# Yourmembership CrowdWisdom™ Web Service Integration

#### *Institution Enrollment*

Lists all institution summary data (id, guid, name, userlimit)

Location: https://<domain>/diweb/ws/rest/institution

#### Resources

* Institution: Returns basic institution parameters
* Info: Using Institution ID returns summary data

### Institution

#### Parameters:

* + - institution id: unique identifier for the intstution
    - name: institution name
    - guid: guid identifier
    - user max: max user count for that institution

#### Sample:

<?xml version=“1.0" encoding="UTF‐8"?>

<institutions>

**<institution id="inst1">**

<name>INSTITUTE</name>

<guid>a2d2f8e0-e25c-4c1d-b417-fce2bd0f9f1a</guid>

<user max="20"/>

</institution>

**<institution id="inst2">**

<name>INSTITUTE2</name>

<guid>d3885813-80e4-42ac-91d8-121f602a2af3</guid>

<user max="20"/>

</institution>

**<institution id="inst3">**

<name>INSTITUTE 3</name>

<guid>47f26b86-7149-4332-aa82-aadff42a3841</guid>

<user max="20"/>

</institution>

**<institution id="inst4">**

<name>INSTITUTE 4</name>

<guid>8c066f27-db4b-48d8-8b93-afe2f3a4be77</guid>

<user max="20"/>

</institution></institutions>

### Info

#### Get institution details (enrollments etc.) call:

Location: http://<domain>/diweb/ws/rest/institution/

* + - institution id: unique identifier (external id)
    - guid: guid identifier
    - name: institution name

Example using ID: http://<domain>/diweb/ws/rest/institution/info?id=inst4

#### Parameters:

* + - institution id: unique identifier for the institution
    - name: institution name
    - guid: guid identifier
    - user max: max user count for that institution
    - product id: unique identifier for the product (external id)
    - product name: product name
    - enrollment count: enrollment count
    - enrollment max: enrollment limit
    - openAccess: auto‐enroll upon launch/free
    - classroom: name of classroom
    - user id: unique user ID (external ID)
    - firstName: user first name
    - lastName: user last name

#### Sample:

<?xml version=“1.0" encoding=“UTF‐8" standalone="yes"?>

<institution id="inst4">

<name>INSTITUTE 4</name>

<guid>8c066f27-db4b-48d8-8b93-afe2f3a4be77</guid>

<user count=“5" max=“20” />

<products>

<product id=“CNW01" openAccess="true">

<name>product with on enrollments</name>

</product>

<product openAccess="true">

<name>classroom #1</name>

<enrollment count=“2" max=“20" />

<users>

<user id="234">

<firstName>User</firstName>

<lastName>One</lastName>

</user>

<user id="123">

<firstName>User</firstName>

<lastName>Two</lastName>

</user>

</users>

</product>

</products>

</institution>

### Schema

<xs:complexType name="institutionRecord">

<xs:sequence>

<xs:element minOccurs=“0" name=“name" type=“xs:string" />

<xs:element minOccurs=“0" name=“guid" type=“xs:string" />

<xs:element minOccurs=“0" name=“user" type=“institutionLimit" />

<xs:element minOccurs=“0" name="products">

<xs:complexType>

<xs:sequence>

<xs:element maxOccurs=“unbounded" minOccurs=“0" name=“product" type=“institutionProduct” />

</xs:sequence>

</xs:complexType>

</xs:element>

</xs:sequence>

<xs:attribute name=“id" type=“xs:string" />

</xs:complexType>

<xs:complexType name="institutionLimit">

<xs:sequence />

<xs:attribute name=“count" type=“xs:int" />

<xs:attribute name=“max" type=“xs:int" />

</xs:complexType>

<xs:complexType name="institutionProduct">

<xs:sequence>

<xs:element minOccurs=“0" name=“name" type=“xs:string" />

<xs:element minOccurs=“0" name=“enrollment" type="institutionLimit"/>

<xs:element minOccurs=“0" name="users">

<xs:complexType>

<xs:sequence>

<xs:element maxOccurs=“unbounded" minOccurs=“0" name=“user"type="institutionUser" />

</xs:sequence>

</xs:complexType>

</xs:element>

</xs:sequence>

<xs:attribute name=“id" type=“xs:string" />

<xs:attribute name=“openAccess" type=“xs:boolean" use=“required" />

</xs:complexType>

<xs:complexType name="institutionUser">

<xs:sequence>

<xs:element minOccurs=“0" name=“firstName" type=“xs:string" />

<xs:element minOccurs=“0" name=“lastName" type=“xs:string" />

</xs:sequence>

<xs:attribute name=“id" type=“xs:string" />

</xs:complexType>

### Resource

<resources base="https://www.precrowdwisdom.com/diweb/ws/rest">

<resource path="/institution">

<method name="GET">

<response>

<representation mediaType=“application/xml" />

<representation mediaType=“application/json" />

</response>

</method>

<resource path="/info">

<method name="GET">

<request>

<param name=“id" style=“query" type=“xs:string" />

<param name=“guid" style=“query" type=“xs:string" />

<param name=“name" style=“query" type=“xs:string" />

</request>

<response>

<representation mediaType=“application/xml" />

<representation mediaType=“application/json" />

</response>

</method>

</resource>

</resource>

</resources>