt="numeric" fp="-13158" lookup="no"></attachment_id>`<br>  `<attachment_type_id req="no" status="add\edit" dt="numeric" fp="-12696" lookup="no"></attachment_type_id>`<br>  `<category_id req="no" status="add only" dt="numeric" fp="-12692" lookup="no"></category_id>`<br>  `<document_type req="yes" status="add only" dt="numeric" fp="-12944" lookup="yes"></document_type>`<br>  `<encoded_title_id req="no" status="read only" dt="numeric" fp="-12942" lookup="no"></encoded_title_id>`<br>  `<more_than_one_req req="yes" status="add\edit" dt="numeric" fp="-12694" lookup="no"></more_than_one_req>`<br>  `<project_visibility req="no" status="add\edit" dt="numeric" fp="-12943" lookup="no"></project_visibility>`<br>  `<task_id req="no" status="read only" dt="numeric" fp="-12691" lookup="no"></task_id>`<br>  `<version_id req="no" status="add\edit" dt="numeric" fp="-13159" lookup="no"></version_id>`<br>`</RequiredDocument>`<br>`</TaskRequiredDocuments>`<br>`<TaskRoles Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>  `<TaskRole>`<br>    `<task_role_id req="yes" status="edit only" dt="numeric" fp="-12637" lookup="no"></task_role_id>`<br>    `<entered_est_work_day req="no" status="add\edit" dt="numeric" fp="-12913" lookup="no"></entered_est_work_day>`<br>    `<entered_est_work_hour req="no" status="add\edit" dt="numeric" fp="-12912" lookup="no"></entered_est_work_hour>`<br>    `<entered_est_work_min req="no" status="add\edit" dt="numeric" fp="-12916" lookup="no"></entered_est_work_min>`<br>    `<estimated_work req="no" status="read only" dt="numeric" fp="-12638" lookup="no"></estimated_work>`<br>    `<role_id req="no" status="add\edit" dt="numeric" fp="-12639" lookup="yes"></role_id>`<br>    `<sequence req="no" status="add\edit" dt="numeric" fp="-12640" lookup="no"></sequence>`<br>    `<task_id req="no" status="read only" dt="numeric" fp="-12636" lookup="no"></task_id>`<br>    `<user_id req="no" status="add\edit" dt="numeric" fp="-12914" lookup="yes"></user_id>`<br>    `<user_token_id req="no" status="add\edit" dt="numeric" fp="-12915" lookup="yes"></user_token_id>`<br>  `</TaskRole>`<br>`</TaskRoles>`<br>`<TaskSupportingDocuments Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>  `<SupportingDocument>`<br>    `<support_doc_id req="yes" status="edit only" dt="numeric" fp="-12701" lookup="no"></support_doc_id>` |

| Object Information | XML Data |
|---|---|
| reference to the attachment_types table.<br><br>The encoded_title_id value is a foreign key reference to the encoded_titles table.<br><br>The task_role_id value is a primary key of the wf_task_roles table.<br><br>The user_token_id value codes are:<br>• 1 = <<Activity Administrator>><br>• 2 = <<Activity Owner>><br>• 3 = <<Controlling Account Owner>><br>• 4 = <<Project Manager>><br><br>The role_id value is a foreign key reference to the user_role table.<br><br>The user_id value is a foreign key reference to the user_group table.<br><br>The support_doc_id value is a primary key of the wf_task_supported_docs table.<br><br>The document_type value codes are:<br>• 3 = Attachment<br>• 2 = By Type<br>• 4 = Digital Asset<br>• 5 = Upload<br>• 1 = Use Predecessors<br><br>The asset_id value is a foreign key reference to the assets table.<br><br>The asset_type_id value is a foreign key reference to the asset_types table.<br><br>The attachment_id value is a foreign key reference to the attachments table.<br><br>The attachment_type_id value is a foreign key reference to the attachment_types table.<br><br>The work_item_id value is a primary key of the wf_task_work_items table.<br><br>The assignee_id value is a foreign key reference to the wf_task_assignees table.<br><br>The checklist_item_id value is a foreign key reference | `<asset_id req="no" status="add\edit" dt="numeric" fp="-13151" lookup="yes"></asset_id>`<br>`<asset_type_id req="no" status="add\edit" dt="numeric" fp="-12700" lookup="yes"></asset_type_id>`<br>`<attachment_id req="no" status="add\edit" dt="numeric" fp="-13149" lookup="yes"></attachment_id>`<br>`<attachment_type_id req="no" status="add\edit" dt="numeric" fp="-12698" lookup="yes"></attachment_type_id>`<br>`<category_id req="no" status="add only" dt="numeric" fp="-12699" lookup="no"></category_id>`<br>`<document_type req="yes" status="add only" dt="numeric" fp="-13150" lookup="yes"></document_type>`<br>`<task_id req="no" status="read only" dt="numeric" fp="-12697" lookup="no"></task_id>`<br>`<version_id req="no" status="add\edit" dt="numeric" fp="-13148" lookup="no"></version_id>`<br>`  </SupportingDocument>`<br>`</TaskSupportingDocuments>`<br>`<WorkItems Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`  <WorkItem>`<br>`    <work_item_id req="no" status="read only" dt="numeric" fp="-14870" lookup="no"></work_item_id>`<br>`    <assignee_id req="no" status="read only" dt="numeric" fp="-14871" lookup="no"></assignee_id>`<br>`    <check_value req="no" status="read only" dt="numeric" fp="-14872" lookup="no"></check_value>`<br>`    <checklist_item_id req="yes" status="add\edit" dt="numeric" fp="-12581" lookup="no"></checklist_item_id>`<br>`    <completed_by req="no" status="add\edit" dt="numeric" fp="-12580" lookup="yes"></completed_by>`<br>`    <task_id req="no" status="read only" dt="numeric" fp="-12582" lookup="no"></task_id>`<br>`  </WorkItem>`<br>`</WorkItems>` |

| Object Information | XML Data |
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| to the workflow_checklist_item table. | |
| The project_id value is a foreign key reference to the projects table. | |
| The step_type_id value is a foreign key reference to the workflow_step_types table. | |
| The work_schedule_id value is a foreign key reference to the work_schedules table. | |

**Treatments**

| Object Information | XML Data |
|---|---|
| The treatment_id value is a primary key of the treatments table.<br><br>The active_flag value codes are:<br><br>• 1 = Active<br>• 0 = Inactive<br><br><br>The activity_specific value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br><br>The treatment_id value is a primary key of the treatment_assets table.<br><br>The asset_id value is a primary key of the treatment_assets table.<br><br>The asset_id value is a foreign key reference to the assets table.<br><br>The treatment_cost_type_id value is a primary key of the treatment_costs table.<br><br>The treatment_cost_type_id value is a foreign key reference to the treatment_cost_types table.<br><br>The channel_id value is a foreign key reference to the channels table.<br><br>The currency_code value is a foreign key reference to the currency_codes table. | `<RecordID id="treatment_id" req="yes" status="edit only" dt="numeric" fp="-9722" lookup="no"></RecordID>`<br>`<active_flag req="yes" status="add\edit" dt="numeric" fp="-14197" lookup="yes"></active_flag>`<br>`<activity_specific req="no" status="read only" dt="numeric" fp="-14201" lookup="yes"></activity_specific>`<br>`<channel_id req="no" status="add\edit" dt="numeric" fp="-11066" lookup="yes"></channel_id>`<br>`<currency_code req="yes" status="add\edit" dt="numeric" fp="-14200" lookup="yes"></currency_code>`<br>`<description req="no" status="add\edit" dt="string" fp="-9755" lookup="no"></description>`<br>`<modified_date req="no" status="read only" dt="date" fp="-14198" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-14199" lookup="yes"></modified_user>`<br>`<scs_id req="yes" status="add only" dt="numeric" fp="-14196" lookup="yes"></scs_id>`<br>`<title req="yes" status="add\edit" dt="string" fp="-9723" lookup="no"></title>`<br>`<treatment_code req="no" status="add\edit" dt="string" fp="-9721" lookup="no"></treatment_code>`<br>`<type_id req="no" status="add\edit" dt="numeric" fp="-9720" lookup="yes"></type_id>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<TreatmentAssets Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <TreatmentAsset>`<br>`        <treatment_id req="no" status="add\edit" dt="numeric" fp="-9751" lookup="yes"></treatment_id>`<br>`        <asset_id req="yes" status="add\edit" dt="numeric" fp="-9752" lookup="yes"></asset_id>`<br>`    </TreatmentAsset>`<br>`</TreatmentAssets>` |

| Object Information | XML Data |
|---|---|
| The scs_id value is a foreign key reference to the classification_schema table.<br><br>The type_id value is a foreign key reference to the treatment_types table. | `<TreatmentCosts Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>   `<TreatmentCost>`<br>      `<treatment_cost_type_id req="yes" status="add\edit" dt="numeric" fp="-14204" lookup="yes"></treatment_cost_type_id>`<br>      `<actual_cost req="no" status="add\edit" dt="numeric" fp="-14209" lookup="no"></actual_cost>`<br>      `<actual_cost_base req="no" status="read only" dt="numeric" fp="-14207" lookup="no"></actual_cost_base>`<br>      `<estimated_cost req="no" status="add\edit" dt="numeric" fp="-14202" lookup="no"></estimated_cost>`<br>      `<estimated_cost_base req="no" status="read only" dt="numeric" fp="-14206" lookup="no"></estimated_cost_base>`<br>      `<treatment_id req="no" status="edit only" dt="numeric" fp="-14208" lookup="no"></treatment_id>`<br>   `</TreatmentCost>`<br>`</TreatmentCosts>` |

**User Roles**

| Object Information | XML Data |
|---|---|
| The role_id value is a primary key of the user_role table.<br><br>The active_flag value codes are:<br>  • 1 = Active<br>  • 0 = Inactive<br><br>The Used in annotations value codes are:<br>  • 1 = Yes<br>  • 0 = No<br><br>The user_id value is a foreign key reference to the user_group table.<br><br>The currency_code value is a foreign key reference to the currency_codes table. | `<RecordID id="role_id" req="yes" status="edit only" dt="numeric" fp="-10827" lookup="no"></RecordID>`<br>`<active_flag req="yes" status="add\edit" dt="numeric" fp="-10824" lookup="yes"></active_flag>`<br>`<color req="no" status="add\edit" dt="string" fp="-10914" lookup="no"></color>`<br>`<currency_code req="yes" status="add\edit" dt="numeric" fp="-11081" lookup="yes"></currency_code>`<br>`<description req="no" status="add\edit" dt="string" fp="-10829" lookup="no"></description>`<br>`<labor_rate_base req="no" status="add\edit" dt="numeric" fp="-11083" lookup="no"></labor_rate_base>`<br>`<labor_rate_entered req="no" status="add\edit" dt="numeric" fp="-11084" lookup="no"></labor_rate_entered>`<br>`<modified_date req="no" status="read only" dt="date" fp="-10828" lookup="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-10825" lookup="yes"></modified_user>`<br>`<name req="yes" status="add\edit" dt="string" fp="-10826" lookup="no"></name>`<br>`<used_in_annotations req="yes" status="add\edit" dt="numeric" fp="-12028" lookup="yes"></used_in_annotations>`<br>`<RoleMembers Type="collection" Mode="Drop and Replace">`<br>   `<RoleMember>`<br>      `<role_id req="yes" status="add\edit" dt="numeric" fp="-10834" lookup="yes"></role_id>`<br>      `<user_id req="yes" status="add\edit" dt="numeric" fp="-10836" lookup="yes"></user_id>`<br>   `</RoleMember>`<br>`</RoleMembers>` |

**Users**

| Object Information | XML Data |
|---|---|
| The user_id value is a primary key of the user_group table. <br><br> The Active Flag value codes are: <br> • 1 = Active <br> • 0 = Inactive <br><br> The Ad hoc user value codes are: <br> • 1 = Yes <br> • 0 = No <br><br> The Application User value codes are: <br> • 1 = Yes <br> • 0 = No <br><br> The auto save value codes are: <br> • 1 = Yes <br> • 0 = No <br><br> The First Page Preference value codes are: <br> • 0 = Splash Screen <br> • 1 = Strategic Planner <br> • 2 = Financial Manager <br> • 4 = Event Manager <br> • 5 = Direct Marketer <br> • 6 = Lead Manager <br> • 7 = Web Response Manager <br> • 8 = Production Manager <br> • 9 = Analysis <br> • 10 = System Administration <br> • 12 = My Reviews <br> • 13 = My Tasks <br> • 23 = Dashboard <br> • 24 = My Aprimo <br><br> The First Portal Preference value codes are: | `<RecordID id="user_id" req="yes" status="edit only" dt="numeric" fp="-882" lookup="no"></RecordID>` <br> `<active_flag req="yes" status="add\edit" dt="numeric" fp="-900" lookup="yes"></active_flag>` <br> `<ad_hoc_login req="no" status="add\edit" dt="string" fp="-5979" lookup="no"></ad_hoc_login>` <br> `<ad_hoc_user req="yes" status="add\edit" dt="numeric" fp="-5978" lookup="yes"></ad_hoc_user>` <br> `<addr_1 req="no" status="add\edit" dt="string" fp="-2800" lookup="no"></addr_1>` <br> `<addr_2 req="no" status="add\edit" dt="string" fp="-2801" lookup="no"></addr_2>` <br> `<addr_3 req="no" status="add\edit" dt="string" fp="-2802" lookup="no"></addr_3>` <br> `<addr_city req="no" status="add\edit" dt="string" fp="-2803" lookup="no"></addr_city>` <br> `<addr_country req="no" status="add\edit" dt="string" fp="-2806" lookup="no"></addr_country>` <br> `<addr_state req="no" status="add\edit" dt="string" fp="-2804" lookup="no"></addr_state>` <br> `<addr_zip req="no" status="add\edit" dt="string" fp="-2805" lookup="no"></addr_zip>` <br> `<analyze_all_domains req="yes" status="add\edit" dt="numeric" fp="-5109" lookup="no"></analyze_all_domains>` <br> `<application_user req="yes" status="add\edit" dt="numeric" fp="-2813" lookup="yes"></application_user>` <br> `<auto_save req="no" status="add\edit" dt="numeric" fp="-6538" lookup="yes"></auto_save>` <br> `<comments req="no" status="add\edit" dt="string" fp="-898" lookup="no"></comments>` <br> `<company req="no" status="add\edit" dt="string" fp="-886" lookup="no"></company>` <br> `<currency_code req="yes" status="add\edit" dt="numeric" fp="-1521" lookup="yes"></currency_code>` <br> `<date_format_id req="yes" status="add\edit" dt="numeric" fp="-1523" lookup="yes"></date_format_id>` <br> `<department req="no" status="add\edit" dt="string" fp="-887" lookup="no"></department>` <br> `<email req="no" status="add\edit" dt="string" fp="-896" lookup="no"></email>` <br> `<fax req="no" status="add\edit" dt="string" fp="-894" lookup="no"></fax>` <br> `<first_name req="no" status="add\edit" dt="string" fp="-890" lookup="no"></first_name>` <br> `<first_page_pref req="no" status="add\edit" dt="numeric" fp="-1981" lookup="yes"></first_page_pref>` <br> `<first_portal_pref req="yes" status="add\edit" dt="numeric" fp="-2815" lookup="yes"></first_portal_pref>` <br> `<html_email req="yes" status="add\edit" dt="numeric" fp="-4006" lookup="yes"></html_email>` <br> `<labor_rate_base req="no" status="add\edit" dt="numeric" fp="-11106" lookup="no"></labor_rate_base>` <br> `<labor_rate_currency_code req="yes" status="add\edit" dt="numeric" fp="-11110" lookup="yes"></labor_rate_currency_code>` <br> `<labor_rate_entered req="no" status="add\edit" dt="numeric" fp="-11108" lookup="no"></labor_rate_entered>` <br> `<language_id req="yes" status="add\edit" dt="numeric" fp="-1520" lookup="yes"></language_id>` <br> `<last_name req="yes" status="add\edit" dt="string" fp="-889" lookup="no"></last_name>` |

| Object Information | XML Data |
|---|---|
| • 103 = Digital Asset Portal<br>• 101 = Lead Portal<br><br>The HTML Email value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The Paper Size value codes are:<br>• 1 = 8 1/2 x 11<br>• 10 = 11 x 17<br>• 9 = A4<br>• 5 = Legal<br><br>The Password Expires value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The Portal User value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The Report Viewer value codes are:<br>• 3 = HTML<br>• 1 = JRE<br>• 0 = JVM<br><br>The Service User value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The scs_id value is a primary key of the user_group_domains table.<br>The scs_id value is a foreign key reference to the classification_schema table.<br>The group_id value is a primary key of the | `<login_id req="yes" status="add\edit" dt="string" fp="-883" lookup="no"></login_id>`<br>`<middle_name req="no" status="add\edit" dt="string" fp="-891" lookup="no"></middle_name>`<br>`<notification_type_id req="yes" status="add\edit" dt="numeric" fp="-897" lookup="yes"></notification_type_id>`<br>`<number_format_id req="yes" status="add\edit" dt="numeric" fp="-1524" lookup="yes"></number_format_id>`<br>`<office_id req="no" status="add\edit" dt="numeric" fp="-10022" lookup="yes"></office_id>`<br>`<olap_user req="no" status="add\edit" dt="numeric" fp="-5110" lookup="no"></olap_user>`<br>`<paper_size req="no" status="add\edit" dt="numeric" fp="-2672" lookup="yes"></paper_size>`<br>`<password_expires req="no" status="add\edit" dt="numeric" fp="-2639" lookup="yes"></password_expires>`<br>`<phone req="no" status="add\edit" dt="string" fp="-885" lookup="no"></phone>`<br>`<portal_user req="yes" status="add\edit" dt="numeric" fp="-2814" lookup="yes"></portal_user>`<br>`<prefix req="no" status="add\edit" dt="string" fp="-892" lookup="no"></prefix>`<br>`<report_viewer req="no" status="add\edit" dt="numeric" fp="-5951" lookup="yes"></report_viewer>`<br>`<service_user req="no" status="add\edit" dt="numeric" fp="-2637" lookup="yes"></service_user>`<br>`<suffix req="no" status="add\edit" dt="string" fp="-2799" lookup="no"></suffix>`<br>`<time_format_id req="yes" status="add\edit" dt="numeric" fp="-1526" lookup="yes"></time_format_id>`<br>`<timezone_id req="yes" status="add\edit" dt="numeric" fp="-1522" lookup="yes"></timezone_id>`<br>`<title req="no" status="add\edit" dt="string" fp="-893" lookup="no"></title>`<br>`<user_system_role req="no" status="add\edit" dt="string" fp="-13476" lookup="no"></user_system_role>`<br>`<Domains Type="collection" Mode="Drop and Replace">`<br>`    <Domain>`<br>`        <scs_id req="yes" status="add\edit" dt="numeric" fp="-1525" lookup="yes"></scs_id>`<br>`        <user_id req="no" status="read only" dt="numeric" fp="-1597" lookup="no"></user_id>`<br>`    </Domain>`<br>`</Domains>`<br>`<Groups Type="collection" Mode="Drop and Replace">`<br>`    <Group>`<br>`        <group_id req="no" status="read only" dt="numeric" fp="-1606" lookup="no"></group_id>`<br>`        <group_id req="yes" status="add\edit" dt="numeric" fp="-1607" lookup="yes"></group_id>`<br>`        <user_id req="no" status="read only" dt="numeric" fp="-1627" lookup="no"></user_id>`<br>`        <user_id req="no" status="read only" dt="numeric" fp="-1630" lookup="yes"></user_id>`<br>`    </Group>`<br>`</Groups>` |

| Object Information | XML Data |
|---|---|
| group_membership table. | |
| The group_id value is a primary key of the group_membership table. | |
| The currency_code value is a foreign key reference to the currency_codes table. | |
| The date_format_id value is a foreign key reference to the date_formats table. | |
| The labor_rate_currency_code value is a foreign key reference to the currency_codes table. | |
| The language_id value is a foreign key reference to the languages table. | |
| The notification_type_id value is a foreign key reference to the notification_types table. | |
| The number_format_id value is a foreign key reference to the number_formats table. | |
| The office_id value is a foreign key reference to the offices table. | |
| The time_format_id value is a foreign key reference to the time_formats table. | |
| The timezone_id value is a foreign key reference to the timezones table. | |

# Troubleshooting

If large requests do not complete as expected, consider adjusting the time out configuration. For more information, see chapter 7, Time Out Configuration.

Common errors in Listener requests include:

- Missing required fields
- Changing fields that the client does not have permission to edit

## Error Table

**Note**
Self-explanatory messages do not contain additional information.

| ID | Message | Additional Information |
|----|---------|------------------------|
| 0 | AN UNSPECIFIED ERROR OCCURRED | An unrecognized error was encountered. |
| 1001 | Error Logging In To Aprimo Marketing | Verify that the Client ID, Gateway Key, and DataSource parameters are correct and the DataSource name is the same in the Configuration Manager where the Web service is installed. |
| 1002 | Error Initializing Request | The most common cause is malformed XML. Verify that your XML request is encoded properly. |
| 1101 | No Interface For Object Type: {1} | Your client does not have rights to process against that particular object. Contact your system administrator to validate your client's rights, or use a client that has rights to the object. |
| 1102 | Unknown Object Type: {1} | The object type ID on the object element is invalid. |
| 1103 | Error loading XML | The most common cause is malformed XML. Verify that your XML request is encoded properly. |
| 1104 | No Objects In Request XML | The request XML did not have any object elements. |
| 1105 | Error Parsing XML | The most common cause is malformed XML. Verify that your XML request is encoded properly. |
| 1201 | Access Key Is Not Valid For Client | The most common cause is that the access key is invalid for the client ID. |
| 1202 | Client Is Inactive | Ask your system administrator to reactivate your client. |
| 1203 | Login Error | Verify the Client ID, Gateway Key, and DataSource parameters are correct and the DataSource name is the same in the Configuration Manager where the Web service is installed. |
| 1204 | Error Populating UserInfo | Indicates a problem with database connectivity, or the Aprimo Utility Service is not running. |

| ID | Message | Additional Information |
|---|---|---|
| 1205 | Error Retrieving System MaxCount | Indicates a problem with database connectivity, or the Aprimo Utility Service is not running. |
| 1301 | Error Retrieving Interfaces | Indicates a problem with database connectivity, or the Aprimo Utility Service is not running. |
| 1302 | No Field Mappings For Interface | The interface was defined incorrectly and you should verify that you have selected your field mappings. |
| 1303 | Error Getting Interface Fields | Indicates a problem with database connectivity, or the Aprimo Utility Service is not running. |
| 1304 | Error Validating Interface Security | Indicates a problem with database connectivity, or the Aprimo Utility Service is not running. |
| 1401 | Error Building Object Response XML | |
| 1501 | No Implementation For Action: {1} | The Aprimo Marketing Studio object does not support that action. |
| 1502 | Invalid Fields In Interface: {1} | The object element contains field mappings that are invalid. Verify your element names correspond to the interface field mappings in the Integration Workbench modules in Aprimo Tools. |
| 1503 | RecordID {1} does not exist | The record that you are trying to modify does not exist in the application database. |
| 1504 | Invalid Collection Nodes | One or more of the collection nodes in your request XML is invalid. Review the sample XML for the valid collection nodes. |
| 1505 | Invalid Attibute Type | |
| 1506 | Invalid Interface Rights | Ask your system administrator to provide the appropriate rights. |
| 1509 | Invalid XML For Action: {1} | The request XML is not valid for the action. |
| 1510 | The Field Is Not Mapped: {1} | A node in the object element is not defined in the interface field mappings. |
| 1512 | Missing required Aprimo fields: {1} | The listed fields are required to store an object in the application. You will need to provide a value for each of these fields in your request XML. |
| 1514 | The Client Does Not Have Interface Permissions For Action: {1} | Your client's interface does not have rights to perform the requested action on the object. Ask your system administrator to provide your interface with the appropriate rights. |
| 1601 | Error Creating Log Entry | An error occurred logging the result of your request. |
| 2005 | Error assigning object to appropriate domains | You tried to insert an object to a domain to which you do not have rights. |

| ID | Message | Additional Information |
|---|---|---|
| 2007 | Error storing object in Aprimo Marketing | An error occurred during the processing of the object for an Add or Edit action. Verify your foreign key references with the sample data that indicates which fields contain foreign key data. It begins on page 35 of this document. |
| 2008 | RecordID {1} is not available in the client's domains to delete | An error occurred during the processing of the object for an Add or Edit action. Verify your foreign key references with the sample data that indicates which fields contain foreign key data. It begins on page 35 of this document. |
| 2010 | Error deleting object from Aprimo Marketing | |
| 2014 | Missing parameter for action: {1} | You did not pass in an expected element for the object for the given action. Review the sample XML for the object type to determine what fields are required. |
| 2015 | Invalid Investment Account Cycle | The funding account ID does not exist in Aprimo Marketing Studio. |
| 2018 | End Date must be after Begin Date | The begin date must be before the end date in your object's inner XML. |
| 2027 | The recurrence pattern value must be numeric | The value for the recurrence pattern must be numeric when the recurrence pattern is daily, day of the month, weekly, or week of the month. |
| 2028 | The recurrence pattern value for this type must be a valid day of the week (1-7) | For the recurrence patterns of day of the month and week of the month, the value for the recurrence pattern must be between 1 and 7. |
| 2029 | The recurrence pattern value for this type must be greater than zero (> 0) | For the recurrence pattern of daily, the value for the recurrence pattern must be greater than 0. |
| 2030 | The recurrence pattern value for this type must be a valid day of the month (1-31) | For the recurrence pattern of weekly, the value for the recurrence pattern must be a valid day of the month (1 - 31). |
| 2031 | The recurrence pattern value for this type must be a comma delimited list | For the recurrence pattern of monthly, provide the week and the day, separated by a comma. |
| 2032 | The recurrence pattern value for this type must have a valid index value (1-5) | For the recurrence pattern of monthly, the value of the week must be between 1 and 5. |
| 2033 | The recurrence type is invalid | The application does not support the recurrence pattern you specified. |
| 2034 | The recurrence pattern value for this type can only contain each day of the week once | Your recurrence pattern value contained repeated days of the week. |
| 2035 | Activity {1} does not exist | The activity that you want to associate with an audience member does not exist. |
| 2036 | Cannot pass datetime for a task with predecessors. | |
| 2037 | Cannot pass an estimated datetime and an estimated duration. | |

| ID | Message | Additional Information |
|---|---|---|
| 2038 | Begin Date was set to a weekend; however, weekend flag was set to false. | Change the begin date or the weekend flag. |
| 2039 | End Date was set to a weekend; however, weekend flag was set to false. | Change the end date or the weekend flag. |
| 2040 | Cannot have actual work of 0 with an estimated duration. | |
| 2041 | Activity {1} does not exist in a domain for which you have access. | The client does not have domain access to the activity to which you want to associate an audience member. |
| 2042 | Audience Member {1} does not exist in a domain for which you have access. | The audience member does not exist in a domain to which your client has access. |
| 2043 | Activity History record {1} does not exist. | |
| 2044 | Household record {1} does not exist. | |
| 2045 | Record {1} is invalid for your current domain access. | |
| 2046 | The inbound form does not exist in Aprimo Marketing. | |
| 2047 | The target group of the inbound form is not audience members. | |
| 2048 | The target group of the inbound form is not participants. | |
| 2049 | The target group of the inbound form is not suppliers. | |
| 2050 | All predecessor tasks must be in the same activity as the altered task. | |
| 2051 | Cannot store the task with the selected predecessor tasks. | |
| 2052 | RecordID {1} is not available in the client's domains. | |
| 2053 | Error validating the domains for the object. | |
| 2054 | Error executing SQL Query | An unhandled error occurred executing your SQL request. |
| 2055 | Error in query object. | |
| 2056 | Investment account does not exist. | |
| 2057 | Investment account must be in the same domain as the activity. | |
| 2058 | Calendar Item {1} does not exist in a domain for which you have access. | |
| 2059 | Company {1} does not exist in a domain for which you have access. | |
| 2060 | None of the committed fund items are assigned to a valid activity. | Each commitment item in your request XML has an invalid activity ID. |
| 2061 | Activities associated with committed funds items are not in the same domain. | The activities that you are trying to assign to commitment items exist in different domains. |
| 2062 | Expense Category {1} does not exist in a domain for which you have access. | |
| 2063 | Company {1} does not exist in a domain for which you have access. | |
| 2064 | Participant {1} does not exist in a domain for which you have access. | |
| 2065 | Supplier {1} does not exist in a domain for which you have access. | |
| 2066 | User {1} does not exist in a domain for which you have access. | |
| 2069 | Program {1} does not exist in a domain for which you have access. | |

| ID | Message | Additional Information |
|---|---|---|
| 2070 | The Activity cannot be reassigned to a different Domain. | You are trying to associate an activity to a program that exists in a different domain than the program. |
| 2078 | Actual begin date cannot be null for a closed task. | |
| 2079 | Actual end date cannot be null for a closed task. | |
| 2080 | Actual begin time cannot be null for a closed task. | |
| 2081 | Actual end time cannot be null for a closed task. | |
| 2082 | Estimated duration can only be passed with an estimated duration unit. | |
| 2083 | Estimated duration cannot be negative. | |
| 2084 | Task status must be closed to have actual data. | |
| 2085 | Cannot add the activity because the client does not have rights for that domain. | |
| 2088 | Cannot store task because activity does not exist. | |
| 2089 | Actual Duration is invalid for the estimated duration. | |
| 2090 | Estimated begin time cannot be 5:00 pm for a non-milestone task. | |
| 2091 | Estimated end time cannot be 9:00 am for a non-milestone task. | |
| 2092 | Actual begin time cannot be 5:00 pm for a non-milestone task. | |
| 2093 | Actual end time cannot be 9:00 am for a non-milestone task. | |
| 2094 | Actual work must be null for milestones. | |
| 2095 | Estimated Begin Date is required for tasks without predecessors. | |
| 2096 | Estimated Begin Time is required for tasks without predecessors. | |
| 2097 | Estimated End Date is required for tasks without predecessors. | |
| 2098 | Estimated End Time is required for tasks without predecessors. | |
| 2099 | Estimated Begin Date is prohibited for tasks with predecessors. | |
| 2100 | Estimated Begin Time is prohibited for tasks with predecessors. | |
| 2101 | Estimated End Date is prohibited for tasks with predecessors. | |
| 2102 | Estimated End Time is prohibited for tasks with predecessors. | |
| 2103 | One or more of the predecessor tasks do not exist. | |
| 2104 | The weekend flag must be included with all XML requests. | |
| 2105 | Actual work is required for all closed tasks that are not milestones. | |
| 2106 | Actual begin date/time cannot equal actual end date/time for a non-milestone task. | |
| 2107 | Actual work cannot be negative. | |
| 2108 | Begin date cannot be null. | |
| 2109 | End date cannot be null. | |
| 2110 | Title cannot be null. | |
| 2111 | Schedule type cannot be null. | |

| ID | Message | Additional Information |
|---|---|---|
| 2112 | Time zone cannot be null. | |
| 2113 | You can only pass actual work with its unit. | |
| 2114 | Only {1} queries are allowed. | The SQL query statement your request XML contains is not supported by your client's interface. |
| 2115 | The Exchange Rate must be greater than 0 (zero) | To make a currency active in Aprimo Marketing Studio, you must provide an exchange rate greater than zero. |
| 2116 | The base currency Status cannot be set to inactive | You cannot set the status of the base currency of Aprimo Marketing Studio to Inactive. |
| 2119 | The Funding Mode must be specified | The Funding Mode is a required field for the collection of funding accounts for the Activity object. |
| 2123 | Amount is required for Funding Mode type Fixed Amount | For a funding mode of Fixed Amount, provide a value for the field amount. |
| 2124 | Amount for Funding Mode type Fixed Amount must be greater than 0 (zero) | For a funding mode of Fixed Amount, ensure the value of the amount is greater than 0. |
| 2125 | Amount is required for Funding Mode type Percentage | |
| 2126 | Amount for Funding Mode type Percentage must be between 0 and 100 | |
| 2128 | There must be at least one Funding Account | Each activity must have at least 1 funding account that is the controlling account. |
| 2129 | One or more Funding Modes is not known | The funding mode is not supported by the application. |
| 2130 | The percentage summation for Funding Mode type Percentage cannot exceed 100 | |
| 2131 | Factor must be greater than or equal to 0 (zero) | |
| 2132 | If Proximity Support is set to yes (1), then Country cannot be null | Provide the country when setting proximity support to 1. |
| 2133 | If Proximity Support is set to yes (1), then Postal Code cannot be null | Provide the postal code when setting proximity support to 1. |
| 2134 | Cannot assign the same Participant to Distribution Group Members more than once | |
| 2135 | At least one Distribution Group Member is required | |
| 2136 | The percentage summation for Distribution Method type Weighted must equal 100 (one hundred) | If the distribution group type is weighted, the sum of the weights for the distribution group members must equal 100. |
| 2137 | Cannot assign the same Participant to Escalation Contacts more than once | |
| 2138 | Both Product ID and Product Category ID cannot be null for Products | The product ID or the product category ID needs an assigned value. |
| 2139 | Both Product ID and Product Category ID cannot be assigned for Products | The unique combination of product ID and product category ID can only occur once. |
| 2140 | Cannot assign the same Product to Products more than once | |
| 2141 | Cannot assign the same Product Category to Products more than once | |
| 2142 | One or more Participants is not in a valid Domain to add to the Distibution Group Members collection | |

| ID | Message | Additional Information |
|---|---|---|
| 2143 | One or more Participants is not in a valid Domain to add to the Escalation Contacts collection | |
| 2144 | One or more Products is not in a valid Domain to add to the Products collection | |
| 2145 | Record {1} for Object Type {2} does not exist | The requested record ID for the given object does not exist in the application. |
| 2146 | Cannot Delete Record {1} for Object Type {2} because it is not in a Domain you have access too | |
| 2147 | Cannot Edit Record {1} for Object Type {2} because it is not in a Domain you have access too | |
| 2148 | RecordID is missing or is 0 (zero) | The RecordID element was not found in the object's inner XML or the value is 0. |
| 2149 | You do not have access to one or more domains you are trying to remove this object from | |
| 2150 | You do not have access to add this object to one or more provided domains | |
| 2151 | One or more Users that you are assigning is already associated to a Participant | |
| 2152 | A User cannot be both a Service User and an Application/Portal/Toolkit User | |
| 2153 | Cannot add another User.  The number of active users is at the maximum allowed by the system. | You have reached the maximum number of users licensed by Aprimo Marketing Studio. |
| 2154 | The Object Type ID {1} is not available to add Notes through the XML Gateway. | The object type ID is not enabled for the Integration Workbench; therefore, you cannot add notes to this object. |
| 2155 | Cannot add Note to the object because the object is not in the logged on Domain | The record to which you want to assign a note does not exist in the current domain. |
| 2156 | The Object Type ID {1} does not support Notes | |
| 2157 | The Parent Note does not exist | |
| 2158 | Cannot assign Note ID {1} as Parent because it is not the beginning Note of a thread | The note ID cannot be assigned as a parent note because it has a parent note. |
| 2159 | The Note has Replies and cannot be deleted | A note that has a reply cannot be deleted until all of the replies have been deleted. |
| 2160 | The object is not in the logged on Domain | The object that is associated with the note that you want to delete does not exist in the current domain. |
| 2161 | Error during Get/MGet: {1} | |
| 2162 | The Rep. Assigned must be a member of the Distribution Group | The rep ID does not belong to the distribution group. |
| 2163 | Each new Distribution Groups of Record must have a unique combination of Product ID and Distribution Group ID | The unique combination of product ID and distribution group ID can occur only once in the application. |
| 2164 | One or more Products is not in a available Domain to the Audience Member/Company | At least one product ID that you want to associate with an audience member or company is not in a domain to which your client has access. |
| 2165 | One or more Distribution Groups is not in a available Domain to the Audience Member/Company | At least one distribution group ID that you want to associate with an audience member or company is not in a domain to which your client has access. |

| ID | Message | Additional Information |
|---|---|---|
| 2166 | Cannot create Lead as the Audience Member ID {1} is not in the current Domain. | The audience member ID does not exist in the current domain. |
| 2167 | Cannot create Lead as the Product ID {1} is not in the current Domain | The product ID does not exist in the current domain. |
| 2168 | Cannot create Lead as there already exists one for this Audience Member, Product and Assignment Mode | The unique combination of audience member, product, and assignment mode can occur only once in the application. |
| 2169 | Cannot create Lead as the Territory ID {1} is not in the current Domain | The territory to which you want to assign the lead does not exist in the current domain. |
| 2170 | Cannot create Lead as the Territory and Lead Assignment Mode modes differ | The territory status and the lead status need to match. |
| 2171 | Cannot create Lead as the Distribution Group ID {1} does not belong to Territory ID {2} | The distribution group ID does not belong to the territory to which the lead will be associated. |
| 2172 | Cannot create Lead as the Rep Assigned ID {1} is not in the current Domain | The rep ID for the report does not exist in the current domain. |
| 2173 | Cannot create Lead as the Rep Assigned ID {1} does not belong to Distribution Group ID {2} | The rep ID for the rep does not belong to the distribution group to which you are associating the lead. |
| 2174 | Missing required Aprimo fields: Audience Member ID | To create a contact history record, audience member ID is required. |
| 2175 | Missing required Aprimo fields: Interaction ID | For contact history records created for the start of interactions and the completion of interactions, the interaction ID is required. |
| 2176 | Missing required Aprimo fields: Interaction Title | For contact history records created for the start of interactions and the completion of interactions, the interaction title is required. |
| 2177 | Missing required Aprimo fields: Form ID | The outbound form ID is required to create a contact history record for the outbound message being sent. |
| 2178 | Missing required Aprimo fields: Form Title | The form title is required to create a contact history record for the outbound message being sent. |
| 2179 | One of Audience Member ID and Company ID is required to have a value for Product History | Specify the audience member ID or the company ID to create a product history record. |
| 2180 | Missing required Aprimo fields: Product ID | The product ID is required to create a product history record. |
| 2181 | Only one of Audience Member ID and Company ID may have a value for Product History | You must specify either the audience member ID or the company ID to create a product history record. |
| 2182 | The Audience Member {1} does not exist | |
| 2185 | Period must be between 1 and 12 | |
| 2186 | The Target ID {1} does not exist | |
| 2187 | The Target ID {1} is not in an accessible Domain | The target ID for the form results does not exist in a domain to which your client has access. |

| ID | Message | Additional Information |
|---|---|---|
| 2188 | Activity ID cannot be 0 for Form Results | Provide the activity ID in the inner XML for the form results object to resolve the interface you are processing against. |
| 2189 | Inbound ID cannot be 0 for Form Results | Provide the inbound ID in the inner XML for the form results object to resolve the interface that you are processing against. |
| 2190 | Field ID is required and cannot be 0 | |
| 2191 | The Field ID {1} is invalid | The field ID does not belong to the inbound form associated to your client's interface. |
| 2192 | The Activity ID {1} is invalid | |
| 2193 | The Task must have exactly one owner | You need to provide only one participant to be the owner of the task. |
| 2194 | Cannot update Task status to 'Declined' because the system parameter is not enabled for this setting | |
| 2195 | Cannot update Task status to 'Closed' because there are not any Detail Time Entries entered for the Task owner or additional assignees. | This error occurs only when detailed time tracking is enabled. |
| 2196 | Cannot update Task status to 'Closed' because there are not any actuals for the Task owner or additional assignees. | This error occurs only when detailed time tracking is disabled. |
| 2197 | Cannot assign the same Participant to multiple additional assignees | Do not assign the same participant to more than one assignee for a task. |
| 2198 | Cannot assign Participant {1} to the additional assignee because it does not exist | The participant ID does not exist in the application. |
| 2199 | Cannot assign Participant {1} to the additional assignee because it is not in the Task's Domain | The participant ID cannot be used because the participant does not exist in the same domain as the task. |
| 2200 | Cannot assign Participant {1} to the additional assignee because it is currently assigned to the Task owner | The participant ID cannot be used for an assignee because that participant is currently the task owner. |
| 2201 | Cannot update work status to 'Declined' because the system parameter is not enabled for this setting | Do not assign Declined as the work status for an assignee. That status is not available. |
| 2202 | Cannot update work status to 'Closed' for an assignee because there are not any actuals | Before you can close the work for an assignee, fill out the actuals. This occurs only when detailed time tracking is disabled. |
| 2203 | Cannot update work status to 'Closed' for an assignee because there must be at least one detailed time entry | This error occurs only if detailed time tracking is enabled. |
| 2204 | Cannot assign Participant {1} to the Task owner because it does not exist | The participant ID provided to be the task owner does not exist in the application. |
| 2205 | Cannot assign Participant {1} to the Task owner because it is not in the Task's Domain | The participant ID that you provided to be the task owner does not belong to the domain where the task exists. |
| 2206 | The Task status must be set to 'Closed' to set the actual end date or time | You cannot assign the actual end date and the actual end time until the task status is set to Closed. |
| 2207 | The additional assignee work status must be set to 'Completed' to set the actual end date or time | This error occurs only when detailed time tracking is enabled. |

| ID | Message | Additional Information |
|---|---|---|
| 2208 | Cannot assign estimated dates if the Task has predecessors | If the task has predecessors, you cannot provide the estimated begin date and the estimated end date in the object's inner XML. |
| 2209 | Estimated duration must be greater than 0 | |
| 2210 | The Activity {1} is not in an accessible Domain | The activity ID that you want to associate a task to does not exist in a domain to which your client has access. |
| 2211 | Estimated duration or estimated duration units cannot be null | The task has predecessors but the estimated duration was not provided in the object's inner XML. |
| 2212 | Cannot assign estimated duration if assigning estimated dates | If you provide the estimated begin date and the estimated end date, you cannot provide the estimated duration for the task. |
| 2213 | Estimated duration cannot be less than zero | You cannot enter a negative value for the estimated duration. |
| 2214 | Estimated dates cannot be null | If your task does not have predecessors, provide the estimated begin date and the estimated end date. |
| 2215 | The estimated begin date cannot be on the weekend | The task does not allow weekends. |
| 2216 | The estimated end date cannot be on the weekend | The task does not allow weekends. |
| 2217 | The estimated begin time must be before the end of the day (less than 8) | The begin time cannot occur at the end of the day. Move your begin day to the next day and set the begin time to the beginning of the day, or move the begin time to earlier in the day. |
| 2218 | The estimated end time must be after the beginning of the day (greater than 0) | The end time cannot occur at the beginning of the day. Move your end date back a day and set the end time for the end of the day, or move the end time later in the day. |
| 2219 | The estimated begin date must be before the estimated end date | Correct your values for the begin date and the end date in your object's inner XML so the begin date is before the end date. |
| 2220 | The sub activity {1} is not valid for the activity {2} | The sub-activity ID does not belong to the activity to which the task is associated. |
| 2221 | The actual begin date must be before the actual end date | Correct your values for the begin date and the end date in your object's inner XML so the begin date is before the end date. |
| 2222 | Cannot assign duplicate Predecessor {1} to the Task | The task ID that you are associating as a predecessor is already a predecessor to the given task. |
| 2223 | Task {1} is not available as a Predecessor | The task ID that you want to associate as a predecessor cannot be a predecessor to that task. |
| 2224 | When closing a milestone, you must provide the actual begin date, begin time, end date, and end time for the task owner. | Regardless of the system parameter setting for detailed time entries, you need to pass in the owner's actual begin date and time and actual end date and time to close a milestone. |

| ID | Message | Additional Information |
|---|---|---|
| 2225 | Parent Company must not cause a circular reference to occur. | Verify that the parent company is not the same as the company and the parent company is not a child of the company. |
| 2226 | Data Source {1} does not exist. | The Data Source ID does not exist in the application. |
| 2227 | Cannot add another Advanced Toolkit User. The number of advanced toolkit users is at the maximum allowed by the system. | You are at the maximum number of Application Workbench users licensed by Aprimo Marketing Studio. |
| 2228 | The default Version cannot be deleted. | |
| 2229 | The Digital Asset must have exactly one default Version. | |
| 2230 | The Digital Asset must have at least one Version. | |
| 2231 | The Digital Asset must have at least one Rendition per Version. | |
| 2232 | Cannot add Renditions to a Version that is not the default Version. | |
| 2233 | Color cannot be specified when Used in Annotations is 0. | To specify a color, set used_in_annotations to 1 or remove the color value. |
| 2234 | Each user or group may only be specified once per role. | |
| 2235 | The activity_id field is required. | |
| 2236 | Workflow {1} does not exist. | A workflow corresponding to the specified ID could not be found. |
| 2237 | Workflow {1} is not valid. | The workflow identified by the specified ID cannot be validated. Only validated workflows are used to create projects. |
| 2238 | A role may be specified only once per {1}. | Ensure each role being added to a project is unique to the project or activity. |
| 2239 | Only projects in draft status may be deleted. | |
| 2240 | Each user token may only be specified once per role. | |
| 2241 | A user id or user token id is required. | |
| 2242 | Project Visibility can only be specified when the object is an Activity or Project. | The project_visibility attribute of the attachments object applies only to activities and projects. |
| 2243 | Each attachment must have at least one version. | |
| 2244 | The specified folder is not valid for the object type {1} and object {2}. | The folder ID is specific to the object type and object. |
| 2245 | Each attachment may have only one default version. | Exactly 1 attachment version is specified as the default for the attachment. |
| 2246 | Each attachment must have a default version. | Exactly 1 attachment version is specified as the default for the attachment. |
| 2247 | {1} is only editable while the task is in "{2}" status. | Field {1} can be modified only while the task is in the specified status {2}. |
| 2248 | Tasks that are closed, cancelled, or removed may not be edited. | |
| 2249 | {1} cannot be changed after a task has been assigned. | Field {1} cannot be changed after the task has been assigned. |
| 2250 | {1} cannot be changed when start type is {2}. | Field(s) {1} cannot be changed when the task's start type is {2}. |
| 2251 | {1} fields cannot be set for non-review tasks. | Field {1} is read-only for non-review tasks. |
| 2252 | Cannot move a {1} into draft. | Object {1} cannot be changed to Draft. |
| 2253 | Vote Result is required when closing a review task. | |

| ID | Message | Additional Information |
|---|---|---|
| 2254 | At least one assignee/reviewer must be specified. | Non-review tasks require at least 1 assignee. Review tasks require at least 1 reviewer. |
| 2255 | Only one active assignee is permitted on a "One Must Close" task. | When a task is set to One Must Close, exactly 1 assignee is required. |
| 2256 | Begin and end dates cannot be set manually while detailed time tracking is turned on. | Detailed time tracking does not permit begin dates and end dates to be specified directly. Begin and end dates are calculated from the detailed entries. |
| 2257 | Reviewer sequence must be unique on review tasks. | The sequence of the reviewers for a review task is specified and unique for the task. |
| 2258 | A role id, user id, or user token id must be specified. | |
| 2259 | Assignees must be unique per task. | |
| 2260 | Assignee accept failed. | The assignee could not be marked as having accepted the task. |
| 2261 | Vote result is required when closing as review task. | |
| 2262 | Assignee decline failed. | The assignee could not be marked as having declined the task. |
| 2263 | reject_id is required when vote_result is reject. | |
| 2264 | Work Entry is required for this task therefore actual time must be provided for each assignee. | |
| 2265 | Total time per day cannot exceed twenty-four hours. | |
| 2266 | {1} is required for uploaded documents. | Field {1} is required for uploaded documents. |
| 2267 | Start tasks cannot have predecessors. | |
| 2268 | The specified task ({1}) is not valid as a predecessor for this task. | |
| 2269 | Assignee close failed. | The assignee could not be marked as having closed the task. |
| 2270 | Votes cannot be changed. | |
| 2271 | Work fields are read only on Review tasks. | |
| 2272 | Exactly one document may be supplied. | Exactly 1 attachment must be provided when "More than one required" is false. |
| 2273 | More than one document must be supplied. | At least 2 attachments must be provided when "More than one required" is true. |
| 2274 | Uploaded documents may only be specified when the required document type is upload. | |
| 2275 | The document is already included as a required document and may not be included as a supporting document. | |
| 2276 | One and only one predecessor must be specified when adding a new task. | |
| 2277 | Predecessor Task ID must be provided. | A task ID must be specified as the predecessor to create a new task. |
| 2278 | Predecessor task could not be loaded. | The task ID specified as the predecessor for the new task could not be loaded. |
| 2279 | End tasks cannot be used as predecessors. | End tasks mark the end of a workflow; therefore, they may not precede any additional tasks. |
| 2280 | Closed tasks may not be used as predecessors. | Tasks that have been closed cannot be a predecessor for a new task. |

| ID | Message | Additional Information |
|---|---|---|
| 2281 | Calculations based on the start date require either the end date or duration.  Tasks set to Start ASAP will only accept duration. | |
| 2282 | Calculations based on the end date require either the start date or duration. | |
| 2283 | Calculations based on the duration require either the start date or end date. | |
| 2284 | {1} and {2} cannot be used together for a single document. | Occurs when values are provided for 2 conflicting columns (on required and supporting documents) such as attachment_id and asset_id or attachment_type_id and asset_type_id. |
| 2285 | The Supporting Documents object does not support uploads. | |
| 2286 | {1} must be specified when document type is {2} and category is {3}. | Required fields for required and supporting documents are based on the combination of document type and category. |
| 2287 | {1} is required when document type is {2}. | Required fields for required and supporting documents are based on the document type. |
| 2288 | user_id must refer to a valid Aprimo Marketing user. | Groups are not allowed by this object. |
| 2289 | Assignee Time Entries are not allowed while detailed time tracking is disabled. | Time Entry records are allowed only when Detailed Time Tracking is enabled. |
| 2290 | At least one predecessor must be provided. | Tasks must have at least 1 predecessor. |
| 2291 | The lock_start field may only be changed on start tasks that are set to Start ASAP and have a status of Draft or Projected. | |
| 2292 | reject_id must be specified when rejecting a review task. | |
| 2293 | comments must be specified when rejecting a review task. | |
| 2294 | Cannot delete an Activity-Specific {1}. | The activity-specific object cannot be deleted. |
| 2295 | Cannot edit an Activity-Specific {1}. | The activity-specific object cannot be edited. |
| 2296 | An invalid Incentive has been selected. | |
| 2297 | The Begin Date must be before or equal to the Expiration Date. | |
| 2298 | Only one checklist may be the default. | |
| 2299 | Only one data collection template may be the default. | |
| 2300 | Source Roles may only be modified while the task is Accepted or In Process. | |
| 2301 | enable_alap may only be changed while the project is in Draft status. | |
| 2302 | Could not find the specified project. | |
| 2303 | The "As Soon As Possible" start type is not permitted by the project. | |
| 2304 | The "As Late As Possible" start type is not permitted by the project. | |
| 2305 | Digital Assets that have been locked may not be edited via the XML Gateway. | |

| ID | Message | Additional Information |
|---|---|---|
| 2306 | Digital Assets that have been locked or checked out may not be deleted via the XML Gateway. | |
| 2307 | A new version may not be created via the XML Gateway while the asset is checked out. | |
| 2308 | In order to make an expired asset available the expiration date must be removed or set to at least one day in the future. | |
| 2309 | Notification timeframes must be between 0 and 999 inclusive. | |
| 2310 | The location code must be unique on all the contacts for a supplier. | |
| 2311 | The supplier number must be unique across all suppliers in the application. | |
| 2312 | The group must be marked as a finance group to be added to the finance groups collection. | |
| 2313 | Only currencies currently active within the system may be selected for funding accounts. | |
| 2314 | Only fiscal years which are open for the selected finance group may be selected for funding accounts. | |
| 2315 | Cannot change {1} when funding account type is not draft. | |
| 2316 | Cannot Set funding account type to {1} via the Gateway. | |
| 2317 | Only one forecast only account is permitted per finance group per fiscal year. | |
| 2318 | Budget data is not allowed on forecast only type funding accounts. | |
| 2319 | A forecast only account cannot be created when planned accounts exist for the finance group for the fiscal year. | |
| 2320 | Cannot change fiscal year or finance group when mapping information exists for the funding account. | |
| 2321 | Draft Funding Accounts may only be deleted when mapping information is not present. | |
| 2322 | Funding Accounts may only be deleted when the account type is Draft. | |
| 2323 | Total percentage must equal 100%. | |
| 2324 | Funding Account Budget items cannot be deleted. | |
| 2325 | Budget information is required for add and cut type funding accounts. | |
| 2326 | Could not find the {1} table in the summary DataSet. | The requested table was not present in the DataSet. |
| 2327 | Budget data may only be changed on Draft Funding Accounts. | |
| 2328 | Fiscal Year cannot be changed while the Expense Hierarchy is in use. | |
| 2329 | Expense Categories cannot be added to additional Expense Hierarchies when the "Do not allow..." flag is set to Yes [allow_add field is false]. | |
| 2340 | use_hier_status cannot be changed unless the Expense Category status is inactive and the Branch (node) is active. | |
| 2341 | Cannot change Commitment status to {1} from its current state. | Moving the Commitment to the specified status is not allowed. |

| ID | Message | Additional Information |
|---|---|---|
| 2342 | Cannot delete commitments when they are tied to active invoices or journal vouchers tied to the commitment. | |
| 2343 | Cannot delete commitments when they are tied to closed fiscal periods tied to the commitment. | |
| 2344 | The effective date of the exchange rate cannot be earlier than tomorrow. | |
| 2345 | This effective date is already in use for this currency. | |
| 2346 | The exchange rate cannot be changed after it has been used. | |
| 2347 | The exchange rate cannot be deleted after it has been used. | |
| 2348 | The pre-dated rate cannot be changed or deleted after it has been set. | |
| 2349 | Currencies may not be deleted after they have been used. | |
| 2350 | Currencies cannot be made active unless the pre-dated rate has been set. | |
| 2351 | Commitments in any Pending Approval status may only be retrieved. | |
| 2352 | Cannot delete commitment items when they are tied to active invoices or journal vouchers. | |
| 2353 | At least one Commitment Item must be provided. | |
| 2354 | Supplier and Supplier Contact cannot be changed while active invoices are tied to the commitment. | |
| 2355 | Expense Category is read-only when active Invoices are tied to the commitment. | |
| 2356 | Commitment Item value cannot be set below the total of paid Invoices and reconciled Journal Vouchers. | |
| 2357 | Commitments may not be changed after they have been cancelled. | |
| 2358 | Cancelled Commitments may not be edited. | |
| 2359 | Cannot cancel a Commitment when non-open periods are present. | |
| 2360 | Cannot cancel a Commitment when active invoices are present. | |
| 2361 | The selected contact is not associated with the selected supplier. | |
| 2362 | Expense Category is required on Commitment Items when the "Expense Categories in Financials" system parameter is set to Yes. | |
| 2363 | Activities on a Commitment cannot cross Finance Groups. | |
| 2364 | The specified Fiscal Period is not valid for the Fiscal Year and Finance Group. | |
| 2365 | The specified Supplier is not associated with the Finance Group. | |
| 2366 | Invoices cannot be deleted while their status is Pending Sent or Paid. | |
| 2367 | At least one Invoice Item must be provided. | |
| 2368 | Changes to an Invoice are not permitted while the Invoice is pending approval. | |
| 2369 | Only the Paid Date may be changed while the Invoice is pending payment. | |

| ID | Message | Additional Information |
|---|---|---|
| 2370 | Only the Exchange Rate may be changed once the Invoice is Paid. | |
| 2371 | Invoices may not be edited after being cancelled. | |
| 2372 | The Invoice may not be retrieved from its current status. | |
| 2373 | Setting the Invoice to the specified status is not allowed. | |
| 2374 | The Invoice cannot be submitted from its current status. | |
| 2375 | Rejected at Accounts Payable status may only be set when the Invoice is Pending Payment. | |
| 2376 | The Invoice cannot be cancelled from its current status. | |
| 2377 | Paid Date is required in order to mark the Invoice as paid. | |
| 2378 | The Invoice cannot be marked as paid from its current status. | |
| 2379 | Paid Date must fall within the Invoice's Scheduled Payment Date. | |
| 2380 | Paid Date must fall within an open Fiscal Period. | |
| 2381 | A Commitment is required when the Commitment ID Required System Parameter is set to Yes. | |
| 2382 | Only approved Commitments may be selected for use on an Invoice. | |
| 2383 | Exchange Rate may only be set on reconciled Invoices. | |
| 2384 | The Fiscal Year must be open for the Finance Group. | |
| 2385 | Net must be positive. | |
| 2386 | Paid Date may only be set when the Invoice is pending payment. | |
| 2387 | A Commitment Item must be selected when the Invoice is tied to a Commitment. | |
| 2388 | Activities on an Invoice cannot cross Finance Groups. | |
| 2389 | Journal Vouchers that are Pending Reconciliation - Sent or Reconciled cannot be deleted. | |
| 2390 | At least one Journal Voucher Item must be provided. | |
| 2391 | Journal Vouchers being added via the Integration Workbench Listener must come in as Reconciled. | |
| 2392 | Journal Vouchers pending reconciliation cannot be edited. | |
| 2393 | Only the Exchange Rate may be changed on reconciled Journal Vouchers. | |
| 2394 | {1} Journal Vouchers cannot be modified. | You cannot modify a journal voucher in a status that does not permit edits. |
| 2395 | The Journal Voucher cannot be retrieved from its current status. | You cannot retrieve a journal voucher from a status that does not allow the Retrieve action. |
| 2396 | The Journal Voucher cannot be moved to the selected status. | You cannot move a journal voucher into a status that cannot be reached from its current status. |
| 2397 | The Journal Voucher cannot be submitted from its current status. | You cannot submit a journal voucher from a status that does not allow the Submit action. |
| 2398 | The Journal Voucher cannot be submitted when its associated funding status is locked. | |

| ID | Message | Additional Information |
|---|---|---|
| 2399 | The Journal Voucher cannot be submitted when the posted date is not provided and the GL Integration flag is set to Yes. | Journal vouchers cannot be submitted when the posted date is not provided when working in an integrated environment. |
| 2400 | The Journal Voucher cannot be submitted when an associated activity has Forecast Only accounts. | |
| 2401 | The Journal Voucher cannot be moved to reconciled from its current status. | |
| 2402 | The Journal Voucher cannot be moved to reconciled unless the Posted Date is provided. | |
| 2403 | The Journal Voucher cannot be moved to rejected at accounts payable from its current status. | |
| 2404 | The Journal Voucher cannot be cancelled from its current status. | |
| 2405 | Posted Date must fall within the Journal Voucher's Scheduled Posting Fiscal Year. | |
| 2406 | Posted Date must fall within an open Fiscal Period. | |
| 2407 | Exchange Rate may only be changed when the Journal Voucher is reconciled. | |
| 2408 | The Send to External Accounting System value cannot be changed when the Integrate with External Accounting System system parameter is set to No. | |
| 2409 | Posted Date must be in the past. | |
| 2410 | Posted Date must occur in the same Fiscal Year as the Scheduled Posting Fiscal Year. | |
| 2411 | Posted Date must fall within an open Fiscal Period. | |
| 2412 | Commitment Item must be provided when the Journal Voucher is tied to a Commitment. | |
| 2413 | Activities on a Journal Voucher cannot cross Finance Groups. | |
| 2414 | Expense Category is required on Journal Voucher Items when the "Expense Categories in Financials" system parameter is set to Yes. | |
| 2415 | The Expense Category is not valid for the Scheduled Posting Fiscal Year and the Finance Group. | |
| 2416 | Currency Code could not be found. | |
| 2417 | The Attachment could not be found for object type {1} - Object {2}. | Attachment could not be found. |
| 2418 | Funding Mode must be By Expense Category in order to specify the ExpenseCategories collection. | |
| 2419 | Activity Funding Accounts cannot be changed when they are not current. | |
| 2420 | At least one Expense Category must be provided for By Expense Category Funding Accounts | |
| 2421 | exp_cat_id is required for each Expense Category | |
| 2422 | Amount must be positive | |
| 2423 | funding_percentage is required when funding mode is Percentage | |
| 2424 | Total of Funding Accounts funded by percentage cannot exceed 100 percent. | |
| 2425 | Funding Accounts cannot cross Finance Groups. | |

| ID | Message | Additional Information |
|---|---|---|
| 2426 | Exactly one Controlling Account must be specified per Fiscal Year. | |
| 2427 | The selected Activity Type Status is not valid for the selected Activity Type. | |
| 2428 | The selected Activity Status is not valid for the selected Activity's Type. | |
| 2429 | The selected Program Type is not active. | |
| 2430 | The Invoice cannot be submitted because there are forecast funding accounts on the associated activity. | |
| 2431 | The selected Commitment is not in the proper status to be used on an Invoice. | |
| 2432 | The Invoice cannot be submitted because the Commitment line items are not open. | |
| 2433 | Cannot move the Journal Voucher to Rejected at Accounts Payable when operating outside of an integrated environment. | |
| 3001 | The internal id cannot be null | |
| 3002 | The external id cannot be null | |
| 3003 | Error inserting key mapping into database | |
| 3004 | Unexpected error in SetAprimoKey | An unrecognized error was encountered while processing the SetAprimoKey request. |
| 3101 | Invalid key type | |
| 3102 | Error querying for requested key | |
| 3103 | There is no mapping defined for the given key | |
| 3104 | Unexpected error in GetAprimoKey | An unrecognized error was encountered while processing the GetAprimoKey request. |
| 3201 | Unexpected error in SetAprimoKeys | An unrecognized error was encountered while processing the SetAprimoKeys request. |
| 3202 | Unexpected error in GetAprimoKeys | An unrecognized error was encountered while processing the GetAprimoKeys request. |
| 3301 | Unexpected error in StatusMessage | An unrecognized error was encountered while processing the StatusMessage request. |
| 3401 | The audience member status set may not be inactive. | |
| 3501 | Attempted merge failed. | |
| 3601 | Product Category cannot be inactive. | |
| 3603 | Supplier Type cannot be inactive. | |

# 5. Integration Workbench Publisher

The Integration Workbench Publishing Service is a Microsoft Windows service that enables Aprimo Marketing Studio to interact with external applications. The information in the Publisher module connects Aprimo Marketing Studio to the Integration Workbench Publishing Service. You can have multiple publishing services in Aprimo Marketing Studio, but only one publishing service per server.

Actions in Aprimo Marketing Studio trigger events in the publishing service. The publishing service sends the information to an adapter, which sends the information to a designated application.

Before you can use the Integration Workbench Publishing Service, you configure a client and subscription. For more information, see chapter 3, Integration Workbench Clients.

You create adapters outside of Aprimo Marketing Studio. For more information, see chapter 6, Adapters, or contact Aprimo Customer Support.

## Output

The publishing service sends XML data to a Publishing Adapter Web Service. The output begins with the opening tags and ends with the closing tags, with object-specific data in between. The object-specific data is determined by the objects and fields selected for a given client subscription.

| Block | XML Data |
|---|---|
| Opening Tags | <?xml version="1.0" encoding="utf-8" standalone="yes"> <br> <AprimoXMLPublishing> <br> <TimeStamp>Wednesday 16:32:06.0897232</TimeStamp> <br> <ActionType>2</ActionType> <br> <DataObjects> <br> <Object> <br> <Message>TYPE=1;SCSID=1;DSN=AprimoEnterprise552_2;ACTIONID= 2;USERID=1;OBJECTID=9;RECID=1;</Message> <br> <ObjectTypeID>9</ObjectTypeID> <br> <ResultData> |
| Object Specific Data | Refer to the Integration Workbench Publisher object-specific examples tables that begin on page 107 of this document. |
| Closing Tags | </ResultData> <br> </Object> <br> </DataObjects> <br> </AprimoXMLPublishing> |

### Opening Tags

The publisher output begins with these opening tags:

- The time stamp represents when the data is sent.
- The Action Type Number depends on what action occurred for this object.

| Action | Action Type Number |
|---|---|
| Add | 1 |

| Action | Action Type Number |
|--------|--------------------|
| Edit   | 2                  |
| Delete | 4                  |

For the Object Type IDs, see the Object Types list on page 105.

The data in the Message tags that contains references for the object is internal to the application.

## Expanded Objects

Occasionally, object fields represent other Aprimo Marketing Studio objects. In these cases, both objects can be included in a single published message. Including the expanded object information can increase performance by reducing the number of Web requests necessary to retrieve information.

## Details

All Integration Workbench Published events share the same structure.

| Event Details | XML Structure |
|---------------|---------------|
| The <TimeStamp> value is based on the time setting for the current Publishing Server.<br><br>The <ActionType> node indicates which event occurred within the application to trigger the published message.<br><br>The <Message> node is for reference use only.<br><br>The <ObjectTypeID> node value corresponds with one of the supported object type codes listed in the Object Types section of this document.<br><br>The list of <ResultData> child nodes will include the selected fields on the Subscription of the Client for the given object type. For each selected field, if no Label is specified in the Subscription, the application database field name is used by default. | `<?xml version="1.0" encoding="utf-8" standalone="yes" ?>`<br>`<AprimoXMLPublishing>`<br>    `<TimeStamp>Thursday 15:34:02.0156250</TimeStamp>`<br>    `<ActionType>2</ActionType>`<br>    `<DataObjects>`<br>        `<Object>`<br><br>        `<Message>TYPE=1;SCSID=1;DSN=Sales;USERID=8;ACTIONID=2;OBJECTID=4;RECID=76;</Message>`<br>        `<ObjectTypeID>8</ObjectTypeID>`<br>        `<ResultData>`<br>            `[object specific field values]`<br>            `.`<br>            `.`<br>        `</ResultData>`<br>        `</Object>`<br>    `</DataObjects>`<br>`</AprimoXMLPublishing>` |

### Note

For the publisher and the listener, the object specific data can have a one-to-many relationship. Therefore, one object might have a field or fields that can contain multiple values. For example, an audience member can have one or more company roles, domains, and household roles.

## Object Types

The Integration Workbench Publisher supports these Aprimo Marketing Studio object types:

| Object Type | ObjectTypeID Value |
| --- | --- |
| Accounting Integration | 10283 |
| Activities | 1 |
| Activity Audience Members | 37 |
| Activity Cells | 10100 |
| Attachments | 6214 |
| Audience Members | 9 |
| Brands | 10065 |
| Calendar Items | 6069 |
| Clients | 10056 |
| Commitments | 6135 |
| Companies | 35 |
| Currency Codes | 6025 |
| Currency Exchange Rates | 10270 |
| Digital Assets | 39 |
| Distribution Groups | 6120 |
| Expense Categories | 6171 |
| Form Response History | 6206 |
| Funding Accounts | 10235 |
| History Records | 6435 |
| Households | 36 |
| Incentives | 10121 |
| Invoices | 6 |
| Journal Vouchers | 10345 |
| Leads | 6280 |
| Notes | 6202 |
| Offers | 9709 |
| Participants | 8 |
| Products | 6275 |
| Programs | 2 |
| Projects | 9952 |
| SQL Query | 6219 |
| Suppliers | 11 |
| Tasks | 9963 |
| Treatments | 9711 |
| Users | 12 |
| User Roles | 9944 |

## Technical Guidelines

These guidelines help the performance of the Integration Workbench Publisher:

- **Adapter Code Practice**
  Implement the adapter code in a multi-threaded fashion. Adapters that receive published data are only required to acknowledge the message was received. Therefore an adapter should:

  - Receive a message.
  - Queue the message to be processed by another thread.
  - Return true or false.

- **Gateway Client Status**
  If a client has a Universal Resource Identifier (URI) that is known to be inoperable or the URI does not exist, change the status of the client to Inactive. If the URI is not available, all active clients that should receive publications have to wait on network time-outs. This can cause the publishing service to be slow.

- **Service Threads**
  Single processor machines work best with fewer than 25 running threads. You can access this setting in the Configuration Manager. If more threads are assigned, time slice between threads can be so minimal that work processing deteriorates.

- **Selected Events**
  Do not select add, edit, or delete events if they are not required for a particular subscription. This additional messaging unnecessarily uses service resources.

- **Debug**
  Run in the debug mode only if necessary. Debug mode creates excessive file input and output, which slows the publishing service.

**Note**

For performance reasons, ensure that when data is modified in another application by data received from a publisher event, and a process is configured to transmit changes to Aprimo Marketing Studio for the same data, the data is not sent back to Aprimo Marketing Studio.

## Integration Workbench Publisher Object-Specific Examples

These XML string examples illustrate the published XML from Aprimo Marketing Studio. Every object's unique key is identified by the RecordID element. Field can optionally be identified by Label, as long as an "aprimo_name" attribute is present and contains the Aprimo field name.

**Example**

```
<[FieldLabel] aprimo_name="prefix"></prefix>
```

## Accounting Integration

| Object Information | XML Data |
|---|---|
| The gl_integration_id value is a primary key of the gl_integration table. | &lt;RecordID id="gl_integration_id" req="no" status="read only" dt="numeric" fp="-15304" lookup="no" expanded="no"&gt;&lt;/RecordID&gt;<br><br>&lt;EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no"&gt;<br>   &lt;value lookup="Picklist - Enhanced, Multiple Selection"&gt;zero or more elements&lt;/value&gt;<br>&lt;/EXTVALUExxx&gt; |

## Activities

| Object Information | XML Data |
|---|---|
| The activity_id value is a primary key of the activities table.<br>The Financial Status value codes are:<br>  • 0 = Open<br>  • 1 = Locked<br><br>The Origin value codes are:<br>  • 2 = From Activity Add<br>  • 5 = From Activity Copy<br>  • 3 = From Activity Request<br>  • 4 = From Activity Request Form<br>  • 1 = From Proposal FastTrack<br>  • 0 = From Proposal Review<br><br>The activity_role_id value is a primary key of the activity_roles table.<br>The user_role_id value is a foreign key reference to the user_role table.<br>The audience_id value is a foreign key reference to the audiences table.<br>The act_funding_acct_id value is a primary key of the act_funding_accounts table. | &lt;RecordID id="activity_id" req="yes" status="edit only" dt="numeric" fp="-401" lookup="no" expanded="no"&gt;&lt;/RecordID&gt;<br>&lt;activity_state_id req="yes" status="add\edit" dt="numeric" fp="-403" lookup="yes" expanded="no"&gt;&lt;/activity_state_id&gt;<br>&lt;activity_type_id req="yes" status="add\edit" dt="numeric" fp="-404" lookup="yes" expanded="no"&gt;&lt;/activity_type_id&gt;<br>&lt;administrator_id req="yes" status="add\edit" dt="numeric" fp="-128" lookup="yes" expanded="no"&gt;&lt;/administrator_id&gt;<br>&lt;begin_date req="yes" status="add\edit" dt="date" fp="-406" lookup="no" expanded="no"&gt;&lt;/begin_date&gt;<br>&lt;creator_id req="no" status="read only" dt="numeric" fp="-335" lookup="yes" expanded="no"&gt;&lt;/creator_id&gt;<br>&lt;currency_code req="yes" status="add\edit" dt="numeric" fp="-1285" lookup="yes" expanded="no"&gt;&lt;/currency_code&gt;<br>&lt;description req="no" status="add\edit" dt="string" fp="-1412" lookup="no" expanded="no"&gt;&lt;/description&gt;<br>&lt;end_date req="yes" status="add\edit" dt="date" fp="-407" lookup="no" expanded="no"&gt;&lt;/end_date&gt;<br>&lt;financial_group_id req="no" status="read only" dt="numeric" fp="-15323" lookup="yes" expanded="no"&gt;&lt;/financial_group_id&gt;<br>&lt;financials_locked req="yes" status="add\edit" dt="numeric" fp="-15640" lookup="yes" expanded="no"&gt;&lt;/financials_locked&gt;<br>&lt;funding_acct_id req="no" status="add only" dt="numeric" fp="-1395" lookup="yes" expanded="no"&gt;&lt;/funding_acct_id&gt;<br>&lt;investment_amount req="no" status="read only" dt="numeric" fp="-328" lookup="no" expanded="no"&gt;&lt;/investment_amount&gt;<br>&lt;modified_date req="no" status="read only" dt="date" fp="-1396" lookup="no" expanded="no"&gt;&lt;/modified_date&gt;<br>&lt;modified_user req="no" status="read only" dt="numeric" fp="-1814" lookup="yes" expanded="no"&gt;&lt;/modified_user&gt;<br>&lt;name req="yes" status="add\edit" dt="string" fp="-405" lookup="no" expanded="no"&gt;&lt;/name&gt;<br>&lt;objective req="no" status="add\edit" dt="string" fp="-1314" lookup="no" expanded="no"&gt;&lt;/objective&gt;<br>&lt;origin req="no" status="read only" dt="numeric" fp="-1851" lookup="yes" expanded="no"&gt;&lt;/origin&gt;<br>&lt;owner_id req="yes" status="add\edit" dt="numeric" fp="-402" lookup="yes" expanded="no"&gt;&lt;/owner_id&gt; |

| Object Information | XML Data |
|---|---|
| The funding_mode value codes are:<br><br>• 1 = By Expense Category<br>• 2 = Fixed Amount<br>• 3 = Percentage<br>• 4 = Controlling Account<br><br>The funding_acct_id value is a foreign key reference to the funding_accounts table.<br><br>The funding_acct_id value is a foreign key reference to the funding_accounts table.<br><br>The offering_id value is a foreign key reference to the offerings table.<br><br>The activity_id value is a primary key of the activity_objectives table.<br><br>The objective_id value is a foreign key reference to the objectives table.<br><br>The strategy_id value is a foreign key reference to the objective_strategies table.<br><br>The plan_id value is a foreign key reference to the plans table.<br><br>The campaign_id value is a primary key of the campaign_membership table.<br><br>The campaign_id value is a foreign key reference to the campaigns table.<br><br>The region_id value is a foreign key reference to the regions table.<br><br>The activity_date_id value is a primary key of the activity_dates table.<br><br>The Schedule_type value codes are:<br><br>• 0 = Private<br>• 1 = Public<br><br>The timezone_id value is a foreign key reference to the timezones table.<br><br>The activity_state_id value is a foreign key reference to the activity_type_states table.<br><br>The activity_type_id value is a foreign key | `<scs_id req="yes" status="add\edit" dt="numeric" fp="-334" lookup="yes" expanded="no"></scs_id>`<br><br>`<timezone_id req="yes" status="add\edit" dt="numeric" fp="-2448" lookup="yes" expanded="no"></timezone_id>`<br><br>`<total_actual_cost req="no" status="read only" dt="numeric" fp="-1402" lookup="no" expanded="no"></total_actual_cost>`<br><br>`<total_actual_labor req="no" status="read only" dt="numeric" fp="-1403" lookup="no" expanded="no"></total_actual_labor>`<br><br>`<total_actual_material req="no" status="read only" dt="numeric" fp="-1404" lookup="no" expanded="no"></total_actual_material>`<br><br>`<total_actual_tne req="no" status="read only" dt="numeric" fp="-1405" lookup="no" expanded="no"></total_actual_tne>`<br><br>`<total_commit_fund req="no" status="read only" dt="numeric" fp="-1406" lookup="no" expanded="no"></total_commit_fund>`<br><br>`<total_est_cost req="no" status="read only" dt="numeric" fp="-1398" lookup="no" expanded="no"></total_est_cost>`<br><br>`<total_est_labor req="no" status="read only" dt="numeric" fp="-1399" lookup="no" expanded="no"></total_est_labor>`<br><br>`<total_est_material req="no" status="read only" dt="numeric" fp="-1400" lookup="no" expanded="no"></total_est_material>`<br><br>`<total_est_tne req="no" status="read only" dt="numeric" fp="-1401" lookup="no" expanded="no"></total_est_tne>`<br><br>`<total_outstanding req="no" status="read only" dt="numeric" fp="-2292" lookup="no" expanded="no"></total_outstanding>`<br><br>`<visual_end_date req="yes" status="add\edit" dt="date" fp="-6560" lookup="no" expanded="no"></visual_end_date>`<br><br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br><br>`<ActivityRoles Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <ActivityRole>`<br>`        <activity_role_id req="yes" status="edit only" dt="numeric" fp="-12367" lookup="no" expanded="no"></activity_role_id>`<br>`        <activity_id req="no" status="read only" dt="numeric" fp="-12365" lookup="no" expanded="no"></activity_id>`<br>`        <user_role_id req="yes" status="add\edit" dt="numeric" fp="-12366" lookup="yes" expanded="no"></user_role_id>`<br>`    </ActivityRole>`<br>`</ActivityRoles>`<br><br>`<Audiences Type="collection" Mode="Drop and Replace">`<br>`    <Audience>`<br>`        <activity_id req="no" status="read only" dt="numeric" fp="-3150" lookup="no" expanded="no"></activity_id>`<br>`        <allocation req="no" status="read only" dt="numeric" fp="-3151" lookup="no" expanded="no"></allocation>`<br>`        <audience_id req="yes" status="add\edit" dt="numeric" fp="-1500" lookup="yes" expanded="no"></audience_id>`<br>`    </Audience>`<br>`</Audiences>`<br><br>`<FundingAccounts Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <FundingAccount>` |

| Object Information | XML Data |
|---|---|
| reference to the activity_types table.<br><br>The administrator_id value is a foreign key reference to the user_group table.<br><br>The creator_id value is a foreign key reference to the user_group table.<br><br>The currency_code value is a foreign key reference to the currency_codes table.<br><br>The financial_group_id value is a foreign key reference to the user_group table.<br><br>The funding_acct_id value is a foreign key reference to the funding_accounts table.<br><br>The owner_id value is a foreign key reference to the user_group table.<br><br>The scs_id value is a foreign key reference to the classification_schema table.<br><br>The timezone_id value is a foreign key reference to the timezones table. | `<act_funding_acct_id req="yes" status="edit only" dt="numeric" fp="-15291" lookup="no" expanded="no"></act_funding_acct_id>`<br><br>`<activity_id req="no" status="read only" dt="numeric" fp="-15292" lookup="no" expanded="no"></activity_id>`<br><br>`<amount req="no" status="add\edit" dt="numeric" fp="-15296" lookup="no" expanded="no"></amount>`<br><br>`<funding_acct_id req="yes" status="add\edit" dt="numeric" fp="-15293" lookup="yes" expanded="no"></funding_acct_id>`<br><br>`<funding_acct_id req="no" status="read only" dt="numeric" fp="-16352" lookup="no" expanded="no"></funding_acct_id>`<br><br>`<funding_mode req="no" status="read only" dt="numeric" fp="-15792" lookup="no" expanded="no"></funding_mode>`<br><br>`<funding_mode req="yes" status="add\edit" dt="numeric" fp="-15294" lookup="yes" expanded="no"></funding_mode>`<br><br>`<funding_percentage req="no" status="add\edit" dt="numeric" fp="-15295" lookup="no" expanded="no"></funding_percentage>`<br><br>`<is_current req="no" status="read only" dt="numeric" fp="-15297" lookup="no" expanded="no"></is_current>`<br><br>`<is_locked req="no" status="read only" dt="numeric" fp="-17007" lookup="no" expanded="no"></is_locked>`<br><br>`</FundingAccount>`<br>`</FundingAccounts>`<br>`<Offerings Type="collection" Mode="Drop and Replace">`<br>`<Offering>`<br><br>`<activity_id req="no" status="read only" dt="numeric" fp="-3143" lookup="no" expanded="no"></activity_id>`<br><br>`<allocation req="no" status="read only" dt="numeric" fp="-3144" lookup="no" expanded="no"></allocation>`<br><br>`<offering_id req="yes" status="add\edit" dt="numeric" fp="-1501" lookup="yes" expanded="no"></offering_id>`<br><br>`</Offering>`<br>`</Offerings>`<br>`<OrgObjectives Type="collection" Mode="Drop and Replace">`<br>`<Objective>`<br><br>`<activity_id req="no" status="read only" dt="numeric" fp="-751" lookup="no" expanded="no"></activity_id>`<br><br>`<allocation req="no" status="read only" dt="numeric" fp="-3149" lookup="no" expanded="no"></allocation>`<br><br>`<objective_id req="yes" status="add\edit" dt="numeric" fp="-333" lookup="yes" expanded="no"></objective_id>`<br><br>`</Objective>`<br>`</OrgObjectives>`<br>`<OrgStrategies Type="collection" Mode="Drop and Replace">`<br>`<Strategy>`<br><br>`<activity_id req="no" status="read only" dt="numeric" fp="-3145" lookup="no" expanded="no"></activity_id>`<br><br>`<allocation req="no" status="read only" dt="numeric" fp="-3146" lookup="no" expanded="no"></allocation>` |

| Object Information | XML Data |
|---|---|
| | `<strategy_id req="yes" status="add\edit" dt="numeric" fp="-1498" lookup="yes" expanded="no"></strategy_id>` |
| | `</Strategy>` |
| | `</OrgStrategies>` |
| | `<PlanOverviews Type="collection" Mode="Drop and Replace">` |
| | `<Overview>` |
| | `<activity_id req="no" status="read only" dt="numeric" fp="-3140" lookup="no" expanded="no"></activity_id>` |
| | `<plan_id req="yes" status="add\edit" dt="numeric" fp="-2838" lookup="yes" expanded="no"></plan_id>` |
| | `</Overview>` |
| | `</PlanOverviews>` |
| | `<Programs Type="collection" Mode="Drop and Replace">` |
| | `<Program>` |
| | `<campaign_id req="yes" status="add\edit" dt="numeric" fp="-1813" lookup="yes" expanded="no"></campaign_id>` |
| | `<activity_id req="yes" status="add\edit" dt="numeric" fp="-1472" lookup="yes" expanded="no"></activity_id>` |
| | `</Program>` |
| | `</Programs>` |
| | `<Regions Type="collection" Mode="Drop and Replace">` |
| | `<Region>` |
| | `<activity_id req="no" status="read only" dt="numeric" fp="-3153" lookup="no" expanded="no"></activity_id>` |
| | `<allocation req="no" status="read only" dt="numeric" fp="-3154" lookup="no" expanded="no"></allocation>` |
| | `<region_id req="yes" status="add\edit" dt="numeric" fp="-1499" lookup="yes" expanded="no"></region_id>` |
| | `</Region>` |
| | `</Regions>` |
| | `<Schedules Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">` |
| | `<Schedule>` |
| | `<activity_date_id req="yes" status="edit only" dt="numeric" fp="-1306" lookup="no" expanded="no"></activity_date_id>` |
| | `<activity_id req="no" status="read only" dt="numeric" fp="-1308" lookup="no" expanded="no"></activity_id>` |
| | `<description req="no" status="add\edit" dt="string" fp="-1309" lookup="no" expanded="no"></description>` |
| | `<end_date req="no" status="read only" dt="date" fp="-4101" lookup="no" expanded="no"></end_date>` |
| | `<end_date req="yes" status="add\edit" dt="date" fp="-1307" lookup="no" expanded="no"></end_date>` |
| | `<schedule_type req="yes" status="add\edit" dt="numeric" fp="-1311" lookup="yes" expanded="no"></schedule_type>` |
| | `<start_date req="yes" status="add\edit" dt="date" fp="-1305" lookup="no" expanded="no"></start_date>` |
| | `<start_date req="no" status="read only" dt="date" fp="-4100" lookup="no" expanded="no"></start_date>` |

| Object Information | XML Data |
|---|---|
|  | &lt;timezone_id req="yes" status="add\edit" dt="numeric" fp="-2457" lookup="yes" expanded="no"&gt;&lt;/timezone_id&gt; |
|  | &lt;title req="yes" status="add\edit" dt="string" fp="-1310" lookup="no" expanded="no"&gt;&lt;/title&gt; |
|  | &lt;EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no"&gt; |
|  |   &lt;value lookup="Picklist - Enhanced, Multiple Selection"&gt;zero or more elements&lt;/value&gt; |
|  | &lt;/EXTVALUExxx&gt; |
|  | &lt;/Schedule&gt; |
|  | &lt;/Schedules&gt; |

**Activity Audience Members**

| Object Information | XML Data |
|---|---|
| The activity_aud_mem_id value is a primary key of the activity_aud_members table. | &lt;RecordID id="activity_aud_mem_id" req="yes" status="edit only" dt="numeric" fp="-3443" lookup="no" expanded="no"&gt;&lt;/RecordID&gt; |
| The activity_id value is a foreign key reference to the activities table. | &lt;activity_id req="yes" status="add only" dt="numeric" fp="-2108" lookup="no" expanded="yes"&gt;&lt;/activity_id&gt; |
| The activity_status_id value is a foreign key reference to the activity_aud_mem_status table. | &lt;activity_status_id req="no" status="add\edit" dt="numeric" fp="-2109" lookup="yes" expanded="no"&gt;&lt;/activity_status_id&gt; |
|  | &lt;audience_member_id req="yes" status="add only" dt="numeric" fp="-931" lookup="no" expanded="yes"&gt;&lt;/audience_member_id&gt; |
| The audience_member_id value is a foreign key reference to the audience_members table. | &lt;EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no"&gt; |
|  |   &lt;value lookup="Picklist - Enhanced, Multiple Selection"&gt;zero or more elements&lt;/value&gt; |
|  | &lt;/EXTVALUExxx&gt; |

**Activity Cells**

| Object Information | XML Data |
|---|---|
| The activity_cell_id value is a primary key of the activity_cells table. | &lt;RecordID id="activity_cell_id" req="yes" status="read only" dt="numeric" fp="-14004" lookup="no" expanded="no"&gt;&lt;/RecordID&gt; |
| The act_cell_treatment_id value is a primary key of the activity_cell_treatments table. | &lt;act_offer_id req="no" status="read only" dt="numeric" fp="-14011" lookup="no" expanded="no"&gt;&lt;/act_offer_id&gt; |
|  | &lt;activity_id req="yes" status="read only" dt="numeric" fp="-14007" lookup="no" expanded="no"&gt;&lt;/activity_id&gt; |
| The act_treatment_id value is a foreign key reference to the activity_treatments table. | &lt;actual_quantity req="no" status="edit only" dt="numeric" fp="-14051" lookup="no" expanded="no"&gt;&lt;/actual_quantity&gt; |
|  | &lt;actual_response req="no" status="read only" dt="numeric" fp="-14052" lookup="no" expanded="no"&gt;&lt;/actual_response&gt; |
| The activity_wave_id value is a foreign key reference to the activity_waves table. | &lt;cell_type_id req="no" status="read only" dt="numeric" fp="-14009" lookup="yes" expanded="no"&gt;&lt;/cell_type_id&gt; |
|  | &lt;champion_cell_id req="no" status="read only" dt="numeric" fp="-14010" lookup="yes" expanded="no"&gt;&lt;/champion_cell_id&gt; |
| The channel_id value is a foreign key reference | &lt;code req="no" status="read only" dt="string" fp="-14008" lookup="no" expanded="no"&gt;&lt;/code&gt; |

| Object Information | XML Data |
|---|---|
| to the channels table.<br><br>The act_offer_id value is a foreign key reference to the activity_offers table.<br><br>The activity_id value is a foreign key reference to the activities table.<br><br>The cell_type_id value is a foreign key reference to the cell_types table.<br><br>The champion_cell_id value is a foreign key reference to the activity_cells table.<br><br>The actual_cost value is an inherited value from the view activity_cells_view that only represents the base actual cost of the actual cost.<br><br>The estimated_cost value is an inherited value from the view activity_cells_view that only represents the base estimated cost of the estimated cost. | <currency_code req="yes" status="add\edit" dt="" fp="-1285" lookup="no" expanded="no"></Currency Code><br><br><description req="no" status="read only" dt="string" fp="-14006" lookup="no" expanded="no"></description><br><br><modified_date req="no" status="read only" dt="date" fp="-14014" lookup="no" expanded="no"></modified_date><br><br><modified_user req="no" status="read only" dt="numeric" fp="-14013" lookup="yes" expanded="no"></modified_user><br><br><source_code req="no" status="read only" dt="string" fp="-14012" lookup="no" expanded="no"></source_code><br><br><title req="yes" status="read only" dt="string" fp="-14005" lookup="no" expanded="no"></title><br><br><EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no"><br><br>    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value><br><br></EXTVALUExxx><br><br><ActivityCellTreatments Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4"><br><br>    <ActivityCellTreatment><br><br>    <act_cell_treatment_id req="no" status="edit only" dt="numeric" fp="-14015" lookup="no" expanded="no"></act_cell_treatment_id><br><br>    <act_treatment_id req="no" status="read only" dt="numeric" fp="-14018" lookup="no" expanded="no"></act_treatment_id><br><br>    <activity_cell_id req="no" status="read only" dt="numeric" fp="-14016" lookup="no" expanded="no"></activity_cell_id><br><br>    <activity_wave_id req="no" status="read only" dt="numeric" fp="-14019" lookup="no" expanded="no"></activity_wave_id><br><br>    <cell_percentage req="no" status="read only" dt="numeric" fp="-14020" lookup="no" expanded="no"></cell_percentage><br><br>    <channel_id req="no" status="read only" dt="numeric" fp="-14017" lookup="no" expanded="no"></channel_id><br><br>    <est_response_rate_percent req="no" status="read only" dt="numeric" fp="-14021" lookup="no" expanded="no"></est_response_rate_percent><br><br>    <sequence req="no" status="read only" dt="numeric" fp="-14022" lookup="no" expanded="no"></sequence><br><br>    </ActivityCellTreatment><br><br></ActivityCellTreatments> |

**Attachments**

| Object Information | XML Data |
|---|---|
| The attachment_id value is a primary key of the attachments table.<br><br>The Project Visibility value codes are:<br><br>• 0 = Activity<br>• 1 = Project | <RecordID id="attachment_id" req="yes" status="edit only" dt="numeric" fp="-3248" lookup="no" expanded="no"></RecordID><br><br><attachment_folder_id req="no" status="add\edit" dt="numeric" fp="-4463" lookup="yes" expanded="no"></attachment_folder_id><br><br><attachment_type_id req="no" status="add\edit" dt="numeric" fp="-6144" lookup="yes" expanded="no"></attachment_type_id><br><br><creator_id req="no" status="read only" dt="numeric" fp="-3241" lookup="yes" expanded="no"></creator_id><br><br><description req="no" status="add\edit" dt="string" fp="-3242" lookup="no" expanded="no"></description> |

| Object Information | XML Data |
|---|---|
| The version_id value is a primary key of the attachment_versions table.<br><br>The Version type value codes are:<br>• 1 = Internet Address<br>• 2 = Network File<br>• 3 = Uploaded File<br><br><br>The project_id value is a primary key of the project_attachment_visibility table.<br><br>The project_id value is a foreign key reference to the projects table.<br><br>The attachment_folder_id value is a foreign key reference to the attachment_folders table.<br><br>The attachment_type_id value is a foreign key reference to the attachment_types table. | `<modified_date req="no" status="read only" dt="date" fp="-3243" lookup="no" expanded="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-3244" lookup="yes" expanded="no"></modified_user>`<br>`<name req="yes" status="add\edit" dt="string" fp="-3245" lookup="no" expanded="no"></name>`<br>`<object_id req="no" status="add only" dt="numeric" fp="-3246" lookup="no" expanded="no"></object_id>`<br>`<object_type_id req="no" status="add only" dt="numeric" fp="-3247" lookup="no" expanded="no"></object_type_id>`<br>`<project_visibility req="no" status="add\edit" dt="numeric" fp="-12908" lookup="yes" expanded="no"></project_visibility>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br>    `<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<AttachmentVersions Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>    `<Version>`<br>        `<version_id req="yes" status="edit only" dt="numeric" fp="-4431" lookup="no" expanded="no"></version_id>`<br>        `<attachment_id req="no" status="read only" dt="numeric" fp="-4439" lookup="no" expanded="no"></attachment_id>`<br>        `<created_date req="no" status="read only" dt="date" fp="-4438" lookup="no" expanded="no"></created_date>`<br>        `<creator_id req="no" status="read only" dt="numeric" fp="-4437" lookup="yes" expanded="no"></creator_id>`<br>        `<default_version req="yes" status="add\edit" dt="numeric" fp="-4491" lookup="no" expanded="no"></default_version>`<br>        `<modified_date req="no" status="read only" dt="date" fp="-4435" lookup="no" expanded="no"></modified_date>`<br>        `<modified_user req="no" status="read only" dt="numeric" fp="-4436" lookup="no" expanded="no"></modified_user>`<br>        `<version_comments req="no" status="add\edit" dt="string" fp="-4434" lookup="no" expanded="no"></version_comments>`<br>        `<version_type req="no" status="add\edit" dt="numeric" fp="-4432" lookup="yes" expanded="no"></version_type>`<br>        `<version_type req="no" status="read only" dt="numeric" fp="-11088" lookup="no" expanded="no"></version_type>`<br>        `<version_url req="yes" status="add only" dt="string" fp="-4433" lookup="no" expanded="no"></version_url>`<br>    `</Version>`<br>`</AttachmentVersions>`<br>`<ProjectAttachments Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>    `<ProjectAttachment>`<br>        `<project_id req="yes" status="add\edit" dt="numeric" fp="-12957" lookup="no" expanded="no"></project_id>`<br>        `<attachment_id req="yes" status="add\edit" dt="numeric" fp="-12956" lookup="no" expanded="no"></attachment_id>`<br>    `</ProjectAttachment>`<br>`</ProjectAttachments>` |

**Audience Members**

| Object Information | XML Data |
|---|---|
| The audience_member_id value is a primary key of the audience_members table.<br><br>The Active Flag value codes are:<br>• 1 = Active<br>• 0 = Inactive<br><br>The Bounced Email value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The html_email value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The exclude email value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The usage_restriction value codes are:<br>• 0 = None<br>• 1 = Single Use<br><br>The role_id value is a foreign key reference to the roles table.<br><br>The dist_group_of_record_id value is a primary key of the dist_groups_of_record table.<br><br>The Assignment mode value codes are:<br>• 1 = Draft<br>• 2 = Production<br><br>The company_id value is a foreign key reference to the companies table.<br><br>The product_id value is a foreign key reference | `<RecordID id="audience_member_id" req="yes" status="edit only" dt="numeric" fp="-1" lookup="no" expanded="no"></RecordID>`<br>`<active_flag req="yes" status="add\edit" dt="numeric" fp="-3606" lookup="yes" expanded="no"></active_flag>`<br>`<addr_1 req="no" status="add\edit" dt="string" fp="-18" lookup="no" expanded="no"></addr_1>`<br>`<addr_2 req="no" status="add\edit" dt="string" fp="-19" lookup="no" expanded="no"></addr_2>`<br>`<addr_3 req="no" status="add\edit" dt="string" fp="-20" lookup="no" expanded="no"></addr_3>`<br>`<addr_city req="no" status="add\edit" dt="string" fp="-21" lookup="no" expanded="no"></addr_city>`<br>`<addr_country req="no" status="add\edit" dt="string" fp="-23" lookup="no" expanded="no"></addr_country>`<br>`<addr_state req="no" status="add\edit" dt="string" fp="-22" lookup="no" expanded="no"></addr_state>`<br>`<addr_zip req="no" status="add\edit" dt="string" fp="-24" lookup="no" expanded="no"></addr_zip>`<br>`<bounced_email req="yes" status="add\edit" dt="numeric" fp="-2136" lookup="yes" expanded="no"></bounced_email>`<br>`<company_id req="no" status="add\edit" dt="numeric" fp="-35" lookup="yes" expanded="yes"></company_id>`<br>`<email req="no" status="add\edit" dt="string" fp="-15" lookup="no" expanded="no"></email>`<br>`<email_alt req="no" status="add\edit" dt="string" fp="-16" lookup="no" expanded="no"></email_alt>`<br>`<first_name req="no" status="add\edit" dt="string" fp="-4" lookup="no" expanded="no"></first_name>`<br>`<household_id req="no" status="add\edit" dt="numeric" fp="-40" lookup="yes" expanded="yes"></household_id>`<br>`<html_email req="yes" status="add\edit" dt="numeric" fp="-36" lookup="yes" expanded="no"></html_email>`<br>`<interaction_status req="no" status="add\edit" dt="numeric" fp="-29" lookup="yes" expanded="no"></interaction_status>`<br>`<last_name req="yes" status="add\edit" dt="string" fp="-6" lookup="no" expanded="no"></last_name>`<br>`<member_type_id req="no" status="add\edit" dt="numeric" fp="-2" lookup="yes" expanded="no"></member_type_id>`<br>`<MergeIDs req="no" status="edit only" dt="string" fp="-17800" lookup="no" expanded="no"></MergeIDs>`<br>`<middle_name req="no" status="add\edit" dt="string" fp="-5" lookup="no" expanded="no"></middle_name>`<br>`<modified_date req="no" status="read only" dt="date" fp="-31" lookup="no" expanded="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-30" lookup="yes" expanded="no"></modified_user>`<br>`<notification_type_id req="yes" status="add\edit" dt="numeric" fp="-25" lookup="yes" expanded="no"></notification_type_id>`<br>`<phone_alt req="no" status="add\edit" dt="string" fp="-13" lookup="no" expanded="no"></phone_alt>`<br>`<phone_day req="no" status="add\edit" dt="string" fp="-12" lookup="no" expanded="no"></phone_day>`<br>`<phone_fax req="no" status="add\edit" dt="string" fp="-14" lookup="no" expanded="no"></phone_fax>`<br>`<prefix req="no" status="add\edit" dt="string" fp="-3" lookup="no" expanded="no"></prefix>`<br>`<score req="no" status="add\edit" dt="numeric" fp="-11" lookup="no" expanded="no"></score>`<br>`<suffix req="no" status="add\edit" dt="string" fp="-7" lookup="no" expanded="no"></suffix>` |

| Object Information | XML Data |
|---|---|
| to the product_repository table.<br><br>The rep_id value is a foreign key reference to the participants table.<br><br>The terr_dist_group_id value is a foreign key reference to the terr_distribution_groups table.<br><br>The scs_id value is a primary key of the audience_member_domains table.<br><br>The scs_id value is a foreign key reference to the classification_schema table.<br><br>The role_id value is a foreign key reference to the roles table.<br><br>The company_id value is a foreign key reference to the companies table.<br><br>The household_id value is a foreign key reference to the households table.<br><br>The member_type_id value is a foreign key reference to the audience_member_types table.<br><br>The notification_type_id value is a foreign key reference to the notification_types table. | `<title req="no" status="add\edit" dt="string" fp="-8" lookup="no" expanded="no"></title>`<br>`<usage_restriction req="yes" status="add\edit" dt="numeric" fp="-3607" lookup="yes" expanded="no"></usage_restriction>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br>   `<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<CompanyRoles Type="collection" Mode="Drop and Replace">`<br>   `<Role>`<br>      `<audience_member_id req="no" status="read only" dt="numeric" fp="-3171" lookup="no" expanded="no"></audience_member_id>`<br>      `<role_id req="yes" status="add\edit" dt="numeric" fp="-27" lookup="yes" expanded="no"></role_id>`<br>   `</Role>`<br>`</CompanyRoles>`<br>`<DistributionGroups Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>   `<DistributionGroup>`<br>      `<dist_group_of_record_id req="yes" status="edit only" dt="numeric" fp="-3710" lookup="no" expanded="no"></dist_group_of_record_id>`<br>      `<assignment_mode req="no" status="read only" dt="numeric" fp="-5025" lookup="yes" expanded="no"></assignment_mode>`<br>      `<audience_member_id req="no" status="read only" dt="numeric" fp="-3711" lookup="no" expanded="no"></audience_member_id>`<br>      `<company_id req="no" status="read only" dt="numeric" fp="-4732" lookup="no" expanded="no"></company_id>`<br>      `<modified_date req="no" status="read only" dt="date" fp="-3717" lookup="no" expanded="no"></modified_date>`<br>      `<modified_user req="no" status="read only" dt="numeric" fp="-3716" lookup="yes" expanded="no"></modified_user>`<br>      `<product_id req="no" status="add\edit" dt="numeric" fp="-3712" lookup="yes" expanded="no"></product_id>`<br>      `<rep_id req="no" status="add\edit" dt="numeric" fp="-3715" lookup="yes" expanded="no"></rep_id>`<br>      `<terr_dist_group_id req="yes" status="add\edit" dt="numeric" fp="-3714" lookup="yes" expanded="no"></terr_dist_group_id>`<br>   `</DistributionGroup>`<br>`</DistributionGroups>`<br>`<Domains Type="collection" Mode="Drop and Replace">`<br>   `<Domain>`<br>      `<scs_id req="yes" status="add\edit" dt="numeric" fp="-3289" lookup="yes" expanded="no"></scs_id>`<br>      `<audience_member_id req="no" status="read only" dt="numeric" fp="-3288" lookup="no" expanded="no"></audience_member_id>`<br>   `</Domain>`<br>`</Domains>`<br>`<HouseholdRoles Type="collection" Mode="Drop and Replace">` |

| Object Information | XML Data |
|---|---|
|  | <Role> |
|  |    <audience_member_id req="no" status="read only" dt="numeric" fp="-3172" lookup="no" expanded="no"></audience_member_id> |
|  |    <role_id req="yes" status="add\edit" dt="numeric" fp="-26" lookup="yes" expanded="no"></role_id> |
|  |   </Role> |
|  | </HouseholdRoles> |

**Brands**

| Object Information | XML Data |
|---|---|
| The brand_id value is a primary key of the brands table.<br>The Brand Status value codes are:<br><ul><li>1 = Active</li><li>0 = Inactive</li></ul><br>The brand_type_id value is a foreign key reference to the brand_types table.<br>The client_id value is a foreign key reference to the clients table. | <RecordID id="brand_id" req="no" status="edit only" dt="numeric" fp="-13929" lookup="no" expanded="no"></RecordID><br><brand_number req="no" status="add\edit" dt="string" fp="-14029" lookup="no" expanded="no"></brand_number><br><brand_type_id req="yes" status="add\edit" dt="numeric" fp="-13933" lookup="yes" expanded="no"></brand_type_id><br><client_id req="yes" status="add only" dt="numeric" fp="-13930" lookup="no" expanded="no"></client_id><br><description req="no" status="add\edit" dt="string" fp="-13932" lookup="no" expanded="no"></description><br><modified_date req="no" status="read only" dt="date" fp="-13935" lookup="no" expanded="no"></modified_date><br><modified_user req="no" status="read only" dt="numeric" fp="-13934" lookup="yes" expanded="no"></modified_user><br><status req="yes" status="add\edit" dt="numeric" fp="-14030" lookup="yes" expanded="no"></status><br><title req="yes" status="add\edit" dt="string" fp="-13931" lookup="no" expanded="no"></title><br><EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no"><br>   <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value><br></EXTVALUExxx> |

**Calendar Items**

| Object Information | XML Data |
|---|---|
| The calendar_item_id value is a primary key of the calendar_items table.<br>The calendar_item_id value is a primary key of the calendar_item_domains table.<br>The scs_id value is a foreign key reference to the classification_schema table.<br>The calendar_item_type_id value is a foreign key | <RecordID id="calendar_item_id" req="yes" status="edit only" dt="numeric" fp="-1030" lookup="no" expanded="no"></RecordID><br><begin_date req="yes" status="add\edit" dt="date" fp="-1035" lookup="no" expanded="no"></begin_date><br><calendar_item_type_id req="yes" status="add\edit" dt="numeric" fp="-1033" lookup="yes" expanded="no"></calendar_item_type_id><br><description req="no" status="add\edit" dt="string" fp="-1034" lookup="no" expanded="no"></description><br><end_date req="yes" status="add\edit" dt="date" fp="-1036" lookup="no" expanded="no"></end_date> |

| Object Information | XML Data |
|---|---|
| reference to the calendar_item_types table. | `<name req="yes" status="add\edit" dt="string" fp="-1031" lookup="no" expanded="no"></name>` |
| | `<recurrence_pattern_type req="no" status="add\edit" dt="" fp="-5810" lookup="no" expanded="no"></recurrence_pattern_type>` |
| | `<recurrence_pattern_value req="no" status="add\edit" dt="" fp="-5811" lookup="no" expanded="no"></recurrence_pattern_value>` |
| | `<Domains Type="collection" Mode="Drop and Replace">` |
| | `    <Domain>` |
| | `        <calendar_item_id req="no" status="read only" dt="numeric" fp="-4132" lookup="no" expanded="no"></calendar_item_id>` |
| | `        <scs_id req="yes" status="add\edit" dt="numeric" fp="-4133" lookup="yes" expanded="no"></scs_id>` |
| | `    </Domain>` |
| | `</Domains>` |

**Clients**

| Object Information | XML Data |
|---|---|
| The client_id value is a primary key of the clients table. The Status value codes are: <br><br>• 1 = Active <br>• 0 = Inactive <br><br> The client_type_id value is a foreign key reference to the client_types table. | `<RecordID id="client_id" req="yes" status="edit only" dt="numeric" fp="-13851" lookup="no" expanded="no"></RecordID>` |
| | `<addr_1 req="no" status="add\edit" dt="string" fp="-13854" lookup="no" expanded="no"></addr_1>` |
| | `<addr_2 req="no" status="add\edit" dt="string" fp="-13855" lookup="no" expanded="no"></addr_2>` |
| | `<addr_3 req="no" status="add\edit" dt="string" fp="-13856" lookup="no" expanded="no"></addr_3>` |
| | `<city req="no" status="add\edit" dt="string" fp="-13857" lookup="no" expanded="no"></city>` |
| | `<client_type_id req="no" status="add\edit" dt="numeric" fp="-13852" lookup="yes" expanded="no"></client_type_id>` |
| | `<country req="no" status="add\edit" dt="string" fp="-13860" lookup="no" expanded="no"></country>` |
| | `<description req="no" status="add\edit" dt="string" fp="-13867" lookup="no" expanded="no"></description>` |
| | `<email req="no" status="add\edit" dt="string" fp="-13864" lookup="no" expanded="no"></email>` |
| | `<fax req="no" status="add\edit" dt="string" fp="-13862" lookup="no" expanded="no"></fax>` |
| | `<modified_date req="no" status="read only" dt="date" fp="-13865" lookup="no" expanded="no"></modified_date>` |
| | `<modified_user req="no" status="read only" dt="numeric" fp="-13866" lookup="yes" expanded="no"></modified_user>` |
| | `<name req="yes" status="add\edit" dt="string" fp="-13853" lookup="no" expanded="no"></name>` |
| | `<phone req="no" status="add\edit" dt="string" fp="-13861" lookup="no" expanded="no"></phone>` |
| | `<state req="no" status="add\edit" dt="string" fp="-13858" lookup="no" expanded="no"></state>` |
| | `<status req="no" status="add\edit" dt="numeric" fp="-14422" lookup="yes" expanded="no"></status>` |
| | `<url req="no" status="add\edit" dt="string" fp="-13863" lookup="no" expanded="no"></url>` |

| Object Information | XML Data |
|---|---|
| | `<zipcode req="no" status="add\edit" dt="string" fp="-13859" lookup="no" expanded="no"></zipcode>` |
| | `<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">` |
| | `<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>` |
| | `</EXTVALUExxx>` |

**Commitments**

| Object Information | XML Data |
|---|---|
| The committed_fund_id value is a primary key of the committed_fund table.<br><br>The Commitment Status value codes are:<br><br>• 1 = Draft<br>• 2 = Pending Authorization Tree Approval<br>• 3 = Pending Pooled Approval<br>• 4 = Pending Funding Account Owner Approval<br>• 5 = Approved<br>• 6 = Pending Authorization Tree Reapproval<br>• 7 = Pending Pooled Reapproval<br>• 8 = Pending Funding Account Owner Reapproval<br>• 9 = Rejected Authorization Tree Approval<br>• 10 = Rejected Pooled Approval<br>• 11 = Rejected Funding Account Owner Approval<br>• 12 = Closed<br>• 13 = Canceled<br><br>The committed_fund_item_id value is a primary key of the committed_fund_items table.<br><br>The Closed Item value codes are:<br><br>• 1 = Yes<br>• 0 = No | `<RecordID id="committed_fund_id" req="yes" status="edit only" dt="numeric" fp="-2146" lookup="no" expanded="no"></RecordID>`<br>`<com_fund_status req="yes" status="add\edit" dt="numeric" fp="-15737" lookup="yes" expanded="no"></com_fund_status>`<br>`<com_fund_type_id req="no" status="add\edit" dt="numeric" fp="-6191" lookup="yes" expanded="no"></com_fund_type_id>`<br>`<created_date req="no" status="read only" dt="date" fp="-2271" lookup="no" expanded="no"></created_date>`<br>`<creator_id req="no" status="read only" dt="numeric" fp="-2270" lookup="yes" expanded="no"></creator_id>`<br>`<currency_code req="yes" status="add\edit" dt="numeric" fp="-2156" lookup="yes" expanded="no"></currency_code>`<br>`<description req="no" status="add\edit" dt="string" fp="-2155" lookup="no" expanded="no"></description>`<br>`<modified_date req="no" status="read only" dt="date" fp="-2159" lookup="no" expanded="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-2158" lookup="yes" expanded="no"></modified_user>`<br>`<Outstanding req="no" status="read only" dt="string" fp="-15744" lookup="no" expanded="no"></Outstanding>`<br>`<owner_id req="yes" status="add\edit" dt="numeric" fp="-2157" lookup="yes" expanded="no"></owner_id>`<br>`<po_number req="no" status="add\edit" dt="string" fp="-2151" lookup="no" expanded="no"></po_number>`<br>`<reviewed_by req="no" status="add\edit" dt="numeric" fp="-6224" lookup="yes" expanded="no"></reviewed_by>`<br>`<reviewed_date req="no" status="add\edit" dt="date" fp="-6222" lookup="no" expanded="no"></reviewed_date>`<br>`<supplier_id req="yes" status="add\edit" dt="numeric" fp="-3933" lookup="yes" expanded="yes"></supplier_id>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br>`<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<CommittedFundItems Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`<CommittedFundItem>`<br>`<committed_fund_item_id req="yes" status="edit only" dt="numeric" fp="-2816" lookup="no" expanded="no"></committed_fund_item_id>`<br>`<activity_id req="yes" status="add\edit" dt="numeric" fp="-2819" lookup="yes" expanded="no"></activity_id>` |

| Object Information | XML Data |
|---|---|
| The activity_id value is a foreign key reference to the activities table.<br><br>The exchange_rate_id value is a foreign key reference to the currency_exchange_rates table.<br><br>The exp_cat_id value is a foreign key reference to the exp_categories table.<br><br>The fiscal_period_id value is a foreign key reference to the fiscal_periods table.<br><br>The fiscal_period_id value is a foreign key reference to the fiscal_periods table.<br><br>The fiscal_year_id value is a foreign key reference to the fiscal_years table.<br><br>The com_fund_type_id value is a foreign key reference to the committed_fund_types table.<br><br>The creator_id value is a foreign key reference to the user_group table.<br><br>The currency_code value is a foreign key reference to the currency_codes table.<br><br>The modified_user value is a foreign key reference to the user_group table.<br><br>The owner_id value is a foreign key reference to the user_group table.<br><br>The reviewed_by value is a foreign key reference to the user_group table.<br><br>The supplier_id value is a foreign key reference to the suppliers table. | `<closed req="no" status="read only" dt="numeric" fp="-16208" lookup="no" expanded="no"></closed>`<br>`<closed req="no" status="add\edit" dt="numeric" fp="-15782" lookup="yes" expanded="no"></closed>`<br>`<committed_fund_id req="no" status="read only" dt="numeric" fp="-2817" lookup="no" expanded="no"></committed_fund_id>`<br>`<description req="yes" status="add\edit" dt="string" fp="-2818" lookup="no" expanded="no"></description>`<br>`<exchange_rate_id req="no" status="read only" dt="numeric" fp="-15781" lookup="no" expanded="no"></exchange_rate_id>`<br>`<exp_cat_id req="no" status="add\edit" dt="numeric" fp="-15780" lookup="yes" expanded="no"></exp_cat_id>`<br>`<fiscal_period_id req="yes" status="add\edit" dt="numeric" fp="-15784" lookup="yes" expanded="no"></fiscal_period_id>`<br>`<fiscal_period_id req="no" status="read only" dt="numeric" fp="-17349" lookup="yes" expanded="no"></fiscal_period_id>`<br>`<fiscal_year_id req="yes" status="add\edit" dt="numeric" fp="-15783" lookup="yes" expanded="no"></fiscal_year_id>`<br>`<price req="yes" status="add\edit" dt="numeric" fp="-15786" lookup="no" expanded="no"></price>`<br>`<quantity req="yes" status="add\edit" dt="numeric" fp="-15785" lookup="no" expanded="no"></quantity>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`  </CommittedFundItem>`<br>`</CommittedFundItems>` |

## Companies

| Object Information | XML Data |
|---|---|
| The company_id value is a primary key of the companies table.<br><br>The dist_group_of_record_id value is a primary key of the dist_groups_of_record table. | `<RecordID id="company_id" req="yes" status="edit only" dt="numeric" fp="-207" lookup="no" expanded="no"></RecordID>`<br>`<addr_1 req="no" status="add\edit" dt="string" fp="-1433" lookup="no" expanded="no"></addr_1>`<br>`<addr_2 req="no" status="add\edit" dt="string" fp="-1434" lookup="no" expanded="no"></addr_2>` |

| Object Information | XML Data |
|---|---|
| The Assignment mode value codes are:<br><br>• 1 = Draft<br>• 2 = Production<br><br>The audience_member_id value is a foreign key reference to the audience_members table.<br><br>The product_id value is a foreign key reference to the product_repository table.<br><br>The rep_id value is a foreign key reference to the participants table.<br><br>The terr_dist_group_id value is a foreign key reference to the terr_distribution_groups table.<br><br>The company_id value is a primary key of the company_domains table.<br><br>The scs_id value is a foreign key reference to the classification_schema table.<br><br>The company_type_id value is a foreign key reference to the company_types table.<br><br>The MergeIDs value is a comma delimited list of IDs that will be merged into the Company identified by RecordID. | `<addr_3 req="no" status="add\edit" dt="string" fp="-1435" lookup="no" expanded="no"></addr_3>`<br>`<city req="no" status="add\edit" dt="string" fp="-200" lookup="no" expanded="no"></city>`<br>`<company_type_id req="no" status="add\edit" dt="numeric" fp="-1379" lookup="yes" expanded="no"></company_type_id>`<br>`<country req="no" status="add\edit" dt="string" fp="-204" lookup="no" expanded="no"></country>`<br>`<description req="no" status="add\edit" dt="string" fp="-1602" lookup="no" expanded="no"></description>`<br>`<email req="no" status="add\edit" dt="string" fp="-373" lookup="no" expanded="no"></email>`<br>`<fax req="no" status="add\edit" dt="string" fp="-371" lookup="no" expanded="no"></fax>`<br>`<MergeIDs req="no" status="edit only" dt="string" fp="-17801" lookup="no" expanded="no"></MergeIDs>`<br>`<modified_date req="no" status="read only" dt="date" fp="-3169" lookup="no" expanded="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-3170" lookup="yes" expanded="no"></modified_user>`<br>`<name req="yes" status="add\edit" dt="string" fp="-206" lookup="no" expanded="no"></name>`<br>`<parent_id req="no" status="add\edit" dt="numeric" fp="-203" lookup="yes" expanded="no"></parent_id>`<br>`<phone req="no" status="add\edit" dt="string" fp="-370" lookup="no" expanded="no"></phone>`<br>`<state req="no" status="add\edit" dt="string" fp="-201" lookup="no" expanded="no"></state>`<br>`<url req="no" status="add\edit" dt="string" fp="-372" lookup="no" expanded="no"></url>`<br>`<zipcode req="no" status="add\edit" dt="string" fp="-202" lookup="no" expanded="no"></zipcode>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<DistributionGroups Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <DistributionGroup>`<br>`        <dist_group_of_record_id req="yes" status="edit only" dt="numeric" fp="-3710" lookup="no" expanded="no"></dist_group_of_record_id>`<br>`        <assignment_mode req="no" status="read only" dt="numeric" fp="-5025" lookup="yes" expanded="no"></assignment_mode>`<br>`        <audience_member_id req="no" status="read only" dt="numeric" fp="-3711" lookup="no" expanded="no"></audience_member_id>`<br>`        <company_id req="no" status="read only" dt="numeric" fp="-4732" lookup="no" expanded="no"></company_id>`<br>`        <modified_date req="no" status="read only" dt="date" fp="-3717" lookup="no" expanded="no"></modified_date>`<br>`        <modified_user req="no" status="read only" dt="numeric" fp="-3716" lookup="yes" expanded="no"></modified_user>`<br>`        <product_id req="no" status="add\edit" dt="numeric" fp="-3712" lookup="yes" expanded="no"></product_id>`<br>`        <rep_id req="no" status="add\edit" dt="numeric" fp="-3715" lookup="yes" expanded="no"></rep_id>`<br>`        <terr_dist_group_id req="yes" status="add\edit" dt="numeric" fp="-3714" lookup="yes" expanded="no"></terr_dist_group_id>`<br>`    </DistributionGroup>` |

| Object Information | XML Data |
|---|---|
|  | </DistributionGroups><br><Domains Type="collection" Mode="Drop and Replace"><br>    <Domain><br>        <company_id req="no" status="read only" dt="numeric" fp="-3568" lookup="no" expanded="no"></company_id><br>        <scs_id req="yes" status="add\edit" dt="numeric" fp="-3569" lookup="yes" expanded="no"></scs_id><br>    </Domain><br></Domains> |

**Currency Codes**

| Object Information | XML Data |
|---|---|
| The currency_code value is a primary key of the currency_codes table.<br>The Status value codes are:<br><br>• 1 = Active<br>• 0 = Inactive<br><br>The encoded_title_id value is a foreign key reference to the encoded_titles table. | <RecordID id="currency_code" req="yes" status="edit only" dt="numeric" fp="-392" lookup="no" expanded="no"></RecordID><br><abbreviation req="yes" status="add\edit" dt="string" fp="-15115" lookup="no" expanded="no"></abbreviation><br><currency_symbol req="yes" status="add\edit" dt="string" fp="-3753" lookup="no" expanded="no"></currency_symbol><br><decimals_displayed req="yes" status="add\edit" dt="numeric" fp="-3754" lookup="no" expanded="no"></decimals_displayed><br><description req="no" status="read only" dt="string" fp="-15116" lookup="no" expanded="no"></description><br><encoded_title_id req="no" status="read only" dt="numeric" fp="-15117" lookup="no" expanded="no"></encoded_title_id><br><euro_currency req="no" status="read only" dt="numeric" fp="-3755" lookup="no" expanded="no"></euro_currency><br><euro_exchange_rate req="no" status="read only" dt="numeric" fp="-2297" lookup="no" expanded="no"></euro_exchange_rate><br><latest_exchange_rate req="no" status="read only" dt="string" fp="-16194" lookup="no" expanded="no"></latest_exchange_rate><br><latest_exchange_rate_date req="no" status="read only" dt="string" fp="-15422" lookup="no" expanded="no"></latest_exchange_rate_date><br><is_visible req="yes" status="add\edit" dt="numeric" fp="-398" lookup="yes" expanded="no"></is_visible><br><modified_date req="no" status="read only" dt="date" fp="-16074" lookup="no" expanded="no"></modified_date><br><modified_user req="no" status="read only" dt="numeric" fp="-16073" lookup="yes" expanded="no"></modified_user><br><predated_rate_gw req="no" status="add\edit" dt="string" fp="-17406" lookup="no" expanded="no"></predated_rate_gw><br><symbol_location req="yes" status="add\edit" dt="string" fp="-15118" lookup="no" expanded="no"></symbol_location> |

**Currency Exchange Rates**

| Object Information | XML Data |
|---|---|
| The exchange_rate_id value is a primary key of the currency_exchange_rates table.<br><br>The currency_code value is a foreign key reference to the currency_codes table. | <RecordID id="exchange_rate_id" req="no" status="read only" dt="numeric" fp="-15204" lookup="no" expanded="no"></RecordID><br><br><currency_code req="yes" status="add only" dt="numeric" fp="-15205" lookup="yes" expanded="no"></currency_code><br><br><effective_date req="yes" status="add\edit" dt="date" fp="-15206" lookup="no" expanded="no"></effective_date><br><br><exchange_rate req="yes" status="add\edit" dt="numeric" fp="-15208" lookup="no" expanded="no"></exchange_rate> |

**Digital Assets**

| Object Information | XML Data |
|---|---|
| The asset_id value is a primary key of the assets table.<br><br>The asset_status value codes are:<br>• 0 = Inactive<br>• 1 = Active<br>• 2 = Expired<br><br>The Use Restriction Status value codes are:<br>• 1 = Available<br>• 0 = Unavailable<br><br>The template_status value codes are:<br>• 1 = Active<br>• 0 = Inactive<br><br>The template_type value codes are:<br>• 0 = < None ><br>• 1 = Collateral Customizer<br>• 2 = Ad Builder<br><br>The visible_in_portal value codes are:<br>• 1 = Yes<br>• 0 = No | <RecordID id="asset_id" req="yes" status="edit only" dt="numeric" fp="-789" lookup="no" expanded="no"></RecordID><br><asset_status req="yes" status="add\edit" dt="numeric" fp="-792" lookup="yes" expanded="no"></asset_status><br><checked_out_by req="no" status="read only" dt="numeric" fp="-15470" lookup="yes" expanded="no"></checked_out_by><br><checked_out_date req="no" status="read only" dt="date" fp="-15471" lookup="no" expanded="no"></checked_out_date><br><created_date req="no" status="read only" dt="date" fp="-10003" lookup="no" expanded="no"></created_date><br><description req="no" status="add\edit" dt="string" fp="-1895" lookup="no" expanded="no"></description><br><expiration_date req="no" status="add\edit" dt="date" fp="-14026" lookup="no" expanded="no"></expiration_date><br><keywords req="no" status="add\edit" dt="string" fp="-1896" lookup="no" expanded="no"></keywords><br><locked_by req="no" status="read only" dt="numeric" fp="-15468" lookup="yes" expanded="no"></locked_by><br><locked_date req="no" status="read only" dt="date" fp="-15469" lookup="no" expanded="no"></locked_date><br><modified_date req="no" status="read only" dt="date" fp="-1901" lookup="no" expanded="no"></modified_date><br><modified_user req="no" status="read only" dt="numeric" fp="-1898" lookup="yes" expanded="no"></modified_user><br><notify_download_days req="no" status="add\edit" dt="numeric" fp="-14027" lookup="no" expanded="no"></notify_download_days><br><notify_pod_days req="no" status="add\edit" dt="numeric" fp="-14028" lookup="no" expanded="no"></notify_pod_days><br><owner_id req="yes" status="add\edit" dt="numeric" fp="-14025" lookup="yes" expanded="no"></owner_id><br><portal_expiration_date req="no" status="add\edit" dt="date" fp="-10004" lookup="no" expanded="no"></portal_expiration_date><br><restriction_status req="yes" status="add\edit" dt="numeric" fp="-1899" lookup="yes" expanded="no"></restriction_status><br><restrictions req="no" status="add\edit" dt="string" fp="-1900" lookup="no" expanded="no"></restrictions><br><template_status req="no" status="read only" dt="numeric" fp="-10062" lookup="yes" expanded="no"></template_status><br><template_type req="no" status="read only" dt="numeric" fp="-10061" lookup="yes" expanded="no"></template_type> |

| Object Information | XML Data |
|---|---|
| The scs_id value is a foreign key reference to the classification_schema table.<br><br>The asset_expire_lookup_id value is a primary key of the asset_expire_notif table.<br><br>The asset_id value is a primary key of the asset_expire_notif table.<br><br>The asset_expire_lookup_id value is a foreign key reference to the asset_expire_notif_lookup table.<br><br>The category_id value is a foreign key reference to the asset_categorys table.<br><br>The category_id value is a foreign key reference to the asset_categorys table.<br><br>The package_id value is a foreign key reference to the asset_packages table.<br><br>The version_id value is a primary key of the asset_versions table.<br><br>The Version Default value codes are:<br><br>&bull; 1 = Yes<br>&bull; 0 = No<br><br><br>The owner_id value is a foreign key reference to the user_group table.<br><br>The type value is a foreign key reference to the asset_types table. | `<title req="yes" status="add\edit" dt="string" fp="-790" lookup="no" expanded="no"></title>`<br>`<type req="yes" status="add\edit" dt="numeric" fp="-791" lookup="yes" expanded="no"></type>`<br>`<visible_in_portal req="yes" status="add\edit" dt="numeric" fp="-10164" lookup="yes" expanded="no"></visible_in_portal>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br>   `<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<Domains Type="collection" Mode="Drop and Replace">`<br>   `<Domain>`<br>     `<asset_id req="no" status="read only" dt="numeric" fp="-4281" lookup="no" expanded="no"></asset_id>`<br>     `<scs_id req="yes" status="add\edit" dt="numeric" fp="-4282" lookup="yes" expanded="no"></scs_id>`<br>   `</Domain>`<br>`</Domains>`<br>`<ExpirationNoticeRecipients Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>   `<ExpirationNoticeRecipient>`<br>     `<asset_expire_lookup_id req="yes" status="add only" dt="numeric" fp="-14064" lookup="no" expanded="no"></asset_expire_lookup_id>`<br>     `<asset_id req="no" status="read only" dt="numeric" fp="-14890" lookup="no" expanded="no"></asset_id>`<br>   `</ExpirationNoticeRecipient>`<br>`</ExpirationNoticeRecipients>`<br>`<Folders Type="collection" Mode="Drop and Replace">`<br>   `<Folder>`<br>     `<asset_id req="no" status="read only" dt="numeric" fp="-4280" lookup="yes" expanded="no"></asset_id>`<br>     `<category_id req="yes" status="add\edit" dt="numeric" fp="-4279" lookup="yes" expanded="no"></category_id>`<br>     `<category_id req="no" status="read only" dt="numeric" fp="-10047" lookup="yes" expanded="no"></category_id>`<br>   `</Folder>`<br>`</Folders>`<br>`<Packages Type="collection" Mode="Drop and Replace">`<br>   `<Package>`<br>     `<asset_id req="no" status="read only" dt="numeric" fp="-4283" lookup="no" expanded="no"></asset_id>`<br>     `<package_id req="yes" status="add\edit" dt="numeric" fp="-4284" lookup="yes" expanded="no"></package_id>`<br>   `</Package>`<br>`</Packages>` |

| Object Information | XML Data |
|---|---|
| | &lt;Versions Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4"&gt;<br>   &lt;Version&gt;<br>      &lt;version_id req="yes" status="edit only" dt="numeric" fp="-1912" lookup="no" expanded="no"&gt;&lt;/version_id&gt;<br>      &lt;asset_id req="no" status="read only" dt="numeric" fp="-1922" lookup="no" expanded="no"&gt;&lt;/asset_id&gt;<br>      &lt;created_date req="no" status="read only" dt="date" fp="-16573" lookup="no" expanded="no"&gt;&lt;/created_date&gt;<br>      &lt;default_version req="yes" status="add\edit" dt="numeric" fp="-2657" lookup="yes" expanded="no"&gt;&lt;/default_version&gt;<br>      &lt;description req="no" status="add\edit" dt="string" fp="-1914" lookup="no" expanded="no"&gt;&lt;/description&gt;<br>      &lt;modified_date req="no" status="read only" dt="date" fp="-1921" lookup="no" expanded="no"&gt;&lt;/modified_date&gt;<br>      &lt;modified_user req="no" status="read only" dt="numeric" fp="-1920" lookup="yes" expanded="no"&gt;&lt;/modified_user&gt;<br>      &lt;version_date req="yes" status="add\edit" dt="date" fp="-1916" lookup="no" expanded="no"&gt;&lt;/version_date&gt;<br>      &lt;version_number req="yes" status="add\edit" dt="string" fp="-1915" lookup="no" expanded="no"&gt;&lt;/version_number&gt;<br>   &lt;/Version&gt;<br>&lt;/Versions&gt; |

## Distribution Groups

| Object Information | XML Data |
|---|---|
| The terr_dist_group_id value is a primary key of the terr_distribution_groups table.<br><br>The Group Status value codes are:<br>  • 1 = Active<br>  • 0 = Inactive<br><br>The Distribution Method value codes are:<br>  • 1 = Even<br>  • 2 = Weighted<br><br>The assignment_id value is a foreign key reference to the participants table.<br><br>The assignment_id value is a foreign key reference to the participants table.<br><br>The assignment_id value is a foreign key reference to the participants table. | &lt;RecordID id="terr_dist_group_id" req="yes" status="edit only" dt="numeric" fp="-1804" lookup="no" expanded="no"&gt;&lt;/RecordID&gt;<br>&lt;active_flag req="yes" status="add\edit" dt="numeric" fp="-2255" lookup="yes" expanded="no"&gt;&lt;/active_flag&gt;<br>&lt;country req="no" status="add\edit" dt="string" fp="-2259" lookup="yes" expanded="no"&gt;&lt;/country&gt;<br>&lt;distribution_method req="yes" status="add\edit" dt="numeric" fp="-1807" lookup="yes" expanded="no"&gt;&lt;/distribution_method&gt;<br>&lt;factor req="no" status="add\edit" dt="numeric" fp="-2261" lookup="no" expanded="no"&gt;&lt;/factor&gt;<br>&lt;modified_date req="no" status="read only" dt="date" fp="-3187" lookup="no" expanded="no"&gt;&lt;/modified_date&gt;<br>&lt;modified_user req="no" status="read only" dt="numeric" fp="-3188" lookup="yes" expanded="no"&gt;&lt;/modified_user&gt;<br>&lt;postal_code req="no" status="add\edit" dt="string" fp="-2260" lookup="no" expanded="no"&gt;&lt;/postal_code&gt;<br>&lt;title req="yes" status="add\edit" dt="string" fp="-1805" lookup="no" expanded="no"&gt;&lt;/title&gt;<br>&lt;proximity_support req="no" status="add\edit" dt="" fp="-2258" lookup="no" expanded="no"&gt;&lt;/proximity_support&gt;<br>&lt;EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no"&gt;<br>  &lt;value lookup="Picklist - Enhanced, Multiple Selection"&gt;zero or more elements&lt;/value&gt;<br>&lt;/EXTVALUExxx&gt;<br>&lt;DistributionGroupMembers Type="collection" Mode="Drop and Replace"&gt; |

| Object Information | XML Data |
|---|---|
| The scs_id value is a foreign key reference to the classification_schema table.<br><br>The assignment_id value is a foreign key reference to the participants table.<br><br>The dist_group_product_id value is a primary key of the dist_group_products table.<br><br>The Status value codes are:<br><br>• 1 = Active<br>• 0 = Inactive<br><br><br>The product_category_id value is a foreign key reference to the product_category table.<br><br>The product_id value is a foreign key reference to the product_repository table.<br><br>The territory_id value is a foreign key reference to the territories table.<br><br>The country value is a foreign key reference to the proximity_countries table. | `<DistributionGroupMember>`<br><br>`<assignment_id req="yes" status="add\edit" dt="numeric" fp="-4721" lookup="yes" expanded="no"></assignment_id>`<br><br>`<assignment_id req="no" status="read only" dt="numeric" fp="-5244" lookup="yes" expanded="no"></assignment_id>`<br><br>`<assignment_id req="no" status="read only" dt="numeric" fp="-5243" lookup="yes" expanded="no"></assignment_id>`<br><br>`<draft_current_count req="no" status="read only" dt="numeric" fp="-4725" lookup="no" expanded="no"></draft_current_count>`<br><br>`<draft_master_count req="no" status="read only" dt="numeric" fp="-4724" lookup="no" expanded="no"></draft_master_count>`<br><br>`<prod_current_count req="no" status="read only" dt="numeric" fp="-4727" lookup="no" expanded="no"></prod_current_count>`<br><br>`<prod_master_count req="no" status="read only" dt="numeric" fp="-4726" lookup="no" expanded="no"></prod_master_count>`<br><br>`<terr_dist_group_id req="no" status="read only" dt="numeric" fp="-4720" lookup="no" expanded="no"></terr_dist_group_id>`<br><br>`<type req="no" status="read only" dt="numeric" fp="-4722" lookup="no" expanded="no"></type>`<br><br>`<weight req="no" status="add\edit" dt="numeric" fp="-4723" lookup="no" expanded="no"></weight>`<br><br>`</DistributionGroupMember>`<br><br>`</DistributionGroupMembers>`<br><br>`<Domains Type="collection" Mode="Drop and Replace">`<br><br>`<Domain>`<br><br>`<scs_id req="yes" status="add\edit" dt="numeric" fp="-4768" lookup="yes" expanded="no"></scs_id>`<br><br>`<terr_dist_group_id req="no" status="read only" dt="numeric" fp="-4767" lookup="no" expanded="no"></terr_dist_group_id>`<br><br>`</Domain>`<br><br>`</Domains>`<br><br>`<EscalationContacts Type="collection" Mode="Drop and Replace">`<br><br>`<EscalationContact>`<br><br>`<assignment_id req="yes" status="add\edit" dt="numeric" fp="-5429" lookup="yes" expanded="no"></assignment_id>`<br><br>`<draft_current_count req="no" status="read only" dt="numeric" fp="-5430" lookup="no" expanded="no"></draft_current_count>`<br><br>`<draft_master_count req="no" status="read only" dt="numeric" fp="-5431" lookup="no" expanded="no"></draft_master_count>`<br><br>`<prod_current_count req="no" status="read only" dt="numeric" fp="-5432" lookup="no" expanded="no"></prod_current_count>`<br><br>`<prod_master_count req="no" status="read only" dt="numeric" fp="-5433" lookup="no" expanded="no"></prod_master_count>`<br><br>`<terr_dist_group_id req="no" status="read only" dt="numeric" fp="-5434" lookup="no" expanded="no"></terr_dist_group_id>`<br><br>`<type req="no" status="read only" dt="numeric" fp="-5435" lookup="no" expanded="no"></type>`<br><br>`<weight req="no" status="read only" dt="numeric" fp="-5436" lookup="no" expanded="no"></weight>` |

| Object Information | XML Data |
|---|---|
| |       &lt;/EscalationContact&gt; |
| | &lt;/EscalationContacts&gt; |
| | &lt;Products Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4"&gt; |
| |     &lt;Product&gt; |
| |       &lt;dist_group_product_id req="yes" status="edit only" dt="numeric" fp="-4782" lookup="no" expanded="no"&gt;&lt;/dist_group_product_id&gt; |
| |         &lt;priority req="yes" status="add\edit" dt="numeric" fp="-3721" lookup="no" expanded="no"&gt;&lt;/priority&gt; |
| |         &lt;product_category_id req="no" status="add\edit" dt="numeric" fp="-4862" lookup="yes" expanded="no"&gt;&lt;/product_category_id&gt; |
| |         &lt;product_id req="no" status="add\edit" dt="numeric" fp="-3719" lookup="yes" expanded="no"&gt;&lt;/product_id&gt; |
| |         &lt;radius req="yes" status="add\edit" dt="numeric" fp="-3720" lookup="no" expanded="no"&gt;&lt;/radius&gt; |
| |         &lt;status req="yes" status="add\edit" dt="numeric" fp="-3722" lookup="yes" expanded="no"&gt;&lt;/status&gt; |
| |         &lt;terr_dist_group_id req="no" status="read only" dt="numeric" fp="-4788" lookup="no" expanded="no"&gt;&lt;/terr_dist_group_id&gt; |
| |         &lt;terr_dist_group_id req="no" status="read only" dt="numeric" fp="-3718" lookup="yes" expanded="no"&gt;&lt;/terr_dist_group_id&gt; |
| |     &lt;/Product&gt; |
| | &lt;/Products&gt; |
| | &lt;Statistics Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4"&gt; |
| |     &lt;Statistic&gt; |
| |       &lt;current_count req="no" status="read only" dt="numeric" fp="-4819" lookup="no" expanded="no"&gt;&lt;/current_count&gt; |
| |       &lt;master_count req="no" status="read only" dt="numeric" fp="-4820" lookup="no" expanded="no"&gt;&lt;/master_count&gt; |
| |       &lt;terr_dist_group_id req="no" status="read only" dt="numeric" fp="-3356" lookup="yes" expanded="no"&gt;&lt;/terr_dist_group_id&gt; |
| |       &lt;terr_dist_group_id req="no" status="read only" dt="numeric" fp="-4823" lookup="no" expanded="no"&gt;&lt;/terr_dist_group_id&gt; |
| |       &lt;territory_id req="no" status="read only" dt="numeric" fp="-3357" lookup="no" expanded="no"&gt;&lt;/territory_id&gt; |
| |       &lt;weight req="no" status="read only" dt="numeric" fp="-4818" lookup="no" expanded="no"&gt;&lt;/weight&gt; |
| |     &lt;/Statistic&gt; |
| | &lt;/Statistics&gt; |

**Expense Categories**

| Object Information | XML Data |
|---|---|
| The exp_cat_id value is a primary key of the exp_categories table.<br>The allow_add value codes are: | &lt;RecordID id="exp_cat_id" req="yes" status="edit only" dt="numeric" fp="-15630" lookup="no" expanded="no"&gt;&lt;/RecordID&gt;<br>&lt;allow_add req="yes" status="edit only" dt="numeric" fp="-15633" lookup="yes" expanded="no"&gt;&lt;/allow_add&gt; |

| Object Information | XML Data |
|---|---|
| • 1 = Yes<br>• 0 = No<br><br><br>The encoded_title_id value is a foreign key reference to the encoded_titles table.<br><br>The fiscal_year_id value is a foreign key reference to the fiscal_years table.<br><br>The scs_id value is a foreign key reference to the classification_schema table. | `<description req="no" status="add\edit" dt="string" fp="-15632" lookup="no" expanded="no"></description>`<br>`<encoded_title_id req="no" status="add\edit" dt="numeric" fp="-15631" lookup="no" expanded="no"></encoded_title_id>`<br>`<fiscal_year_id req="yes" status="add\edit" dt="numeric" fp="-15636" lookup="yes" expanded="no"></fiscal_year_id>`<br>`<is_used req="no" status="read only" dt="numeric" fp="-15637" lookup="no" expanded="no"></is_used>`<br>`<modified_date req="no" status="read only" dt="date" fp="-15634" lookup="no" expanded="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-15635" lookup="yes" expanded="no"></modified_user>`<br>`<scs_id req="no" status="add only" dt="numeric" fp="-15638" lookup="yes" expanded="no"></scs_id>` |

**Form Response History**

| Object Information | XML Data |
|---|---|
| The form_result_id value is a primary key of the form_results table.<br><br>The form_result_field_id value is a primary key of the form_result_fields table.<br><br>The encoded_list_item_id value is a foreign key reference to the encoded_list_items table.<br><br>The field_id value is a foreign key reference to the inbound_form_fields table.<br><br>The activity_id value is a foreign key reference to the activities table.<br><br>The audience_member_id value is a foreign key reference to the audience_members table.<br><br>The inbound_id value is a foreign key reference to the inbound_forms table.<br><br>The interaction_id value is a foreign key reference to the interactions table.<br><br>The lead_id value is a foreign key reference to the leads table.<br><br>The participant_id value is a foreign key reference to the participants table.<br><br>The step_id value is a foreign key | `<RecordID id="form_result_id" req="yes" status="edit only" dt="numeric" fp="-294" lookup="no" expanded="no"></RecordID>`<br>`<activity_id req="no" status="add\edit" dt="numeric" fp="-3285" lookup="no" expanded="yes"></activity_id>`<br>`<audience_member_id req="no" status="add only" dt="numeric" fp="-3283" lookup="no" expanded="yes"></audience_member_id>`<br>`<entry_date req="no" status="read only" dt="date" fp="-295" lookup="no" expanded="no"></entry_date>`<br>`<inbound_id req="no" status="read only" dt="numeric" fp="-3929" lookup="no" expanded="no"></inbound_id>`<br>`<interaction_id req="no" status="add only" dt="numeric" fp="-3928" lookup="no" expanded="no"></interaction_id>`<br>`<lead_id req="no" status="add only" dt="numeric" fp="-3930" lookup="no" expanded="no"></lead_id>`<br>`<participant_id req="no" status="add only" dt="numeric" fp="-3267" lookup="no" expanded="yes"></participant_id>`<br>`<step_id req="no" status="add only" dt="numeric" fp="-3927" lookup="no" expanded="no"></step_id>`<br>`<supplier_id req="no" status="add only" dt="numeric" fp="-3268" lookup="no" expanded="yes"></supplier_id>`<br>`<ResultFields Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>  `<ResultField>`<br>    `<form_result_field_id req="yes" status="edit only" dt="numeric" fp="-1491" lookup="no" expanded="no"></form_result_field_id>`<br>    `<encoded_list_item_id req="no" status="add\edit" dt="numeric" fp="-5354" lookup="yes" expanded="no"></encoded_list_item_id>`<br>    `<field_datetime req="no" status="add\edit" dt="date" fp="-1496" lookup="no" expanded="no"></field_datetime>`<br>    `<field_id req="no" status="add only" dt="numeric" fp="-1493" lookup="no" expanded="no"></field_id>`<br>    `<field_label req="no" status="read only" dt="string" fp="-1494" lookup="no" expanded="no"></field_label>`<br>    `<field_number req="no" status="add\edit" dt="numeric" fp="-1497" lookup="no" expanded="no"></field_number>`<br>    `<field_value req="no" status="add\edit" dt="string" fp="-1495" lookup="no" expanded="no"></field_value>` |

| Object Information | XML Data |
|---|---|
| reference to the interaction_steps table.<br><br>The supplier_id value is a foreign key reference to the suppliers table. |       &lt;form_result_id req="no" status="add\edit" dt="numeric" fp="-1492" lookup="no" expanded="no"&gt;&lt;/form_result_id&gt;<br>      &lt;is_multi req="no" status="read only" dt="numeric" fp="-5355" lookup="no" expanded="no"&gt;&lt;/is_multi&gt;<br>   &lt;/ResultField&gt;<br>&lt;/ResultFields&gt; |

**Funding Accounts**

**Note**

Commitments, Forecasts, Invoices, and Transfers are all read-only summary objects that are directly based on budget information.

| Object Information | XML Data |
|---|---|
| The funding_acct_id value is a primary key of the funding_accounts table.<br><br>The account_source value codes are:<br><br>• 1 = Internal<br>• 2 = External<br><br>The account_type value codes are:<br><br>• 1 = Draft<br>• 2 = Planned<br>• 3 = Unplanned<br>• 4 = Add<br>• 5 = Cut<br>• 6 = Forecast Only<br>• 7 = Migrated<br><br>The status value codes are:<br><br>• 1 = Active<br>• 3 = Closed<br>• 2 = Inactive<br><br>The fiscal_period_id value is a primary key of the funding_acct_budget table.<br><br>The funding_acct_id value is a primary key of the funding_acct_budget table. | &lt;RecordID id="funding_acct_id" req="yes" status="edit only" dt="numeric" fp="-14923" lookup="no" expanded="no"&gt;&lt;/RecordID&gt;<br>&lt;account_source req="no" status="add\edit" dt="numeric" fp="-14931" lookup="yes" expanded="no"&gt;&lt;/account_source&gt;<br>&lt;account_type req="yes" status="add\edit" dt="numeric" fp="-14929" lookup="yes" expanded="no"&gt;&lt;/account_type&gt;<br>&lt;active_date req="no" status="read only" dt="date" fp="-14936" lookup="no" expanded="no"&gt;&lt;/active_date&gt;<br>&lt;administrator_id req="yes" status="add\edit" dt="numeric" fp="-14932" lookup="yes" expanded="no"&gt;&lt;/administrator_id&gt;<br>&lt;creator_id req="no" status="read only" dt="numeric" fp="-14933" lookup="yes" expanded="no"&gt;&lt;/creator_id&gt;<br>&lt;currency_code req="yes" status="add\edit" dt="numeric" fp="-14928" lookup="yes" expanded="no"&gt;&lt;/currency_code&gt;<br>&lt;description req="no" status="add\edit" dt="string" fp="-14926" lookup="no" expanded="no"&gt;&lt;/description&gt;<br>&lt;exchange_rate_id req="no" status="read only" dt="numeric" fp="-16109" lookup="no" expanded="no"&gt;&lt;/exchange_rate_id&gt;<br>&lt;finance_group_id req="yes" status="add\edit" dt="numeric" fp="-14934" lookup="yes" expanded="no"&gt;&lt;/finance_group_id&gt;<br>&lt;fiscal_year_id req="yes" status="add\edit" dt="numeric" fp="-14927" lookup="yes" expanded="no"&gt;&lt;/fiscal_year_id&gt;<br>&lt;funding_acct_contact req="yes" status="add\edit" dt="numeric" fp="-14935" lookup="yes" expanded="no"&gt;&lt;/funding_acct_contact&gt;<br>&lt;funding_acct_prefix req="no" status="add\edit" dt="string" fp="-14924" lookup="no" expanded="no"&gt;&lt;/funding_acct_prefix&gt;<br>&lt;modified_date req="no" status="read only" dt="date" fp="-14939" lookup="no" expanded="no"&gt;&lt;/modified_date&gt;<br>&lt;modified_user req="no" status="read only" dt="numeric" fp="-14938" lookup="yes" expanded="no"&gt;&lt;/modified_user&gt;<br>&lt;scs_id req="no" status="add only" dt="numeric" fp="-14937" lookup="yes" expanded="no"&gt;&lt;/scs_id&gt;<br>&lt;status req="no" status="add\edit" dt="numeric" fp="-14930" lookup="yes" expanded="no"&gt;&lt;/status&gt;<br>&lt;title req="yes" status="add\edit" dt="string" fp="-14925" lookup="no" expanded="no"&gt;&lt;/title&gt;<br>&lt;total_yr_budget req="no" status="read only" dt="string" fp="-15340" lookup="no" expanded="no"&gt;&lt;/total_yr_budget&gt;<br>&lt;EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no"&gt;<br>   &lt;value lookup="Picklist - Enhanced, Multiple Selection"&gt;zero or more elements&lt;/value&gt; |

| Object Information | XML Data |
|---|---|
| The fiscal_period_id value is a foreign key reference to the fiscal_periods table. | `</EXTVALUExxx>` |
| The fiscal_period_id value is a primary key of the funding_acct_budget table. | `<Budgets Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">` |
| The funding_acct_id value is a primary key of the funding_acct_budget table. | `<Period>` |
| The fiscal_period_id value is a foreign key reference to the fiscal_periods table. | `<fiscal_period_id req="no" status="edit only" dt="numeric" fp="-15177" lookup="no" expanded="no"></fiscal_period_id>` |
| The fiscal_period_id value is a primary key of the funding_acct_budget table. | `<funding_acct_id req="no" status="read only" dt="numeric" fp="-15176" lookup="no" expanded="no"></funding_acct_id>` |
| The funding_acct_id value is a primary key of the funding_acct_budget table. | `<base_amount req="no" status="read only" dt="numeric" fp="-15412" lookup="no" expanded="no"></base_amount>` |
| The fiscal_period_id value is a foreign key reference to the fiscal_periods table. | `<entered_amount req="yes" status="add\edit" dt="numeric" fp="-15178" lookup="no" expanded="no"></entered_amount>` |
| The funding_acct_id value is a primary key of the funding_acct_gl_integration table. | `</Period>` |
| The gl_integration_id value is a primary key of the funding_acct_gl_integration table. | `</Budgets>` |
| The gl_integration_id value is a foreign key reference to the gl_integration table. | `<Commitments Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">` |
| The fiscal_period_id value is a primary key of the funding_acct_budget table. | `<Period>` |
| The funding_acct_id value is a primary key of the funding_acct_budget table. | `<fiscal_period_id req="no" status="read only" dt="numeric" fp="-17368" lookup="no" expanded="no"></fiscal_period_id>` |
| The fiscal_period_id value is a foreign key reference to the fiscal_periods table. | `<funding_acct_id req="no" status="read only" dt="numeric" fp="-17366" lookup="no" expanded="no"></funding_acct_id>` |
| The fiscal_period_id value is a primary key of the funding_acct_budget table. | `</Period>` |
| The funding_acct_id value is a primary key of the funding_acct_budget table. | `</Commitments>` |
| The fiscal_period_id value is a foreign key reference to the fiscal_periods table. | `<Forecasts Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">` |
| The administrator_id value is a foreign key reference to the user_group table. | `<Period>` |
| The creator_id value is a foreign key reference to the user_group table. | `<fiscal_period_id req="no" status="read only" dt="numeric" fp="-17386" lookup="no" expanded="no"></fiscal_period_id>` |
| The currency_code value is a foreign key reference to the currency_codes table. | `<funding_acct_id req="no" status="read only" dt="numeric" fp="-17385" lookup="no" expanded="no"></funding_acct_id>` |

`</Period>`
`</Forecasts>`
`<GLIntegration Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`
`<GLInfo>`
`<funding_acct_id req="no" status="read only" dt="numeric" fp="-15180" lookup="no" expanded="no"></funding_acct_id>`
`<gl_integration_id req="no" status="add\edit" dt="numeric" fp="-15179" lookup="no" expanded="no"></gl_integration_id>`
`<percentage req="yes" status="add\edit" dt="numeric" fp="-15181" lookup="no" expanded="no"></percentage>`
`</GLInfo>`
`</GLIntegration>`
`<Invoices Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`
`<Period>`
`<fiscal_period_id req="no" status="read only" dt="numeric" fp="-17376" lookup="no" expanded="no"></fiscal_period_id>`
`<funding_acct_id req="no" status="read only" dt="numeric" fp="-17375" lookup="no" expanded="no"></funding_acct_id>`

| Object Information | XML Data |
|---|---|
| The exchange_rate_id value is a foreign key reference to the currency_exchange_rates table.<br><br>The finance_group_id value is a foreign key reference to the user_group table.<br><br>The fiscal_year_id value is a foreign key reference to the fiscal_years table.<br><br>The funding_acct_contact value is a foreign key reference to the user_group table.<br><br>The scs_id value is a foreign key reference to the classification_schema table. | `</Period>`<br>`</Invoices>`<br>`<Transfers Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <Period>`<br>`        <fiscal_period_id req="no" status="read only" dt="numeric" fp="-17361" lookup="no" expanded="no"></fiscal_period_id>`<br>`        <funding_acct_id req="no" status="read only" dt="numeric" fp="-17360" lookup="no" expanded="no"></funding_acct_id>`<br>`    </Period>`<br>`</Transfers>` |

**History Records**

| Object Information | XML Data |
|---|---|
| The history_record_id value is a primary key of the contact_history_template table.<br><br>The audience_member_id value is an unenforced foreign key reference to the audience_members table.<br><br>The data_source_id value is an unenforced foreign key reference to the import_datasources table.<br><br>Custom history type fields can be mapped for both publishing and interfacing.<br><br>The HistoryTypeID value is a foreign key reference to the contact_history_types table. This node is always required. | `<HistoryTypeID></HistoryTypeID>`<br>`<RecordID id="history_record_id" req="yes" status="edit only" dt="numeric" fp="-5265" lookup="no" expanded="no"></RecordID>`<br>`<abstract req="yes" status="add\edit" dt="string" fp="-5260" lookup="no" expanded="no"></abstract>`<br>`<audience_member_id req="no" status="add only" dt="numeric" fp="-5261" lookup="yes" expanded="no"></audience_member_id>`<br>`<data_source_id req="no" status="add\edit" dt="numeric" fp="-5262" lookup="no" expanded="no"></data_source_id>`<br>`<data_source_key req="no" status="add\edit" dt="string" fp="-5263" lookup="no" expanded="no"></data_source_key>`<br>`<history_record_date req="yes" status="add\edit" dt="date" fp="-5264" lookup="no" expanded="no"></history_record_date>` |

**Households**

| Object Information | XML Data |
|---|---|
| The household_id value is a primary key of the households table.<br><br>The scs_id value is a primary key of the household_domains table.<br><br>The scs_id value is a foreign key reference to the | `<RecordID id="household_id" req="yes" status="edit only" dt="numeric" fp="-500" lookup="no" expanded="no"></RecordID>`<br>`<description req="no" status="add\edit" dt="string" fp="-216" lookup="no" expanded="no"></description>`<br>`<modified_date req="no" status="read only" dt="date" fp="-2935" lookup="no" expanded="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-2934" lookup="yes" expanded="no"></modified_user>` |

| Object Information | XML Data |
|---|---|
| classification_schema table. | `<name req="yes" status="add\edit" dt="string" fp="-501" lookup="no" expanded="no"></name>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br>   `<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<Domains Type="collection" Mode="Drop and Replace">`<br>  `<Domain>`<br>    `<scs_id req="yes" status="add\edit" dt="numeric" fp="-3571" lookup="yes" expanded="no"></scs_id>`<br>    `<household_id req="no" status="read only" dt="numeric" fp="-3570" lookup="no" expanded="no"></household_id>`<br>  `</Domain>`<br>`</Domains>` |

**Incentives**

| Object Information | XML Data |
|---|---|
| The incentive_id value is a primary key of the incentives table.<br>The active_flag value codes are:<br><br>&bull;  1 = Active<br>&bull;  0 = Inactive<br><br>The activity_specific value codes are:<br><br>&bull;  1 = Yes<br>&bull;  0 = No<br><br>The incentive_id value is a primary key of the incentive_costs table.<br>The incentive_cost_type_id value is a primary key of the incentive_costs table.<br>The incentive_cost_type_id value is a foreign key reference to the incentive_cost_types table.<br>The currency_code value is a foreign key reference to the currency_codes table.<br>The incentive_type_id value is a foreign key reference | `<RecordID id="incentive_id" req="yes" status="edit only" dt="numeric" fp="-14188" lookup="no" expanded="no"></RecordID>`<br>`<active_flag req="yes" status="add\edit" dt="numeric" fp="-14183" lookup="yes" expanded="no"></active_flag>`<br>`<activity_specific req="no" status="read only" dt="numeric" fp="-14187" lookup="yes" expanded="no"></activity_specific>`<br>`<code req="no" status="add\edit" dt="string" fp="-14189" lookup="no" expanded="no"></code>`<br>`<currency_code req="yes" status="add\edit" dt="numeric" fp="-14191" lookup="yes" expanded="no"></currency_code>`<br>`<description req="no" status="add\edit" dt="string" fp="-14182" lookup="no" expanded="no"></description>`<br>`<incentive_type_id req="no" status="add\edit" dt="numeric" fp="-14184" lookup="yes" expanded="no"></incentive_type_id>`<br>`<modified_date req="no" status="read only" dt="date" fp="-14185" lookup="no" expanded="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-14181" lookup="yes" expanded="no"></modified_user>`<br>`<scs_id req="yes" status="add only" dt="numeric" fp="-14186" lookup="yes" expanded="no"></scs_id>`<br>`<title req="yes" status="add\edit" dt="string" fp="-14190" lookup="no" expanded="no"></title>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br>   `<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<IncentiveCosts Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>  `<IncentiveCost>`<br>    `<incentive_id req="no" status="read only" dt="numeric" fp="-14224" lookup="no" expanded="no"></incentive_id>` |

| Object Information | XML Data |
|---|---|
| to the incentive_types table.<br><br>The scs_id value is a foreign key reference to the classification_schema table. | `<incentive_cost_type_id req="yes" status="add\edit" dt="numeric" fp="-14220" lookup="yes" expanded="no"></incentive_cost_type_id>`<br><br>`<actual_cost req="no" status="add\edit" dt="numeric" fp="-14217" lookup="no" expanded="no"></actual_cost>`<br><br>`<actual_cost_base req="no" status="read only" dt="numeric" fp="-14223" lookup="no" expanded="no"></actual_cost_base>`<br><br>`<estimated_cost req="no" status="add\edit" dt="numeric" fp="-14222" lookup="no" expanded="no"></estimated_cost>`<br><br>`<estimated_cost_base req="no" status="read only" dt="numeric" fp="-14221" lookup="no" expanded="no"></estimated_cost_base>`<br><br>`</IncentiveCost>`<br><br>`</IncentiveCosts>` |

**Invoices**

| Object Information | XML Data |
|---|---|
| The invoice_id value is a primary key of the invoices table.<br><br>The invoice_status value codes are:<br><br>• 0 = Draft<br>• 1 = Pending Authorization Tree Approval (Invoices)<br>• 2 = Pending Funding Account Contact Approval (Invoices)<br>• 3 = Pending Pooled Approval (Invoices)<br>• 4 = Pending Payment<br>• 5 = Pending Payment (Ready)<br>• 6 = Pending Payment (Sent)<br>• 7 = Paid<br>• 8 = Rejected Authorization Tree Approval (Invoices)<br>• 9 = Rejected Funding Account Contact Approval (Invoices)<br>• 10 = Rejected Pooled Approval (Invoices)<br>• 11 = Rejected at Accounts Payable<br>• 12 = Canceled<br><br>The item_id value is a primary key of the invoice_items table. | `<RecordID id="invoice_id" req="yes" status="edit only" dt="numeric" fp="-122" lookup="no" expanded="no"></RecordID>`<br>`<committed_fund_id req="no" status="add\edit" dt="numeric" fp="-2080" lookup="no" expanded="no"></committed_fund_id>`<br>`<contact_id req="no" status="add\edit" dt="numeric" fp="-15284" lookup="yes" expanded="no"></contact_id>`<br>`<creator_id req="yes" status="add only" dt="numeric" fp="-15287" lookup="yes" expanded="no"></creator_id>`<br>`<currency_code req="yes" status="add\edit" dt="numeric" fp="-1891" lookup="yes" expanded="no"></currency_code>`<br>`<date_due req="no" status="read only" dt="date" fp="-168" lookup="no" expanded="no"></date_due>`<br>`<date_received req="no" status="add\edit" dt="date" fp="-167" lookup="no" expanded="no"></date_received>`<br>`<fiscal_year_id req="yes" status="add\edit" dt="numeric" fp="-15289" lookup="yes" expanded="no"></fiscal_year_id>`<br>`<invoice_date req="no" status="add\edit" dt="date" fp="-15288" lookup="no" expanded="no"></invoice_date>`<br>`<invoice_number req="yes" status="add\edit" dt="string" fp="-129" lookup="no" expanded="no"></invoice_number>`<br>`<invoice_status req="no" status="read only" dt="numeric" fp="-15286" lookup="yes" expanded="no"></invoice_status>`<br>`<invoice_type_id req="no" status="add\edit" dt="numeric" fp="-6136" lookup="yes" expanded="no"></invoice_type_id>`<br>`<modified_date req="no" status="read only" dt="date" fp="-2092" lookup="no" expanded="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-2091" lookup="yes" expanded="no"></modified_user>`<br>`<net req="no" status="read only" dt="numeric" fp="-15285" lookup="no" expanded="no"></net>`<br>`<paid_date req="no" status="add\edit" dt="date" fp="-2683" lookup="no" expanded="no"></paid_date>`<br>`<reviewed_by req="no" status="add\edit" dt="numeric" fp="-2311" lookup="yes" expanded="no"></reviewed_by>`<br>`<reviewed_date req="no" status="add\edit" dt="date" fp="-2312" lookup="no" expanded="no"></reviewed_date>` |

| Object Information | XML Data |
|---|---|
| The activity_id value is a foreign key reference to the activities table.<br><br>The activity_id value is a foreign key reference to the activities table.<br><br>The committed_fund_item_id value is a foreign key reference to the committed_fund_items table.<br><br>The exp_cat_id value is a foreign key reference to the exp_categories table.<br><br>The exp_cat_id value is a foreign key reference to the exp_categories table.<br><br>The funding_acct_id value is a foreign key reference to the funding_accounts table.<br><br>The funding_acct_id value is a foreign key reference to the funding_accounts table.<br><br>The committed_fund_id value is a foreign key reference to the committed_fund table.<br><br>The contact_id value is a foreign key reference to the supplier_contacts table.<br><br>The creator_id value is a foreign key reference to the user_group table.<br><br>The currency_code value is a foreign key reference to the currency_codes table.<br><br>The fiscal_year_id value is a foreign key reference to the fiscal_years table.<br><br>The invoice_type_id value is a foreign key reference to the invoice_types table.<br><br>The reviewed_by value is a foreign key reference to the user_group table.<br><br>The supplier_id value is a foreign key reference to the suppliers table.<br><br>The user_id value is a foreign key reference to the user_group table. | `<supplier_id req="yes" status="add\edit" dt="numeric" fp="-3673" lookup="yes" expanded="yes"></supplier_id>`<br><br>`<total_invoice req="no" status="read only" dt="numeric" fp="-170" lookup="no" expanded="no"></total_invoice>`<br><br>`<user_id req="yes" status="add\edit" dt="numeric" fp="-2081" lookup="yes" expanded="no"></user_id>`<br><br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br><br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br><br>`</EXTVALUExxx>`<br><br>`<InvoiceItems Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br><br>`    <InvoiceItem>`<br><br>`        <item_id req="yes" status="edit only" dt="numeric" fp="-2083" lookup="no" expanded="no"></item_id>`<br><br>`        <activity_id req="yes" status="add\edit" dt="numeric" fp="-557" lookup="yes" expanded="no"></activity_id>`<br><br>`        <activity_id req="no" status="read only" dt="numeric" fp="-17353" lookup="no" expanded="no"></activity_id>`<br><br>`        <committed_fund_item_id req="no" status="add\edit" dt="numeric" fp="-15312" lookup="yes" expanded="no"></committed_fund_item_id>`<br><br>`        <description req="yes" status="add\edit" dt="string" fp="-554" lookup="no" expanded="no"></description>`<br><br>`        <exp_cat_id req="no" status="read only" dt="numeric" fp="-16116" lookup="no" expanded="no"></exp_cat_id>`<br><br>`        <exp_cat_id req="no" status="add\edit" dt="numeric" fp="-15310" lookup="yes" expanded="no"></exp_cat_id>`<br><br>`        <funding_acct_id req="no" status="read only" dt="numeric" fp="-15806" lookup="no" expanded="no"></funding_acct_id>`<br><br>`        <funding_acct_id req="no" status="add\edit" dt="numeric" fp="-15311" lookup="yes" expanded="no"></funding_acct_id>`<br><br>`        <invoice_id req="no" status="read only" dt="numeric" fp="-3581" lookup="no" expanded="no"></invoice_id>`<br><br>`        <price req="yes" status="add\edit" dt="numeric" fp="-556" lookup="no" expanded="no"></price>`<br><br>`        <quantity req="yes" status="add\edit" dt="numeric" fp="-555" lookup="no" expanded="no"></quantity>`<br><br>`        <EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br><br>`            <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br><br>`        </EXTVALUExxx>`<br><br>`    </InvoiceItem>`<br><br>`</InvoiceItems>` |

**Journal Vouchers**

| Object Information | XML Data |
|---|---|
| The journal_voucher_id value is a primary key of the journal_vouchers table.<br><br>The journal_voucher_status value codes are:<br><br>• 1 = Draft<br>• 2 = Pending Reconciliation - Ready<br>• 3 = Pending Reconciliation - Sent<br>• 4 = Pending Reconciliation<br>• 5 = Reconciled<br>• 6 = Canceled<br>• 7 = Rejected Accounts Payable<br><br>The send_to_gl_integration value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br>The jv_item_id value is a primary key of the jv_items table.<br><br>The activity_id value is a foreign key reference to the activities table.<br><br>The committed_fund_item_id value is a foreign key reference to the committed_fund_items table.<br><br>The exp_cat_id value is a foreign key reference to the exp_categories table.<br><br>The funding_acct_id value is a foreign key reference to the funding_accounts table.<br><br>The item_id value is a foreign key reference to the invoice_items table.<br><br>The committed_fund_id value is a foreign key reference to the committed_fund table.<br><br>The contact_id value is a foreign key reference to the supplier_contacts table.<br><br>The creator_id value is a foreign key reference to the user_group table.<br><br>The currency_code value is a foreign key reference to the currency_codes table. | `<RecordID id="journal_voucher_id" req="yes" status="edit only" dt="numeric" fp="-15855" lookup="no" expanded="no"></RecordID>`<br>`<committed_fund_id req="no" status="add\edit" dt="numeric" fp="-15857" lookup="no" expanded="no"></committed_fund_id>`<br>`<contact_id req="no" status="add\edit" dt="numeric" fp="-15859" lookup="yes" expanded="no"></contact_id>`<br>`<creator_id req="yes" status="add only" dt="numeric" fp="-15863" lookup="yes" expanded="no"></creator_id>`<br>`<currency_code req="yes" status="add\edit" dt="numeric" fp="-15861" lookup="yes" expanded="no"></currency_code>`<br>`<exchange_rate_id req="no" status="add\edit" dt="numeric" fp="-15869" lookup="no" expanded="no"></exchange_rate_id>`<br>`<fiscal_year_id req="yes" status="add\edit" dt="numeric" fp="-15862" lookup="yes" expanded="no"></fiscal_year_id>`<br>`<invoice_id req="no" status="add\edit" dt="numeric" fp="-15856" lookup="yes" expanded="no"></invoice_id>`<br>`<journal_voucher_date req="yes" status="add\edit" dt="date" fp="-15860" lookup="no" expanded="no"></journal_voucher_date>`<br>`<journal_voucher_status req="yes" status="add\edit" dt="numeric" fp="-15864" lookup="yes" expanded="no"></journal_voucher_status>`<br>`<journal_voucher_type_id req="no" status="add\edit" dt="numeric" fp="-15872" lookup="yes" expanded="no"></journal_voucher_type_id>`<br>`<posted_date req="no" status="add\edit" dt="date" fp="-15865" lookup="no" expanded="no"></posted_date>`<br>`<send_to_gl_integration req="yes" status="add\edit" dt="numeric" fp="-15866" lookup="yes" expanded="no"></send_to_gl_integration>`<br>`<supplier_id req="no" status="add\edit" dt="numeric" fp="-15858" lookup="yes" expanded="no"></supplier_id>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<JournalVoucherItems Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <JournalVoucherItem>`<br>`        <jv_item_id req="no" status="read only" dt="numeric" fp="-16369" lookup="no" expanded="no"></jv_item_id>`<br>`        <activity_id req="yes" status="add\edit" dt="numeric" fp="-16375" lookup="yes" expanded="no"></activity_id>`<br>`        <committed_fund_item_id req="no" status="add\edit" dt="numeric" fp="-16371" lookup="yes" expanded="no"></committed_fund_item_id>`<br>`        <description req="yes" status="add\edit" dt="string" fp="-16372" lookup="no" expanded="no"></description>`<br>`        <exp_cat_id req="no" status="add\edit" dt="numeric" fp="-16376" lookup="yes" expanded="no"></exp_cat_id>`<br>`        <funding_acct_id req="no" status="add\edit" dt="numeric" fp="-16377" lookup="yes" expanded="no"></funding_acct_id>`<br>`        <item_id req="no" status="read only" dt="numeric" fp="-17339" lookup="yes" expanded="no"></item_id>`<br>`        <journal_voucher_id req="no" status="read only" dt="numeric" fp="-16370" lookup="no"` |

| Object Information | XML Data |
|---|---|
| The exchange_rate_id value is a foreign key reference to the currency_exchange_rates table. <br><br> The fiscal_year_id value is a foreign key reference to the fiscal_years table. <br><br> The invoice_id value is a foreign key reference to the invoices table. <br><br> The journal_voucher_type_id value is a foreign key reference to the journal_voucher_types table. <br><br> The supplier_id value is a foreign key reference to the suppliers table. | expanded="no"></journal_voucher_id> <br>    &lt;price req="yes" status="add\edit" dt="numeric" fp="-16374" lookup="no" expanded="no"&gt;&lt;/price&gt; <br>    &lt;quantity req="yes" status="add\edit" dt="numeric" fp="-16373" lookup="no" expanded="no"&gt;&lt;/quantity&gt; <br>    &lt;EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no"&gt; <br>      &lt;value lookup="Picklist - Enhanced, Multiple Selection"&gt;zero or more elements&lt;/value&gt; <br>    &lt;/EXTVALUExxx&gt; <br>  &lt;/JournalVoucherItem&gt; <br>&lt;/JournalVoucherItems&gt; |

**Leads**

| Object Information | XML Data |
|---|---|
| The lead_id value is a primary key of the leads table. <br><br> The Lead assignment mode value codes are: <br>  • 1 = Draft <br>  • 2 = Production <br><br><br> The audience_member_id value is a foreign key reference to the audience_members table. <br><br> The lead_type_id value is a foreign key reference to the lead_status_types table. <br><br> The product_id value is a foreign key reference to the product_repository table. <br><br> The rep_id value is a foreign key reference to the participants table. <br><br> The terr_dist_group_id value is a foreign key reference to the terr_distribution_groups table. <br><br> The territory_id value is a foreign key reference to the territories table. | &lt;RecordID id="lead_id" req="yes" status="edit only" dt="numeric" fp="-3696" lookup="no" expanded="no"&gt;&lt;/RecordID&gt; <br>&lt;audience_member_id req="yes" status="add only" dt="numeric" fp="-3698" lookup="yes" expanded="yes"&gt;&lt;/audience_member_id&gt; <br>&lt;date_assigned req="no" status="read only" dt="date" fp="-3749" lookup="no" expanded="no"&gt;&lt;/date_assigned&gt; <br>&lt;date_created req="no" status="read only" dt="date" fp="-3707" lookup="no" expanded="no"&gt;&lt;/date_created&gt; <br>&lt;lead_assignment_mode req="yes" status="add only" dt="numeric" fp="-3699" lookup="yes" expanded="no"&gt;&lt;/lead_assignment_mode&gt; <br>&lt;lead_type_id req="no" status="add\edit" dt="numeric" fp="-3700" lookup="yes" expanded="no"&gt;&lt;/lead_type_id&gt; <br>&lt;modified_date req="no" status="read only" dt="date" fp="-3709" lookup="no" expanded="no"&gt;&lt;/modified_date&gt; <br>&lt;modified_user req="no" status="read only" dt="numeric" fp="-3708" lookup="yes" expanded="no"&gt;&lt;/modified_user&gt; <br>&lt;product_id req="no" status="add only" dt="numeric" fp="-3697" lookup="yes" expanded="no"&gt;&lt;/product_id&gt; <br>&lt;quality req="no" status="add\edit" dt="string" fp="-3706" lookup="no" expanded="no"&gt;&lt;/quality&gt; <br>&lt;rep_id req="no" status="add\edit" dt="numeric" fp="-3703" lookup="yes" expanded="no"&gt;&lt;/rep_id&gt; <br>&lt;score req="no" status="add\edit" dt="numeric" fp="-3704" lookup="no" expanded="no"&gt;&lt;/score&gt; <br>&lt;source req="no" status="add\edit" dt="string" fp="-3705" lookup="no" expanded="no"&gt;&lt;/source&gt; <br>&lt;terr_dist_group_id req="no" status="add\edit" dt="numeric" fp="-3702" lookup="yes" expanded="yes"&gt;&lt;/terr_dist_group_id&gt; <br>&lt;territory_id req="no" status="add\edit" dt="numeric" fp="-3701" lookup="yes" expanded="no"&gt;&lt;/territory_id&gt; <br>&lt;EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no"&gt; <br>  &lt;value lookup="Picklist - Enhanced, Multiple Selection"&gt;zero or more elements&lt;/value&gt; |

| Object Information | XML Data |
|---|---|
| | </EXTVALUExxx> |

**Notes**

| Object Information | XML Data |
|---|---|
| The note_id value is a primary key of the notes table. | <RecordID id="note_id" req="yes" status="edit only" dt="numeric" fp="-3252" lookup="no" expanded="no"></RecordID><br><created_date req="no" status="read only" dt="date" fp="-4395" lookup="no" expanded="no"></created_date><br><creator_id req="no" status="read only" dt="numeric" fp="-3249" lookup="yes" expanded="no"></creator_id><br><modified_date req="no" status="read only" dt="date" fp="-3251" lookup="no" expanded="no"></modified_date><br><modified_user req="no" status="read only" dt="numeric" fp="-3256" lookup="yes" expanded="no"></modified_user><br><note req="no" status="add\edit" dt="string" fp="-3250" lookup="no" expanded="no"></note><br><note_title req="yes" status="add\edit" dt="string" fp="-3253" lookup="no" expanded="no"></note_title><br><object_id req="yes" status="add only" dt="numeric" fp="-3254" lookup="no" expanded="no"></object_id><br><object_type_id req="yes" status="add only" dt="numeric" fp="-3255" lookup="no" expanded="no"></object_type_id><br><parent_id req="no" status="add only" dt="numeric" fp="-4393" lookup="no" expanded="no"></parent_id><br><sequence req="no" status="read only" dt="numeric" fp="-4394" lookup="no" expanded="no"></sequence> |

**Offers**

| Object Information | XML Data |
|---|---|
| The offer_id value is a primary key of the offers table.<br>The activity_specific value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br>The status_id value codes are:<br><br>• 1 = Draft<br>• 2 = Current<br>• 3 = Expired<br><br>The offer_id value is a primary key of the | <RecordID id="offer_id" req="yes" status="edit only" dt="numeric" fp="-9702" lookup="no" expanded="no"></RecordID><br><activity_specific req="no" status="read only" dt="numeric" fp="-14173" lookup="yes" expanded="no"></activity_specific><br><begin_date req="yes" status="add\edit" dt="date" fp="-9705" lookup="no" expanded="no"></begin_date><br><description req="no" status="add\edit" dt="string" fp="-9711" lookup="no" expanded="no"></description><br><expiration_date req="yes" status="add\edit" dt="date" fp="-9707" lookup="no" expanded="no"></expiration_date><br><incentive_id req="no" status="add\edit" dt="numeric" fp="-14171" lookup="yes" expanded="no"></incentive_id><br><modified_date req="no" status="add\edit" dt="date" fp="-9710" lookup="no" expanded="no"></modified_date><br><modified_user req="no" status="add\edit" dt="numeric" fp="-9701" lookup="yes" expanded="no"></modified_user><br><offer_code req="no" status="add\edit" dt="string" fp="-9712" lookup="no" expanded="no"></offer_code><br><owner_id req="yes" status="add\edit" dt="numeric" fp="-9709" lookup="yes" expanded="no"></owner_id> |

| Object Information | XML Data |
|---|---|
| offer_channels table.<br><br>The channel_id value is a primary key of the offer_channels table.<br><br>The channel_id value is a foreign key reference to the channels table.<br><br>The offer_id value is a primary key of the offer_products table.<br><br>The product_id value is a primary key of the offer_products table.<br><br>The product_id value is a foreign key reference to the product_repository table.<br><br>The incentive_id value is a foreign key reference to the incentives table.<br><br>The owner_id value is a foreign key reference to the user_group table.<br><br>The scs_id value is a foreign key reference to the classification_schema table.<br><br>The type_id value is a foreign key reference to the offer_types table. | `<scs_id req="yes" status="add only" dt="numeric" fp="-14172" lookup="yes" expanded="no"></scs_id>`<br>`<status_id req="yes" status="add\edit" dt="numeric" fp="-9704" lookup="yes" expanded="no"></status_id>`<br>`<title req="yes" status="add\edit" dt="string" fp="-9708" lookup="no" expanded="no"></title>`<br>`<type_id req="no" status="add\edit" dt="numeric" fp="-9706" lookup="yes" expanded="no"></type_id>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<OfferChannels Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <OfferChannel>`<br>`        <offer_id req="no" status="read only" dt="numeric" fp="-14278" lookup="no" expanded="no"></offer_id>`<br>`        <channel_id req="no" status="add\edit" dt="numeric" fp="-14279" lookup="yes" expanded="no"></channel_id>`<br>`    </OfferChannel>`<br>`</OfferChannels>`<br>`<OfferProducts Type="collection" Mode="Drop and Replace">`<br>`    <OfferProduct>`<br>`        <offer_id req="no" status="read only" dt="numeric" fp="-14264" lookup="no" expanded="no"></offer_id>`<br>`        <product_id req="yes" status="add\edit" dt="numeric" fp="-14263" lookup="yes" expanded="no"></product_id>`<br>`    </OfferProduct>`<br>`</OfferProducts>` |

**Participants**

| Object Information | XML Data |
|---|---|
| The participant_id value is a primary key of the participants table.<br><br>The Html email value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br>The scs_id value is a foreign key reference to the classification_schema table.<br><br>The currency_code value is a foreign key reference to | `<RecordID id="participant_id" req="yes" status="edit only" dt="numeric" fp="-801" lookup="no" expanded="no"></RecordID>`<br>`<addr_1 req="no" status="add\edit" dt="string" fp="-816" lookup="no" expanded="no"></addr_1>`<br>`<addr_2 req="no" status="add\edit" dt="string" fp="-817" lookup="no" expanded="no"></addr_2>`<br>`<addr_3 req="no" status="add\edit" dt="string" fp="-818" lookup="no" expanded="no"></addr_3>`<br>`<addr_city req="no" status="add\edit" dt="string" fp="-819" lookup="no" expanded="no"></addr_city>`<br>`<addr_country req="no" status="add\edit" dt="string" fp="-821" lookup="no" expanded="no"></addr_country>`<br>`<addr_state req="no" status="add\edit" dt="string" fp="-820" lookup="no" expanded="no"></addr_state>`<br>`<addr_zip req="no" status="add\edit" dt="string" fp="-822" lookup="no" expanded="no"></addr_zip>` |

| Object Information | XML Data |
|---|---|
| the currency_codes table.<br><br>The mapped_user_id value is a foreign key reference to the user_group table.<br><br>The notification_type_id value is a foreign key reference to the notification_types table.<br><br>The participant_type_id value is a foreign key reference to the participant_types table. | `<comments req="no" status="add\edit" dt="string" fp="-825" lookup="no" expanded="no"></comments>`<br>`<company req="no" status="add\edit" dt="string" fp="-809" lookup="no" expanded="no"></company>`<br>`<currency_code req="yes" status="add\edit" dt="numeric" fp="-827" lookup="yes" expanded="no"></currency_code>`<br>`<department req="no" status="add\edit" dt="string" fp="-806" lookup="no" expanded="no"></department>`<br>`<email req="no" status="add\edit" dt="string" fp="-823" lookup="no" expanded="no"></email>`<br>`<fax req="no" status="add\edit" dt="string" fp="-811" lookup="no" expanded="no"></fax>`<br>`<first_name req="no" status="add\edit" dt="string" fp="-803" lookup="no" expanded="no"></first_name>`<br>`<html_email req="yes" status="add\edit" dt="numeric" fp="-4157" lookup="yes" expanded="no"></html_email>`<br>`<labor_rate req="no" status="add\edit" dt="numeric" fp="-812" lookup="no" expanded="no"></labor_rate>`<br>`<last_name req="yes" status="add\edit" dt="string" fp="-802" lookup="no" expanded="no"></last_name>`<br>`<mapped_user_id req="no" status="add\edit" dt="numeric" fp="-1596" lookup="yes" expanded="yes"></mapped_user_id>`<br>`<middle_name req="no" status="add\edit" dt="string" fp="-804" lookup="no" expanded="no"></middle_name>`<br>`<modified_date req="no" status="read only" dt="date" fp="-829" lookup="no" expanded="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-828" lookup="yes" expanded="no"></modified_user>`<br>`<notification_type_id req="yes" status="add\edit" dt="numeric" fp="-815" lookup="yes" expanded="no"></notification_type_id>`<br>`<participant_type_id req="no" status="add\edit" dt="numeric" fp="-814" lookup="yes" expanded="no"></participant_type_id>`<br>`<phone req="no" status="add\edit" dt="string" fp="-810" lookup="no" expanded="no"></phone>`<br>`<prefix req="no" status="add\edit" dt="string" fp="-807" lookup="no" expanded="no"></prefix>`<br>`<suffix req="no" status="add\edit" dt="string" fp="-808" lookup="no" expanded="no"></suffix>`<br>`<title req="no" status="add\edit" dt="string" fp="-805" lookup="no" expanded="no"></title>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br>   `<value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<Domains Type="collection" Mode="Drop and Replace">`<br>  `<Domain>`<br>    `<participant_id req="no" status="read only" dt="numeric" fp="-3204" lookup="no" expanded="no"></participant_id>`<br>    `<scs_id req="yes" status="add\edit" dt="numeric" fp="-3205" lookup="yes" expanded="no"></scs_id>`<br>  `</Domain>`<br>`</Domains>` |

**Products**

| Object Information | XML Data |
|---|---|
| The product_id value is a primary key of the product_repository table.<br><br>The Status value codes are:<br>• 1 = Active<br>• 0 = Inactive<br><br>The product_alias_id value is a primary key of the product_repository_aliases table.<br><br>The product_category_id value is a foreign key reference to the product_category table.<br><br>The scs_id value is a foreign key reference to the classification_schema table.<br><br>The product_type_id value is a foreign key reference to the product_repository_types table. | `<RecordID id="product_id" req="yes" status="edit only" dt="numeric" fp="-3674" lookup="no" expanded="no"></RecordID>`<br>`<description req="no" status="add\edit" dt="string" fp="-3676" lookup="no" expanded="no"></description>`<br>`<modified_date req="no" status="read only" dt="date" fp="-3681" lookup="no" expanded="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-3680" lookup="yes" expanded="no"></modified_user>`<br>`<product_number req="no" status="add\edit" dt="string" fp="-3677" lookup="no" expanded="no"></product_number>`<br>`<product_type_id req="yes" status="add\edit" dt="numeric" fp="-3678" lookup="yes" expanded="no"></product_type_id>`<br>`<status req="yes" status="add\edit" dt="numeric" fp="-3679" lookup="yes" expanded="no"></status>`<br>`<title req="yes" status="add\edit" dt="string" fp="-3675" lookup="no" expanded="no"></title>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<Aliases Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <Alias>`<br>`        <product_alias_id req="no" status="read only" dt="numeric" fp="-3685" lookup="no" expanded="no"></product_alias_id>`<br>`        <alias req="yes" status="add\edit" dt="string" fp="-3686" lookup="no" expanded="no"></alias>`<br>`        <description req="no" status="add\edit" dt="string" fp="-3687" lookup="no" expanded="no"></description>`<br>`        <product_id req="no" status="read only" dt="numeric" fp="-3684" lookup="no" expanded="no"></product_id>`<br>`    </Alias>`<br>`</Aliases>`<br>`<Categories Type="collection" Mode="Drop and Replace">`<br>`    <Category>`<br>`        <product_category_id req="no" status="add\edit" dt="numeric" fp="-4199" lookup="yes" expanded="no"></product_category_id>`<br>`        <product_id req="no" status="read only" dt="numeric" fp="-4200" lookup="no" expanded="no"></product_id>`<br>`    </Category>`<br>`</Categories>`<br>`<Domains Type="collection" Mode="Drop and Replace">`<br>`    <Domain>`<br>`        <product_id req="no" status="read only" dt="numeric" fp="-3682" lookup="no" expanded="no"></product_id>`<br>`        <scs_id req="yes" status="add\edit" dt="numeric" fp="-3683" lookup="yes" expanded="no"></scs_id>` |

| Object Information | XML Data |
|---|---|
| |     &lt;/Domain&gt;<br>&lt;/Domains&gt; |

**Programs**

| Object Information | XML Data |
|---|---|
| The campaign_id value is a primary key of the campaigns table.<br><br>The campaign_id value is a primary key of the campaign_membership table.<br><br>The activity_id value is a foreign key reference to the activities table.<br><br>The audience_id value is a foreign key reference to the audiences table.<br><br>The offering_id value is a foreign key reference to the offerings table.<br><br>The objective_id value is a foreign key reference to the objectives table.<br><br>The strategy_id value is a foreign key reference to the objective_strategies table.<br><br>The plan_id value is a foreign key reference to the plans table.<br><br>The region_id value is a foreign key reference to the regions table.<br><br>The campaign_type_id value is a foreign key reference to the campaign_types table.<br><br>The creator_id value is a foreign key reference to the user_group table.<br><br>The owner_id value is a foreign key reference to the user_group table.<br><br>The scs_id value is a foreign key reference to the classification_schema table. | &lt; RecordID id="campaign_id" req="yes" status="edit only" dt="numeric" fp="-693" lookup="no" expanded="no"&gt;&lt;/RecordID&gt;<br>&lt;campaign_type_id req="no" status="add\edit" dt="numeric" fp="-6078" lookup="yes" expanded="no"&gt;&lt;/campaign_type_id&gt;<br>&lt;creator_id req="no" status="read only" dt="numeric" fp="-4189" lookup="yes" expanded="no"&gt;&lt;/creator_id&gt;<br>&lt;description req="no" status="add\edit" dt="string" fp="-1530" lookup="no" expanded="no"&gt;&lt;/description&gt;<br>&lt;end_date req="yes" status="add\edit" dt="date" fp="-697" lookup="no" expanded="no"&gt;&lt;/end_date&gt;<br>&lt;modified_date req="no" status="read only" dt="date" fp="-1687" lookup="no" expanded="no"&gt;&lt;/modified_date&gt;<br>&lt;modified_user req="no" status="read only" dt="numeric" fp="-1702" lookup="yes" expanded="no"&gt;&lt;/modified_user&gt;<br>&lt;name req="yes" status="add\edit" dt="string" fp="-694" lookup="no" expanded="no"&gt;&lt;/name&gt;<br>&lt;objective req="no" status="add\edit" dt="string" fp="-739" lookup="no" expanded="no"&gt;&lt;/objective&gt;<br>&lt;owner_id req="yes" status="add\edit" dt="numeric" fp="-695" lookup="yes" expanded="no"&gt;&lt;/owner_id&gt;<br>&lt;scs_id req="yes" status="add\edit" dt="numeric" fp="-740" lookup="yes" expanded="no"&gt;&lt;/scs_id&gt;<br>&lt;start_date req="yes" status="add\edit" dt="date" fp="-696" lookup="no" expanded="no"&gt;&lt;/start_date&gt;<br>&lt;EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no"&gt;<br>    &lt;value lookup="Picklist - Enhanced, Multiple Selection"&gt;zero or more elements&lt;/value&gt;<br>&lt;/EXTVALUExxx&gt;<br>&lt;Activities Type="collection" Mode="Drop and Replace"&gt;<br>    &lt;Activity&gt;<br>        &lt;campaign_id req="yes" status="add\edit" dt="numeric" fp="-1813" lookup="yes" expanded="no"&gt;&lt;/campaign_id&gt;<br>        &lt;activity_id req="yes" status="add\edit" dt="numeric" fp="-1472" lookup="yes" expanded="no"&gt;&lt;/activity_id&gt;<br>    &lt;/Activity&gt;<br>&lt;/Activities&gt;<br>&lt;Audiences Type="collection" Mode="Drop and Replace"&gt;<br>    &lt;Audience&gt;<br>        &lt;audience_id req="no" status="add\edit" dt="numeric" fp="-4159" lookup="yes" expanded="no"&gt;&lt;/audience_id&gt;<br>        &lt;campaign_id req="no" status="read only" dt="numeric" fp="-4160" lookup="no" expanded="no"&gt;&lt;/campaign_id&gt; |

| Object Information | XML Data |
|---|---|
| | &lt;/Audience&gt;<br>&lt;/Audiences&gt;<br>&lt;Offerings Type="collection" Mode="Drop and Replace"&gt;<br>  &lt;Offering&gt;<br>    &lt;campaign_id req="no" status="read only" dt="numeric" fp="-4171" lookup="no" expanded="no"&gt;&lt;/campaign_id&gt;<br>    &lt;offering_id req="yes" status="add\edit" dt="numeric" fp="-4170" lookup="yes" expanded="no"&gt;&lt;/offering_id&gt;<br>  &lt;/Offering&gt;<br>&lt;/Offerings&gt;<br>&lt;OrgObjectives Type="collection" Mode="Drop and Replace"&gt;<br>  &lt;Objective&gt;<br>    &lt;campaign_id req="no" status="read only" dt="numeric" fp="-4164" lookup="no" expanded="no"&gt;&lt;/campaign_id&gt;<br>    &lt;objective_id req="yes" status="add\edit" dt="numeric" fp="-4163" lookup="yes" expanded="no"&gt;&lt;/objective_id&gt;<br>  &lt;/Objective&gt;<br>&lt;/OrgObjectives&gt;<br>&lt;OrgStrategies Type="collection" Mode="Drop and Replace"&gt;<br>  &lt;Strategy&gt;<br>    &lt;allocation req="no" status="read only" dt="numeric" fp="-4167" lookup="no" expanded="no"&gt;&lt;/allocation&gt;<br>    &lt;campaign_id req="no" status="read only" dt="numeric" fp="-4165" lookup="no" expanded="no"&gt;&lt;/campaign_id&gt;<br>    &lt;strategy_id req="yes" status="add\edit" dt="numeric" fp="-4166" lookup="yes" expanded="no"&gt;&lt;/strategy_id&gt;<br>  &lt;/Strategy&gt;<br>&lt;/OrgStrategies&gt;<br>&lt;PlanOverviews Type="collection" Mode="Drop and Replace"&gt;<br>  &lt;Overview&gt;<br>    &lt;campaign_id req="no" status="read only" dt="numeric" fp="-4168" lookup="no" expanded="no"&gt;&lt;/campaign_id&gt;<br>    &lt;plan_id req="yes" status="add\edit" dt="numeric" fp="-4169" lookup="yes" expanded="no"&gt;&lt;/plan_id&gt;<br>  &lt;/Overview&gt;<br>&lt;/PlanOverviews&gt;<br>&lt;Regions Type="collection" Mode="Drop and Replace"&gt;<br>  &lt;Region&gt;<br>    &lt;campaign_id req="no" status="read only" dt="numeric" fp="-4173" lookup="no" expanded="no"&gt;&lt;/campaign_id&gt;<br>    &lt;region_id req="yes" status="add\edit" dt="numeric" fp="-4172" lookup="yes" expanded="no"&gt;&lt;/region_id&gt;<br>  &lt;/Region&gt; |

| Object Information | XML Data |
| --- | --- |
| | </Regions> |

**Projects**

| Object Information | XML Data |
| --- | --- |
| The project_id value is a primary key of the projects table.<br><br>The change_order value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br>The enable_alap value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br>The project_status value codes are:<br><br>• 1 = Draft<br>• 2 = In Process<br>• 3 = Paused<br>• 4 = Closed<br>• 5 = Canceled<br><br>The project_role_id value is a primary key of the project_roles table.<br><br>The user_role_id value is a foreign key reference to the user_role table.<br><br>The activity_id value is a foreign key reference to the activities table.<br><br>The project_mgr value is a foreign key reference to the user_group table.<br><br>The project_type_id value is a foreign key reference to the project_types table.<br><br>The timezone_id value is a foreign key reference to the timezones table.<br><br>The workflow_id value is a foreign key | &lt;RecordID id="project_id" req="yes" status="edit only" dt="numeric" fp="-11011" lookup="no" expanded="no"&gt;&lt;/RecordID&gt;<br>&lt;activity_id req="yes" status="add only" dt="numeric" fp="-11043" lookup="no" expanded="no"&gt;&lt;/activity_id&gt;<br>&lt;begin_date req="no" status="read only" dt="date" fp="-11050" lookup="no" expanded="no"&gt;&lt;/begin_date&gt;<br>&lt;change_order req="no" status="add\edit" dt="numeric" fp="-13957" lookup="yes" expanded="no"&gt;&lt;/change_order&gt;<br>&lt;description req="no" status="add\edit" dt="string" fp="-11045" lookup="no" expanded="no"&gt;&lt;/description&gt;<br>&lt;enable_alap req="no" status="add\edit" dt="numeric" fp="-14968" lookup="yes" expanded="no"&gt;&lt;/enable_alap&gt;<br>&lt;end_date req="no" status="read only" dt="date" fp="-11041" lookup="no" expanded="no"&gt;&lt;/end_date&gt;<br>&lt;modified_date req="no" status="read only" dt="date" fp="-11044" lookup="no" expanded="no"&gt;&lt;/modified_date&gt;<br>&lt;modified_user req="no" status="read only" dt="numeric" fp="-11047" lookup="yes" expanded="no"&gt;&lt;/modified_user&gt;<br>&lt;project_mgr req="yes" status="add\edit" dt="numeric" fp="-11051" lookup="yes" expanded="no"&gt;&lt;/project_mgr&gt;<br>&lt;project_status req="yes" status="edit only" dt="numeric" fp="-11049" lookup="yes" expanded="no"&gt;&lt;/project_status&gt;<br>&lt;project_type_id req="no" status="add\edit" dt="numeric" fp="-11046" lookup="yes" expanded="no"&gt;&lt;/project_type_id&gt;<br>&lt;timezone_id req="yes" status="add\edit" dt="numeric" fp="-11052" lookup="yes" expanded="no"&gt;&lt;/timezone_id&gt;<br>&lt;title req="yes" status="add\edit" dt="string" fp="-11042" lookup="no" expanded="no"&gt;&lt;/title&gt;<br>&lt;workflow_id req="no" status="add only" dt="numeric" fp="-11048" lookup="yes" expanded="no"&gt;&lt;/workflow_id&gt;<br>&lt;EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no"&gt;<br>   &lt;value lookup="Picklist - Enhanced, Multiple Selection"&gt;zero or more elements&lt;/value&gt;<br>&lt;/EXTVALUExxx&gt;<br>&lt;ProjectRoles Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4"&gt;<br>   &lt;ProjectRole&gt;<br>      &lt;project_role_id req="yes" status="edit only" dt="numeric" fp="-13219" lookup="no" expanded="no"&gt;&lt;/project_role_id&gt;<br>      &lt;project_id req="no" status="read only" dt="numeric" fp="-13220" lookup="no" expanded="no"&gt;&lt;/project_id&gt;<br>      &lt;user_role_id req="yes" status="add\edit" dt="numeric" fp="-13218" lookup="yes" expanded="no"&gt;&lt;/user_role_id&gt;<br>   &lt;/ProjectRole&gt;<br>&lt;/ProjectRoles&gt; |

| Object Information | XML Data |
|---|---|
| reference to the workflows table. | |

**Suppliers**

| Object Information | XML Data |
|---|---|
| The supplier_id value is a primary key of the suppliers table.<br><br>The Preferred (Master) value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br><br>The contact_id value is a primary key of the supplier_contacts table.<br><br>The pod_contact value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br><br>The scs_id value is a foreign key reference to the classification_schema table.<br><br>The user_id value is a foreign key reference to the user_group table.<br><br>The notification_type_id value is a foreign key reference to the notification_types table.<br><br>The service_id value is a foreign key reference to the service_types table. | `<RecordID id="supplier_id" req="yes" status="edit only" dt="numeric" fp="-1101" lookup="no" expanded="no"></RecordID>`<br><br>`<addr_1 req="no" status="add\edit" dt="string" fp="-1109" lookup="no" expanded="no"></addr_1>`<br><br>`<addr_2 req="no" status="add\edit" dt="string" fp="-1110" lookup="no" expanded="no"></addr_2>`<br><br>`<addr_3 req="no" status="add\edit" dt="string" fp="-1111" lookup="no" expanded="no"></addr_3>`<br><br>`<addr_city req="no" status="add\edit" dt="string" fp="-1112" lookup="no" expanded="no"></addr_city>`<br><br>`<addr_country req="no" status="add\edit" dt="string" fp="-1114" lookup="no" expanded="no"></addr_country>`<br><br>`<addr_state req="no" status="add\edit" dt="string" fp="-1113" lookup="no" expanded="no"></addr_state>`<br><br>`<addr_zip req="no" status="add\edit" dt="string" fp="-1115" lookup="no" expanded="no"></addr_zip>`<br><br>`<customer_number req="no" status="add\edit" dt="string" fp="-1104" lookup="no" expanded="no"></customer_number>`<br><br>`<description req="no" status="add\edit" dt="string" fp="-1117" lookup="no" expanded="no"></description>`<br><br>`<email req="no" status="add\edit" dt="string" fp="-1107" lookup="no" expanded="no"></email>`<br><br>`<fax req="no" status="add\edit" dt="string" fp="-1106" lookup="no" expanded="no"></fax>`<br><br>`<modified_date req="no" status="read only" dt="date" fp="-1119" lookup="no" expanded="no"></modified_date>`<br><br>`<modified_user req="no" status="read only" dt="numeric" fp="-1118" lookup="yes" expanded="no"></modified_user>`<br><br>`<name req="yes" status="add\edit" dt="string" fp="-1102" lookup="no" expanded="no"></name>`<br><br>`<notification_type_id req="yes" status="add\edit" dt="numeric" fp="-1103" lookup="yes" expanded="no"></notification_type_id>`<br><br>`<phone req="no" status="add\edit" dt="string" fp="-1105" lookup="no" expanded="no"></phone>`<br><br>`<preferred req="yes" status="add\edit" dt="numeric" fp="-1116" lookup="yes" expanded="no"></preferred>`<br><br>`<service_id req="no" status="add\edit" dt="numeric" fp="-6179" lookup="yes" expanded="no"></service_id>`<br><br>`<url req="no" status="add\edit" dt="string" fp="-1108" lookup="no" expanded="no"></url>`<br><br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br><br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br><br>`</EXTVALUExxx>`<br><br>`<Contacts Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br><br>`    <Contact>`<br><br>`        <contact_id req="yes" status="edit only" dt="numeric" fp="-2036" lookup="no" expanded="no"></contact_id>` |

| Object Information | XML Data |
|---|---|
| | &lt;address req="no" status="add\edit" dt="string" fp="-1125" lookup="no" expanded="no"&gt;&lt;/address&gt;<br>&lt;email req="no" status="add\edit" dt="string" fp="-2040" lookup="no" expanded="no"&gt;&lt;/email&gt;<br>&lt;fax req="no" status="add\edit" dt="string" fp="-2039" lookup="no" expanded="no"&gt;&lt;/fax&gt;<br>&lt;first_name req="no" status="add\edit" dt="string" fp="-3277" lookup="no" expanded="no"&gt;&lt;/first_name&gt;<br>&lt;last_name req="yes" status="add\edit" dt="string" fp="-3278" lookup="no" expanded="no"&gt;&lt;/last_name&gt;<br>&lt;location_code req="no" status="add\edit" dt="string" fp="-15541" lookup="no" expanded="no"&gt;&lt;/location_code&gt;<br>&lt;notes req="no" status="add\edit" dt="string" fp="-1126" lookup="no" expanded="no"&gt;&lt;/notes&gt;<br>&lt;phone req="no" status="add\edit" dt="string" fp="-2038" lookup="no" expanded="no"&gt;&lt;/phone&gt;<br>&lt;pod_contact req="no" status="add\edit" dt="numeric" fp="-10049" lookup="yes" expanded="no"&gt;&lt;/pod_contact&gt;<br>&lt;supplier_id req="no" status="read only" dt="numeric" fp="-1120" lookup="no" expanded="no"&gt;&lt;/supplier_id&gt;<br>  &lt;/Contact&gt;<br>&lt;/Contacts&gt;<br>&lt;Domains Type="collection" Mode="Drop and Replace"&gt;<br>  &lt;Domain&gt;<br>    &lt;scs_id req="yes" status="add\edit" dt="numeric" fp="-3206" lookup="yes" expanded="no"&gt;&lt;/scs_id&gt;<br>    &lt;supplier_id req="no" status="read only" dt="numeric" fp="-3207" lookup="no" expanded="no"&gt;&lt;/supplier_id&gt;<br>  &lt;/Domain&gt;<br>&lt;/Domains&gt;<br>&lt;FinanceGroups Type="collection" Mode="Drop and Replace"&gt;<br>  &lt;Group&gt;<br>    &lt;supplier_id req="no" status="read only" dt="numeric" fp="-15727" lookup="no" expanded="no"&gt;&lt;/supplier_id&gt;<br>    &lt;user_id req="yes" status="add\edit" dt="numeric" fp="-15728" lookup="yes" expanded="no"&gt;&lt;/user_id&gt;<br>  &lt;/Group&gt;<br>&lt;/FinanceGroups&gt; |

**Tasks**

| Object Information | XML Data |
|---|---|
| The task_id value is a primary key of the wf_tasks table.<br>The Auto Close value codes are:<br>• 0 = No | &lt;RecordID id="task_id" req="yes" status="edit only" dt="numeric" fp="-11178" lookup="no" expanded="no"&gt;&lt;/RecordID&gt;<br>&lt;acceptance_date req="no" status="read only" dt="date" fp="-13305" lookup="no" expanded="no"&gt;&lt;/acceptance_date&gt;<br>&lt;actual_duration req="no" status="read only" dt="numeric" fp="-11199" lookup="no" expanded="no"&gt;&lt;/actual_duration&gt; |

| Object Information | XML Data |
|---|---|
| • 1 = Yes<br>• 2 = Yes, Milestone<br><br>The can_close (task) value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br>The Can Skip value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br>The escalation_interval value codes are:<br><br>• -7 = End Date - 7 days<br>• -6 = End Date - 6 days<br>• -5 = End Date - 5 days<br>• -4 = End Date - 4 days<br>• -3 = End Date - 3 days<br>• -2 = End Date - 2 days<br>• -1 = End Date - 1 day<br>• 0 = End Date<br>• 1 = End Date + 1 day<br>• 2 = End Date + 2 days<br>• 3 = End Date + 3 days<br>• 4 = End Date + 4 days<br>• 5 = End Date + 5 days<br>• 6 = End Date + 6 days<br>• 7 = End Date + 7 days<br><br>The escalation_target value codes are:<br><br>• 1 = Assignees<br>• 2 = Project Manager<br>• 3 = Assignees & Project Manager<br><br>The On Execution Path value codes are:<br><br>• 1 = Yes<br>• 0 = No | <auto_close req="yes" status="add\edit" dt="numeric" fp="-11196" lookup="yes" expanded="no"></auto_close><br><br><baseline_begin_date req="no" status="add\edit" dt="date" fp="-13304" lookup="no" expanded="no"></baseline_begin_date><br><br><baseline_end_date req="no" status="add\edit" dt="date" fp="-13303" lookup="no" expanded="no"></baseline_end_date><br><br><begin_date req="no" status="add\edit" dt="date" fp="-13437" lookup="no" expanded="no"></begin_date><br><br><can_close req="yes" status="read only" dt="numeric" fp="-11190" lookup="yes" expanded="no"></can_close><br><br><can_skip req="yes" status="add\edit" dt="numeric" fp="-11201" lookup="yes" expanded="no"></can_skip><br><br><description req="no" status="add\edit" dt="string" fp="-11195" lookup="no" expanded="no"></description><br><br><end_date req="no" status="add\edit" dt="date" fp="-13438" lookup="no" expanded="no"></end_date><br><br><entered_est_dur_day req="no" status="add\edit" dt="numeric" fp="-12084" lookup="no" expanded="no"></entered_est_dur_day><br><br><entered_est_dur_hour req="no" status="add\edit" dt="numeric" fp="-12082" lookup="no" expanded="no"></entered_est_dur_hour><br><br><entered_est_dur_min req="no" status="add\edit" dt="numeric" fp="-12083" lookup="no" expanded="no"></entered_est_dur_min><br><br><entered_est_work_day req="no" status="read only" dt="numeric" fp="-13236" lookup="no" expanded="no"></entered_est_work_day><br><br><entered_est_work_hour req="no" status="read only" dt="numeric" fp="-13241" lookup="no" expanded="no"></entered_est_work_hour><br><br><entered_est_work_min req="no" status="read only" dt="numeric" fp="-13237" lookup="no" expanded="no"></entered_est_work_min><br><br><entered_reminder_int_day req="no" status="add\edit" dt="numeric" fp="-13239" lookup="no" expanded="no"></entered_reminder_int_day><br><br><entered_reminder_int_hour req="no" status="add\edit" dt="numeric" fp="-13240" lookup="no" expanded="no"></entered_reminder_int_hour><br><br><entered_reminder_int_min req="no" status="add\edit" dt="numeric" fp="-13238" lookup="no" expanded="no"></entered_reminder_int_min><br><br><escalation_date req="no" status="add\edit" dt="date" fp="-11205" lookup="no" expanded="no"></escalation_date><br><br><escalation_interval req="no" status="add\edit" dt="numeric" fp="-11177" lookup="yes" expanded="no"></escalation_interval><br><br><escalation_target req="no" status="add\edit" dt="numeric" fp="-11208" lookup="yes" expanded="no"></escalation_target><br><br><estimated_duration req="no" status="read only" dt="numeric" fp="-11174" lookup="no" expanded="no"></estimated_duration><br><br><estimated_effort req="no" status="add\edit" dt="numeric" fp="-11184" lookup="no" expanded="no"></estimated_effort><br><br><estimated_work req="no" status="read only" dt="numeric" fp="-11170" lookup="no" expanded="no"></estimated_work><br><br><gantt_index req="no" status="read only" dt="numeric" fp="-11164" lookup="no" expanded="no"></gantt_index><br><br><lock_start req="no" status="add\edit" dt="numeric" fp="-13647" lookup="no" expanded="no"></lock_start><br><br><modified_date req="no" status="read only" dt="date" fp="-11165" lookup="no" expanded="no"></modified_date><br><br><modified_user req="no" status="read only" dt="numeric" fp="-11207" lookup="yes" expanded="no"></modified_user><br><br><name req="yes" status="add\edit" dt="string" fp="-11203" lookup="no" expanded="no"></name><br><br><next_reminder_date req="no" status="read only" dt="date" fp="-11197" lookup="no" expanded="no"></next_reminder_date><br><br><on_execution_path req="yes" status="read only" dt="numeric" fp="-11192" lookup="yes" expanded="no"></on_execution_path><br><br><project_id req="yes" status="read only" dt="numeric" fp="-11186" lookup="no" expanded="no"></project_id><br><br><reminder_begin req="no" status="add\edit" dt="numeric" fp="-11175" lookup="yes" expanded="no"></reminder_begin> |

| Object Information | XML Data |
|---|---|
| The reminder_begin value codes are:<br><br>• -7 = End Date - 7 days<br>• -6 = End Date - 6 days<br>• -5 = End Date - 5 days<br>• -4 = End Date - 4 days<br>• -3 = End Date - 3 days<br>• -2 = End Date - 2 days<br>• -1 = End Date - 1 day<br>• 0 = End Date<br>• 1 = End Date + 1 day<br>• 2 = End Date + 2 days<br>• 3 = End Date + 3 days<br>• 4 = End Date + 4 days<br>• 5 = End Date + 5 days<br>• 6 = End Date + 6 days<br>• 7 = End Date + 7 days<br><br>The reminder_target value codes are:<br><br>• 1 = Assignees<br>• 2 = Project Manager<br>• 3 = Assignees & Project Manager<br><br>The Start Type value codes are:<br><br>• 1 = As Soon As Possible<br>• 5 = As Late As Possible<br>• 2 = Fixed Begin<br>• 3 = Fixed End<br>• 4 = Start No Earlier Than<br>• 6 = Start No Later Than<br><br>The Task Status value codes are:<br><br>• 1 = Draft<br>• 2 = Projected<br>• 3 = Pending<br>• 4 = Projected<br>• 5 = In Process<br>• 6 = Declined | `<reminder_interval req="no" status="read only" dt="numeric" fp="-11191" lookup="no" expanded="no"></reminder_interval>`<br>`<reminder_target req="no" status="add\edit" dt="numeric" fp="-11206" lookup="yes" expanded="no"></reminder_target>`<br>`<ru_actual_begin_date req="no" status="read only" dt="date" fp="-11198" lookup="no" expanded="no"></ru_actual_begin_date>`<br>`<ru_actual_duration req="no" status="read only" dt="numeric" fp="-11169" lookup="no" expanded="no"></ru_actual_duration>`<br>`<ru_actual_end_date req="no" status="read only" dt="date" fp="-11193" lookup="no" expanded="no"></ru_actual_end_date>`<br>`<ru_actual_work req="no" status="read only" dt="numeric" fp="-11185" lookup="no" expanded="no"></ru_actual_work>`<br>`<start_type req="yes" status="add\edit" dt="numeric" fp="-11188" lookup="yes" expanded="no"></start_type>`<br>`<step_type_id req="yes" status="read only" dt="numeric" fp="-11189" lookup="no" expanded="no"></step_type_id>`<br>`<task_status req="yes" status="edit only" dt="numeric" fp="-11180" lookup="yes" expanded="no"></task_status>`<br>`<type_id req="yes" status="add\edit" dt="numeric" fp="-11176" lookup="no" expanded="no"></type_id>`<br>`<visible_to_calendar req="yes" status="add\edit" dt="numeric" fp="-11181" lookup="yes" expanded="no"></visible_to_calendar>`<br>`<vote_result req="no" status="read only" dt="numeric" fp="-11194" lookup="yes" expanded="no"></vote_result>`<br>`<vote_style req="no" status="add\edit" dt="numeric" fp="-11183" lookup="yes" expanded="no"></vote_style>`<br>`<work_entry req="no" status="add\edit" dt="numeric" fp="-11168" lookup="yes" expanded="no"></work_entry>`<br>`<work_group_action_id req="no" status="add\edit" dt="numeric" fp="-12173" lookup="yes" expanded="no"></work_group_action_id>`<br>`<work_schedule_id req="yes" status="add\edit" dt="numeric" fp="-11171" lookup="no" expanded="no"></work_schedule_id>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<ApproveNotifications Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <ApproveNotification>`<br>`        <task_approve_notif_id req="yes" status="edit only" dt="numeric" fp="-13270" lookup="no" expanded="no"></task_approve_notif_id>`<br>`        <task_id req="no" status="read only" dt="numeric" fp="-13268" lookup="no" expanded="no"></task_id>`<br>`        <user_id req="no" status="add\edit" dt="numeric" fp="-13271" lookup="yes" expanded="no"></user_id>`<br>`        <user_role_id req="no" status="add\edit" dt="numeric" fp="-13269" lookup="yes" expanded="no"></user_role_id>`<br>`        <user_token_id req="no" status="add\edit" dt="numeric" fp="-13267" lookup="yes" expanded="no"></user_token_id>`<br>`    </ApproveNotification>`<br>`</ApproveNotifications>`<br>`<RejectNotifications Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <RejectNotification>`<br>`        <task_reject_notif_id req="yes" status="edit only" dt="numeric" fp="-13274" lookup="no" expanded="no"></task_reject_notif_id>`<br>`        <task_id req="no" status="read only" dt="numeric" fp="-13276" lookup="no" expanded="no"></task_id>` |

| Object Information | XML Data |
|---|---|
| • 7 = Closed<br>• 8 = Cancelled<br>• 9 = Skipped<br><br>The Visible To Calendar value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The Rollup Vote Result value codes are:<br>• 0 = Undecided<br>• 1 = Approved<br>• 2 = Approved with Changes<br>• 3 = Rejected<br><br>The Vote Style value codes are:<br>• 1 = Consensus<br>• 2 = Majority<br>• 3 = Sequential<br>• 4 = Single<br><br>The work_entry value codes are:<br>• 1 = Show<br>• 2 = Require<br><br>The work_group_action_id_Lookup value codes are:<br>• 3 = All Must Close<br>• 2 = Any May Close<br>• 1 = One Must Close<br><br>The task_approve_notif_id value is a primary key of the wf_task_approve_notif table.<br>The user_token_id value codes are:<br>• 1 = <<Activity Administrator>><br>• 2 = <<Activity Owner>> | ``<user_id req="no" status="add\edit" dt="numeric" fp="-13273" lookup="yes" expanded="no"></user_id>``<br><br>``<user_role_id req="no" status="add\edit" dt="numeric" fp="-13272" lookup="yes" expanded="no"></user_role_id>``<br><br>``<user_token_id req="no" status="add\edit" dt="numeric" fp="-13275" lookup="yes" expanded="no"></user_token_id>``<br><br>``</RejectNotification>``<br>``</RejectNotifications>``<br>``<TaskAssignees Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">``<br>``<Assignee>``<br>``<assignee_id req="yes" status="edit only" dt="numeric" fp="-11246" lookup="no" expanded="no"></assignee_id>``<br><br>``<actual_begin_date req="no" status="add\edit" dt="date" fp="-11258" lookup="no" expanded="no"></actual_begin_date>``<br><br>``<actual_end_date req="no" status="add\edit" dt="date" fp="-11254" lookup="no" expanded="no"></actual_end_date>``<br><br>``<actual_work req="no" status="read only" dt="numeric" fp="-11252" lookup="no" expanded="no"></actual_work>``<br><br>``<can_close req="yes" status="add\edit" dt="numeric" fp="-12235" lookup="no" expanded="no"></can_close>``<br><br>``<comments req="no" status="add\edit" dt="string" fp="-12885" lookup="no" expanded="no"></comments>``<br><br>``<entered_act_work_day req="no" status="add\edit" dt="numeric" fp="-12234" lookup="no" expanded="no"></entered_act_work_day>``<br><br>``<entered_act_work_hour req="no" status="add\edit" dt="numeric" fp="-12240" lookup="no" expanded="no"></entered_act_work_hour>``<br><br>``<entered_act_work_min req="no" status="add\edit" dt="numeric" fp="-12241" lookup="no" expanded="no"></entered_act_work_min>``<br><br>``<entered_est_work_day req="no" status="add\edit" dt="numeric" fp="-12238" lookup="no" expanded="no"></entered_est_work_day>``<br><br>``<entered_est_work_hour req="no" status="add\edit" dt="numeric" fp="-12239" lookup="no" expanded="no"></entered_est_work_hour>``<br><br>``<entered_est_work_min req="no" status="add\edit" dt="numeric" fp="-12236" lookup="no" expanded="no"></entered_est_work_min>``<br><br>``<estimated_effort req="no" status="read only" dt="numeric" fp="-11256" lookup="no" expanded="no"></estimated_effort>``<br><br>``<estimated_work req="no" status="read only" dt="numeric" fp="-11250" lookup="no" expanded="no"></estimated_work>``<br><br>``<reject_id req="no" status="add\edit" dt="numeric" fp="-12884" lookup="yes" expanded="no"></reject_id>``<br><br>``<sequence req="no" status="add\edit" dt="numeric" fp="-11248" lookup="no" expanded="no"></sequence>``<br><br>``<task_id req="no" status="read only" dt="numeric" fp="-11253" lookup="no" expanded="no"></task_id>``<br><br>``<user_id req="no" status="add\edit" dt="numeric" fp="-11249" lookup="yes" expanded="no"></user_id>``<br><br>``<vote_result req="no" status="add\edit" dt="numeric" fp="-12237" lookup="yes" expanded="no"></vote_result>``<br><br>``<work_status req="yes" status="add\edit" dt="numeric" fp="-11257" lookup="yes" expanded="no"></work_status>``<br><br>``</Assignee>``<br>``</TaskAssignees>``<br>``<TaskChecklists Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">``<br>``<TaskChecklist>``<br>``<task_cklist_id req="yes" status="edit only" dt="numeric" fp="-14899" lookup="no" expanded="no"></task_cklist_id>`` |

| Object Information | XML Data |
|---|---|
| • 3 = <<Controlling Account Owner>><br>• 4 = <<Project Manager>><br><br>The user_id value is a foreign key reference to the user_group table.<br><br>The user_role_id value is a foreign key reference to the user_role table.<br><br>The task_reject_notif_id value is a primary key of the wf_task_reject_notif table.<br><br>The user_token_id value codes are:<br>• 1 = <<Activity Administrator>><br>• 2 = <<Activity Owner>><br>• 3 = <<Controlling Account Owner>><br>• 4 = <<Project Manager>><br><br>The user_id value is a foreign key reference to the user_group table.<br><br>The user_role_id value is a foreign key reference to the user_role table.<br><br>The assignee_id value is a primary key of the wf_task_assignees table.<br><br>The vote_result value codes are:<br>• 1 = Approved<br>• 2 = Approved with changes<br>• 0 = Not yet Voted<br>• 3 = Rejected<br><br>The work_status value codes are:<br>• 2 = Projected<br>• 3 = Pending<br>• 4 = Assigned<br>• 5 = In Process<br>• 6 = Declined<br>• 7 = Closed | `<checklist_id req="yes" status="add\edit" dt="numeric" fp="-14180" lookup="yes" expanded="no"></checklist_id>`<br>  `<task_id req="no" status="read only" dt="numeric" fp="-14900" lookup="no" expanded="no"></task_id>`<br>`</TaskChecklist>`<br>`</TaskChecklists>`<br>`<TaskDCTs Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>  `<TaskDCT>`<br>    `<task_dct_id req="yes" status="edit only" dt="numeric" fp="-14904" lookup="no" expanded="no"></task_dct_id>`<br>    `<collection_template_id req="yes" status="add\edit" dt="numeric" fp="-14906" lookup="yes" expanded="no"></collection_template_id>`<br>    `<task_id req="no" status="read only" dt="numeric" fp="-14905" lookup="no" expanded="no"></task_id>`<br>  `</TaskDCT>`<br>`</TaskDCTs>`<br>`<TaskPredecessors Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>  `<Predecessor>`<br>    `<task_id req="no" status="edit only" dt="numeric" fp="-12101" lookup="no" expanded="no"></task_id>`<br>    `<pred_task_id req="yes" status="add\edit" dt="numeric" fp="-12112" lookup="yes" expanded="no"></pred_task_id>`<br>  `</Predecessor>`<br>`</TaskPredecessors>`<br>`<TaskRequiredDocuments Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>  `<RequiredDocument>`<br>    `<task_doc_id req="yes" status="edit only" dt="numeric" fp="-12693" lookup="no" expanded="no"></task_doc_id>`<br>    `<asset_id req="no" status="add\edit" dt="numeric" fp="-13157" lookup="no" expanded="no"></asset_id>`<br>    `<asset_type_id req="no" status="add\edit" dt="numeric" fp="-12695" lookup="no" expanded="no"></asset_type_id>`<br>    `<attachment_id req="no" status="add\edit" dt="numeric" fp="-13158" lookup="no" expanded="no"></attachment_id>`<br>    `<attachment_type_id req="no" status="add\edit" dt="numeric" fp="-12696" lookup="no" expanded="no"></attachment_type_id>`<br>    `<category_id req="no" status="add only" dt="numeric" fp="-12692" lookup="no" expanded="no"></category_id>`<br>    `<document_type req="yes" status="add only" dt="numeric" fp="-12944" lookup="yes" expanded="no"></document_type>`<br>    `<encoded_title_id req="no" status="read only" dt="numeric" fp="-12942" lookup="no" expanded="no"></encoded_title_id>`<br>    `<more_than_one_req req="yes" status="add\edit" dt="numeric" fp="-12694" lookup="no" expanded="no"></more_than_one_req>`<br>    `<project_visibility req="no" status="add\edit" dt="numeric" fp="-12943" lookup="no" expanded="no"></project_visibility>`<br>    `<task_id req="no" status="read only" dt="numeric" fp="-12691" lookup="no" expanded="no"></task_id>`<br>    `<version_id req="no" status="add\edit" dt="numeric" fp="-13159" lookup="no" expanded="no"></version_id>`<br>  `</RequiredDocument>` |

| Object Information | XML Data |
|---|---|
| The user_id value is a foreign key reference to the user_group table.<br><br>The task_cklist_id value is a primary key of the wf_task_cklist table.<br><br>The checklist_id value is a foreign key reference to the workflow_checklist table.<br><br>The task_dct_id value is a primary key of the wf_task_dct table.<br><br>The collection_template_id value is a foreign key reference to the data_collection_templates table.<br><br>The task_id value is a primary key of the wf_task_predecessors table.<br><br>The task_doc_id value is a primary key of the wf_task_req_docs table.<br><br>The document_type value codes are:<br><br>&bull; 3 = Attachment<br>&bull; 2 = By Type<br>&bull; 4 = Digital Asset<br>&bull; 5 = Upload<br>&bull; 1 = Use Predecessors<br><br>The asset_id value is a foreign key reference to the assets table.<br><br>The asset_type_id value is a foreign key reference to the asset_types table.<br><br>The attachment_id value is a foreign key reference to the attachments table.<br><br>The attachment_type_id value is a foreign key reference to the attachment_types table.<br><br>The encoded_title_id value is a foreign key reference to the encoded_titles table.<br><br>The task_role_id value is a primary key of the wf_task_roles table.<br><br>The user_token_id value codes are:<br><br>&bull; 1 = <<Activity Administrator>><br>&bull; 2 = <<Activity Owner>> | `</TaskRequiredDocuments>`<br>`<TaskRoles Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>   `<TaskRole>`<br>      `<task_role_id req="yes" status="edit only" dt="numeric" fp="-12637" lookup="no" expanded="no"></task_role_id>`<br>      `<entered_est_work_day req="no" status="add\edit" dt="numeric" fp="-12913" lookup="no" expanded="no"></entered_est_work_day>`<br>      `<entered_est_work_hour req="no" status="add\edit" dt="numeric" fp="-12912" lookup="no" expanded="no"></entered_est_work_hour>`<br>      `<entered_est_work_min req="no" status="add\edit" dt="numeric" fp="-12916" lookup="no" expanded="no"></entered_est_work_min>`<br>      `<estimated_work req="no" status="read only" dt="numeric" fp="-12638" lookup="no" expanded="no"></estimated_work>`<br>      `<role_id req="no" status="add\edit" dt="numeric" fp="-12639" lookup="yes" expanded="no"></role_id>`<br>      `<sequence req="no" status="add\edit" dt="numeric" fp="-12640" lookup="no" expanded="no"></sequence>`<br>      `<task_id req="no" status="read only" dt="numeric" fp="-12636" lookup="no" expanded="no"></task_id>`<br>      `<user_id req="no" status="add\edit" dt="numeric" fp="-12914" lookup="yes" expanded="no"></user_id>`<br>      `<user_token_id req="no" status="add\edit" dt="numeric" fp="-12915" lookup="yes" expanded="no"></user_token_id>`<br>   `</TaskRole>`<br>`</TaskRoles>`<br>`<TaskSupportingDocuments Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>   `<SupportingDocument>`<br>      `<support_doc_id req="yes" status="edit only" dt="numeric" fp="-12701" lookup="no" expanded="no"></support_doc_id>`<br>      `<asset_id req="no" status="add\edit" dt="numeric" fp="-13151" lookup="yes" expanded="no"></asset_id>`<br>      `<asset_type_id req="no" status="add\edit" dt="numeric" fp="-12700" lookup="yes" expanded="no"></asset_type_id>`<br>      `<attachment_id req="no" status="add\edit" dt="numeric" fp="-13149" lookup="yes" expanded="no"></attachment_id>`<br>      `<attachment_type_id req="no" status="add\edit" dt="numeric" fp="-12698" lookup="yes" expanded="no"></attachment_type_id>`<br>      `<category_id req="no" status="add only" dt="numeric" fp="-12699" lookup="no" expanded="no"></category_id>`<br>      `<document_type req="yes" status="add only" dt="numeric" fp="-13150" lookup="yes" expanded="no"></document_type>`<br>      `<task_id req="no" status="read only" dt="numeric" fp="-12697" lookup="no" expanded="no"></task_id>`<br>      `<version_id req="no" status="add\edit" dt="numeric" fp="-13148" lookup="no" expanded="no"></version_id>`<br>   `</SupportingDocument>`<br>`</TaskSupportingDocuments>`<br>`<WorkItems Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>   `<WorkItem>`<br>      `<work_item_id req="no" status="read only" dt="numeric" fp="-14870" lookup="no" expanded="no"></work_item_id>`<br>      `<assignee_id req="no" status="read only" dt="numeric" fp="-14871" lookup="no" expanded="no"></assignee_id>` |

| Object Information | XML Data |
|---|---|
| • 3 = <<Controlling Account Owner>><br>• 4 = <<Project Manager>><br><br>The role_id value is a foreign key reference to the user_role table.<br>The user_id value is a foreign key reference to the user_group table.<br>The support_doc_id value is a primary key of the wf_task_supported_docs table.<br>The document_type value codes are:<br>• 3 = Attachment<br>• 2 = By Type<br>• 4 = Digital Asset<br>• 5 = Upload<br>• 1 = Use Predecessors<br><br>The asset_id value is a foreign key reference to the assets table.<br>The asset_type_id value is a foreign key reference to the asset_types table.<br>The attachment_id value is a foreign key reference to the attachments table.<br>The attachment_type_id value is a foreign key reference to the attachment_types table.<br>The work_item_id value is a primary key of the wf_task_work_items table.<br>The assignee_id value is a foreign key reference to the wf_task_assignees table.<br>The checklist_item_id value is a foreign key reference to the workflow_checklist_item table.<br>The project_id value is a foreign key reference to the projects table.<br>The step_type_id value is a foreign key reference to the workflow_step_types table. | <check_value req="no" status="read only" dt="numeric" fp="-14872" lookup="no" expanded="no"></check_value><br><checklist_item_id req="yes" status="add\edit" dt="numeric" fp="-12581" lookup="no" expanded="no"></checklist_item_id><br><completed_by req="no" status="add\edit" dt="numeric" fp="-12580" lookup="yes" expanded="no"></completed_by><br><task_id req="no" status="read only" dt="numeric" fp="-12582" lookup="no" expanded="no"></task_id><br>　</WorkItem><br></WorkItems> |

| Object Information | XML Data |
|---|---|
| The work_schedule_id value is a foreign key reference to the work_schedules table. | |

**Treatments**

| Object Information | XML Data |
|---|---|
| The treatment_id value is a primary key of the treatments table.<br><br>The active_flag value codes are:<br>• 1 = Active<br>• 0 = Inactive<br><br>The activity_specific value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The treatment_id value is a primary key of the treatment_assets table.<br><br>The asset_id value is a primary key of the treatment_assets table.<br><br>The asset_id value is a foreign key reference to the assets table.<br><br>The treatment_cost_type_id value is a primary key of the treatment_costs table.<br><br>The treatment_cost_type_id value is a foreign key reference to the treatment_cost_types table.<br><br>The channel_id value is a foreign key reference to the channels table.<br><br>The currency_code value is a foreign key reference to the currency_codes table.<br><br>The scs_id value is a foreign key reference to the classification_schema table.<br><br>The type_id value is a foreign key reference to the treatment_types table. | `<RecordID id="treatment_id" req="yes" status="edit only" dt="numeric" fp="-9722" lookup="no" expanded="no"></RecordID>`<br>`<active_flag req="yes" status="add\edit" dt="numeric" fp="-14197" lookup="yes" expanded="no"></active_flag>`<br>`<activity_specific req="no" status="read only" dt="numeric" fp="-14201" lookup="yes" expanded="no"></activity_specific>`<br>`<channel_id req="no" status="add\edit" dt="numeric" fp="-11066" lookup="yes" expanded="no"></channel_id>`<br>`<currency_code req="yes" status="add\edit" dt="numeric" fp="-14200" lookup="yes" expanded="no"></currency_code>`<br>`<description req="no" status="add\edit" dt="string" fp="-9755" lookup="no" expanded="no"></description>`<br>`<modified_date req="no" status="read only" dt="date" fp="-14198" lookup="no" expanded="no"></modified_date>`<br>`<modified_user req="no" status="read only" dt="numeric" fp="-14199" lookup="yes" expanded="no"></modified_user>`<br>`<scs_id req="yes" status="add only" dt="numeric" fp="-14196" lookup="yes" expanded="no"></scs_id>`<br>`<title req="yes" status="add\edit" dt="string" fp="-9723" lookup="no" expanded="no"></title>`<br>`<treatment_code req="no" status="add\edit" dt="string" fp="-9721" lookup="no" expanded="no"></treatment_code>`<br>`<type_id req="no" status="add\edit" dt="numeric" fp="-9720" lookup="yes" expanded="no"></type_id>`<br>`<EXTVALUExxx req="user defined" status="add\edit" dt="user defined" fp="xxx" lookup="no"expand="no">`<br>`    <value lookup="Picklist - Enhanced, Multiple Selection">zero or more elements</value>`<br>`</EXTVALUExxx>`<br>`<TreatmentAssets Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <TreatmentAsset>`<br>`        <treatment_id req="no" status="add\edit" dt="numeric" fp="-9751" lookup="yes" expanded="no"></treatment_id>`<br>`        <asset_id req="yes" status="add\edit" dt="numeric" fp="-9752" lookup="yes" expanded="no"></asset_id>`<br>`    </TreatmentAsset>`<br>`</TreatmentAssets>`<br>`<TreatmentCosts Type="collection" Mode="Add\Edit\Delete" ActionID="1\2\4">`<br>`    <TreatmentCost>`<br>`        <treatment_cost_type_id req="yes" status="add\edit" dt="numeric" fp="-14204" lookup="yes" expanded="no"></treatment_cost_type_id>` |

| Object Information | XML Data |
|---|---|
|  | <actual_cost req="no" status="add\edit" dt="numeric" fp="-14209" lookup="no" expanded="no"></actual_cost> |
|  | <actual_cost_base req="no" status="read only" dt="numeric" fp="-14207" lookup="no" expanded="no"></actual_cost_base> |
|  | <estimated_cost req="no" status="add\edit" dt="numeric" fp="-14202" lookup="no" expanded="no"></estimated_cost> |
|  | <estimated_cost_base req="no" status="read only" dt="numeric" fp="-14206" lookup="no" expanded="no"></estimated_cost_base> |
|  | <treatment_id req="no" status="edit only" dt="numeric" fp="-14208" lookup="no" expanded="no"></treatment_id> |
|  | </TreatmentCost> |
|  | </TreatmentCosts> |

**User Roles**

| Object Information | XML Data |
|---|---|
| The role_id value is a primary key of the user_role table.<br><br>The active_flag value codes are:<br>• 1 = Active<br>• 0 = Inactive<br><br>The Used in annotations value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The user_id value is a foreign key reference to the user_group table.<br>The currency_code value is a foreign key reference to the currency_codes table. | < RecordID id="role_id" req="yes" status="edit only" dt="numeric" fp="-10827" lookup="no" expanded="no"></RecordID><br><active_flag req="yes" status="add\edit" dt="numeric" fp="-10824" lookup="yes" expanded="no"></active_flag><br><color req="no" status="add\edit" dt="string" fp="-10914" lookup="no" expanded="no"></color><br><currency_code req="yes" status="add\edit" dt="numeric" fp="-11081" lookup="yes" expanded="no"></currency_code><br><description req="no" status="add\edit" dt="string" fp="-10829" lookup="no" expanded="no"></description><br><labor_rate_base req="no" status="add\edit" dt="numeric" fp="-11083" lookup="no" expanded="no"></labor_rate_base><br><labor_rate_entered req="no" status="add\edit" dt="numeric" fp="-11084" lookup="no" expanded="no"></labor_rate_entered><br><modified_date req="no" status="read only" dt="date" fp="-10828" lookup="no" expanded="no"></modified_date><br><modified_user req="no" status="read only" dt="numeric" fp="-10825" lookup="yes" expanded="no"></modified_user><br><name req="yes" status="add\edit" dt="string" fp="-10826" lookup="no" expanded="no"></name><br><used_in_annotations req="yes" status="add\edit" dt="numeric" fp="-12028" lookup="yes" expanded="no"></used_in_annotations><br><RoleMembers Type="collection" Mode="Drop and Replace"><br>  <RoleMember><br>    <role_id req="yes" status="add\edit" dt="numeric" fp="-10834" lookup="yes" expanded="no"></role_id><br>    <user_id req="yes" status="add\edit" dt="numeric" fp="-10836" lookup="yes" expanded="no"></user_id><br>  </RoleMember><br></RoleMembers> |

**Users**

| Object Information | XML Data |
|---|---|
| The user_id value is a primary key of the user_group table.<br><br>The Active Flag value codes are:<br>• 1 = Active<br>• 0 = Inactive<br><br>The Ad hoc user value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The Application User value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The auto save value codes are:<br>• 1 = Yes<br>• 0 = No<br><br>The First Page Preference value codes are:<br>• 0 = Splash Screen<br>• 1 = Strategic Planner<br>• 2 = Financial Manager<br>• 4 = Event Manager<br>• 5 = Direct Marketer<br>• 6 = Lead Manager<br>• 7 = Web Response Manager<br>• 8 = Production Manager<br>• 9 = Analysis<br>• 10 = System Administration<br>• 12 = My Reviews<br>• 13 = My Tasks<br>• 23 = Dashboard<br>• 24 = My Aprimo | `<RecordID id="user_id" req="yes" status="edit only" dt="numeric" fp="-882" lookup="no" expanded="no"></RecordID>`<br>`<active_flag req="yes" status="add\edit" dt="numeric" fp="-900" lookup="yes" expanded="no"></active_flag>`<br>`<ad_hoc_login req="no" status="add\edit" dt="string" fp="-5979" lookup="no" expanded="no"></ad_hoc_login>`<br>`<ad_hoc_user req="yes" status="add\edit" dt="numeric" fp="-5978" lookup="yes" expanded="no"></ad_hoc_user>`<br>`<addr_1 req="no" status="add\edit" dt="string" fp="-2800" lookup="no" expanded="no"></addr_1>`<br>`<addr_2 req="no" status="add\edit" dt="string" fp="-2801" lookup="no" expanded="no"></addr_2>`<br>`<addr_3 req="no" status="add\edit" dt="string" fp="-2802" lookup="no" expanded="no"></addr_3>`<br>`<addr_city req="no" status="add\edit" dt="string" fp="-2803" lookup="no" expanded="no"></addr_city>`<br>`<addr_country req="no" status="add\edit" dt="string" fp="-2806" lookup="no" expanded="no"></addr_country>`<br>`<addr_state req="no" status="add\edit" dt="string" fp="-2804" lookup="no" expanded="no"></addr_state>`<br>`<addr_zip req="no" status="add\edit" dt="string" fp="-2805" lookup="no" expanded="no"></addr_zip>`<br>`<analyze_all_domains req="yes" status="add\edit" dt="numeric" fp="-5109" lookup="no" expanded="no"></analyze_all_domains>`<br>`<application_user req="yes" status="add\edit" dt="numeric" fp="-2813" lookup="yes" expanded="no"></application_user>`<br>`<auto_save req="no" status="add\edit" dt="numeric" fp="-6538" lookup="yes" expanded="no"></auto_save>`<br>`<comments req="no" status="add\edit" dt="string" fp="-898" lookup="no" expanded="no"></comments>`<br>`<company req="no" status="add\edit" dt="string" fp="-886" lookup="no" expanded="no"></company>`<br>`<currency_code req="yes" status="add\edit" dt="numeric" fp="-1521" lookup="yes" expanded="no"></currency_code>`<br>`<date_format_id req="yes" status="add\edit" dt="numeric" fp="-1523" lookup="yes" expanded="no"></date_format_id>`<br>`<department req="no" status="add\edit" dt="string" fp="-887" lookup="no" expanded="no"></department>`<br>`<email req="no" status="add\edit" dt="string" fp="-896" lookup="no" expanded="no"></email>`<br>`<fax req="no" status="add\edit" dt="string" fp="-894" lookup="no" expanded="no"></fax>`<br>`<first_name req="no" status="add\edit" dt="string" fp="-890" lookup="no" expanded="no"></first_name>`<br>`<first_page_pref req="no" status="add\edit" dt="numeric" fp="-1981" lookup="yes" expanded="no"></first_page_pref>`<br>`<first_portal_pref req="yes" status="add\edit" dt="numeric" fp="-2815" lookup="yes" expanded="no"></first_portal_pref>`<br>`<html_email req="yes" status="add\edit" dt="numeric" fp="-4006" lookup="yes" expanded="no"></html_email>`<br>`<labor_rate_base req="no" status="add\edit" dt="numeric" fp="-11106" lookup="no" expanded="no"></labor_rate_base>`<br>`<labor_rate_currency_code req="yes" status="add\edit" dt="numeric" fp="-11110" lookup="yes" expanded="no"></labor_rate_currency_code>`<br>`<labor_rate_entered req="no" status="add\edit" dt="numeric" fp="-11108" lookup="no" expanded="no"></labor_rate_entered>`<br>`<language_id req="yes" status="add\edit" dt="numeric" fp="-1520" lookup="yes" expanded="no"></language_id>` |

| Object Information | XML Data |
|---|---|
| The First Portal Preference value codes are:<br><br>• 103 = Digital Asset Portal<br>• 101 = Lead Portal<br><br>The HTML Email value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br>The Paper Size value codes are:<br><br>• 1 = 8 1/2 x 11<br>• 10 = 11 x 17<br>• 9 = A4<br>• 5 = Legal<br><br>The Password Expires value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br>The Portal User value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br>The Report Viewer value codes are:<br><br>• 3 = HTML<br>• 1 = JRE<br>• 0 = JVM<br><br>The Service User value codes are:<br><br>• 1 = Yes<br>• 0 = No<br><br>The scs_id value is a primary key of the user_group_domains table.<br><br>The scs_id value is a foreign key reference to the classification_schema table. | `<last_name req="yes" status="add\edit" dt="string" fp="-889" lookup="no" expanded="no"></last_name>`<br>`<login_id req="yes" status="add\edit" dt="string" fp="-883" lookup="no" expanded="no"></login_id>`<br>`<middle_name req="no" status="add\edit" dt="string" fp="-891" lookup="no" expanded="no"></middle_name>`<br>`<notification_type_id req="yes" status="add\edit" dt="numeric" fp="-897" lookup="yes" expanded="no"></notification_type_id>`<br>`<number_format_id req="yes" status="add\edit" dt="numeric" fp="-1524" lookup="yes" expanded="no"></number_format_id>`<br>`<office_id req="no" status="add\edit" dt="numeric" fp="-10022" lookup="yes" expanded="no"></office_id>`<br>`<olap_user req="no" status="add\edit" dt="numeric" fp="-5110" lookup="no" expanded="no"></olap_user>`<br>`<paper_size req="no" status="add\edit" dt="numeric" fp="-2672" lookup="yes" expanded="no"></paper_size>`<br>`<password_expires req="no" status="add\edit" dt="numeric" fp="-2639" lookup="yes" expanded="no"></password_expires>`<br>`<phone req="no" status="add\edit" dt="string" fp="-885" lookup="no" expanded="no"></phone>`<br>`<portal_user req="yes" status="add\edit" dt="numeric" fp="-2814" lookup="yes" expanded="no"></portal_user>`<br>`<prefix req="no" status="add\edit" dt="string" fp="-892" lookup="no" expanded="no"></prefix>`<br>`<report_viewer req="no" status="add\edit" dt="numeric" fp="-5951" lookup="yes" expanded="no"></report_viewer>`<br>`<service_user req="no" status="add\edit" dt="numeric" fp="-2637" lookup="yes" expanded="no"></service_user>`<br>`<suffix req="no" status="add\edit" dt="string" fp="-2799" lookup="no" expanded="no"></suffix>`<br>`<time_format_id req="yes" status="add\edit" dt="numeric" fp="-1526" lookup="yes" expanded="no"></time_format_id>`<br>`<timezone_id req="yes" status="add\edit" dt="numeric" fp="-1522" lookup="yes" expanded="no"></timezone_id>`<br>`<title req="no" status="add\edit" dt="string" fp="-893" lookup="no" expanded="no"></title>`<br>`<user_system_role req="no" status="add\edit" dt="string" fp="-13476" lookup="no" expanded="no"></user_system_role>`<br>`<Domains Type="collection" Mode="Drop and Replace">`<br>  `<Domain>`<br>    `<scs_id req="yes" status="add\edit" dt="numeric" fp="-1525" lookup="yes" expanded="no"></scs_id>`<br>    `<user_id req="no" status="read only" dt="numeric" fp="-1597" lookup="no" expanded="no"></user_id>`<br>  `</Domain>`<br>`</Domains>`<br>`<Groups Type="collection" Mode="Drop and Replace">`<br>  `<Group>`<br>    `<group_id req="no" status="read only" dt="numeric" fp="-1606" lookup="no" expanded="no"></group_id>`<br>    `<group_id req="yes" status="add\edit" dt="numeric" fp="-1607" lookup="yes" expanded="no"></group_id>`<br>    `<user_id req="no" status="read only" dt="numeric" fp="-1627" lookup="no" expanded="no"></user_id>`<br>    `<user_id req="no" status="read only" dt="numeric" fp="-1630" lookup="yes" expanded="no"></user_id>`<br>  `</Group>` |

| Object Information | XML Data |
|---|---|
| The group_id value is a primary key of the group_membership table. | </Groups> |
| The group_id value is a primary key of the group_membership table. | |
| The currency_code value is a foreign key reference to the currency_codes table. | |
| The date_format_id value is a foreign key reference to the date_formats table. | |
| The labor_rate_currency_code value is a foreign key reference to the currency_codes table. | |
| The language_id value is a foreign key reference to the languages table. | |
| The notification_type_id value is a foreign key reference to the notification_types table. | |
| The number_format_id value is a foreign key reference to the number_formats table. | |
| The office_id value is a foreign key reference to the offices table. | |
| The time_format_id value is a foreign key reference to the time_formats table. | |
| The timezone_id value is a foreign key reference to the timezones table. | |

# Troubleshooting

If large requests do not complete as expected, consider adjusting the time-out configuration. For more information, see chapter 7, Time Out Configuration.

Common errors in Listener requests include:

- Missing required fields
- Changing fields that the client does not have permission to edit

## Communication Issues

If Aprimo Marketing Studio cannot communicate with the publishing service, check these items:

- Ensure that the publishing service is running.
- If there is a firewall between Aprimo Marketing Studio and the publishing service, verify the appropriate ports are configured on the firewall so communication can occur. The default publishing service port is 5000.

## Failed Processing

If the publishing service cannot process events, check these items:

- Verify the URI to the publishing adapter (specified by the client configuration) is valid.
- Verify the server that runs the publishing service can communicate with the server that hosts the publishing adapter.
- Ensure the publishing adapter is processing the XML data correctly.

# 6. Adapters

Adapters translate information that is exchanged between Aprimo Marketing Studio and external applications so data can be properly communicated to the applications.

For example, information is sent from Aprimo Marketing Studio to the publishing service. It is then sent to a publishing adapter that processes the information for use by the receiving application. Alternatively, a listener adapter receives information from an application so that it can be translated and sent to Aprimo Marketing Studio through the Integration Workbench Listener Web Service.

Adapters:

- Must be Web Services
- Must accept Aprimo Marketing Studio data
- Transform the data to a format that the receiving application can read
- Screen messages to verify that they should be sent
- Map foreign keys

## Screening Messages

Adapters can be configured to screen messages received from an application to verify the information contained in the message should be transferred to the other application.

For example, you may not want data to transfer unless the lead status of an audience member has changed to hot.

## Foreign Key Mapping

Foreign key mapping is used when values for a field in one application must map to a corresponding field in another application.

For example, an audience member in Aprimo Marketing Studio is a sales person in your sales force automation application. Therefore, you map the audience member ID to the corresponding sales person ID.

# 7. Time Out Configuration

The time out setting for the Integration Workbench Interface determines the execution time for the Web Service to complete a request. If the request is not completed within the allotted time, the system times out.

If large amounts of data are being processed, you might need to adjust the time out settings. When requests take more than the allotted time, an error is generated.

The machine.config file controls the time-out for the Internet Information Service. The web.config file controls the time out for the Web service.

**Caution**

Editing the machine.config file affects all services controlled by Internet Information Services.

**To change the machine.config file:**

1. Edit the **machine.config** file located in the %windir%\\Microsoft.NET\Framework\ v4.0.30319\CONFIG folder.

2. Change the time for the response DeadlockInterval="00:03:00" line.

   **Note**

   The default time is 3 minutes.

3. Save the **machine.config** file.

   **Note**

   The files may need to be edited if custom field names are used instead of default Aprimo Marketing Studio field names.

4. Repeat steps 1-3 for the **machine.config** file located in the %windir%\\Microsoft.NET\ Framework64\v4.0.30319\CONFIG folder.


**To change the web.config file:**

1. Edit the **web.config** file located in the XMLListener folder.

2. Change the time for the execution Timeout="90" line.

   **Note**

   The default time is 90 seconds. This time must be less than or equal to the time in the machine.config file.

3. Save the **web.config** file.