6.4.1.2 Event API - Get Event Information XML Web Service

Web Service Name: EVTSSAWEBSVCLIB

Procedure Name: get_event_info_xml

Purpose:

The following web service procedure, **evtssawebsvclib.get_event_info_xml,** is an alternative to the Oracle stored procedure, evtapilib.get_event_info. This API returns a set of event information based on the specified input parameters which may exist individually, or on combination, and include customer ID, date range, event type, location (i.e., state), status (active, cancelled, closed, proposed), category and sponsorship. As a result, the output/response may provide a listing of events and the respective information which correspond to only those of a certain event item type (as specified in the request). The response consists of one record, or XML element, for each event associated with the input parameters. Each XML element, includes the attribute information associated with the event including the Event ID, Event Name, Event Type, Event Status (e.g., Active, Cancelled, Closed, Proposed), Start Date, End Date, Deadline Date, Location Name, Location Street1, Location Street2, Location City, Location State, Location Zip, Location Country, Registration URL, and Registration Status.

> *NOTE:* If a customer ID (i.e., CUST-ID) is included in the request, only those events for which the customer is eligible will be included in the response. This eligibility is based on registration rules and other prerequisites defined in the system as well as the registration dates associated with the event (e.g., web registration start and stop dates).

If no matching events are found or an error occurs, the value of the output STATUS element will indicate 'FAILURE' and the MESSAGE element will include a corresponding error message . If there are no errors, then the STATUS element will indicate 'SUCCESS' and the MESSAGE element will be null.

Input Parameters

Arguments are passed as an xml document with the name "p_input_xml_doc".

Input Document Changes
status was enhanced to support a comma-delimited list in AA 7.4.4.

Added eventId input parameter in AA8.1.3

Input Document Example

```xml
<?xml version="1.0"?>
<event-request>
    <vendor-id></vendor-id>
    <vendor-password></vendor-password>
    <eventId></eventId>            <!-- Optional -->
    <cust-id></cust-id>            <!-- Optional -->
    <start-date></start-date>      <!-- Optional -->
    <end-date></end-date>          <!-- Optional -->
    <status></status>              <!-- Optional (can include multiple as
comma-delimited list e.g. ACTIVE,PROPOSED) -->
    <category></category>          <!-- Optional -->
    <event-type></event-type>      <!-- Optional -->
    <item-type></item-type>        <!-- Optional -->
    <state-code>MD</state-code>    <!-- Optional -->
    <sponsor></sponsor>            <!-- Optional -->
</event-request>
```

Output Document Changes
Event type description was added to the output in AA 7.1.6

Added list of valid registration types in AA8.1.1

Output Document

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<event-list>
    <event>                      <!-- can repeat -->
        <id></id>                <!-- some elements will be CDATA wrapped -->
        <program-name></program-name>
        <name></name>           <!-- CDATA wrapped -->
        <type></type>
        <type-descr></type-descr>     <!-- Event type description from the
cen_code_genval where code_ty = 'EVT_EVENTTYPE' -->
        <status></status>
        <start-dt></start-dt>         <!-- Format YYYYMMDDHH24MISS -->
        <end-dt></end-dt>             <!-- Format YYYYMMDDHH24MISS -->
        <deadline-dt></deadline-dt>   <!-- Format YYYYMMDDHH24MISS -->
        <requireSecondaryItem></requireSecondaryItem>   <!-- Y/N -->
        <location-nm></location-nm>              <!-- CDATA wrapped -->
        <location-street1></location-street1>   <!-- CDATA wrapped -->
        <location-street2></location-street2>   <!-- CDATA wrapped -->
        <location-city></location-city>
        <location-state></location-state>
        <location-zip></location-zip>
        <location-country></location-country>
        <register-url></register-url>           <!-- CDATA wrapped -->
        <registration-status></registration-status>
        <lastChangeDate></lastChangeDate>       <!-- Format
YYYYMMDDHH24MISS -->
        <attribute-list>
            <attribute>                  <!-- can repeat -->
                <type></type>
                <code></code>
                <character-value></character-value>
                <number-value></number-value>
                <date-value></date-value>        <!-- CDATA wrapped
MM/DD/YYYY -->
            </attribute>
        </attribute-list>
        <validRegistrationTypes>
            <regType>           <!-- can repeat -->
                <type></type>
                <descr></descr>
                <defaultCl><defaultCl>
                <waitlistingFlag><waitlistingFlag>
                <staffFlag><staffFlag>
            <regType>
        </validRegistrationTypes>
    </event>
    <status>SUCCESS or FAILURE</status>
    <message>Element will not appear if status = SUCCESS</message>
</event-list>
```