# CHURCHCommunity
## B U I L D E R

## API Implementer's Guide
## Group Services

# Introduction

This implementer's guide provides information about the Church Community Builder Application Programming Interface (API) Group services.

This document will specify the necessary values for requests and responses to and from the API and will provide sample code for accessing the API.

# Group Services

The Church Community Builder Group Services allows you to have access to your membership information. This information can be used as you wish on your website, or in other applications in use across your church.

Access to the Group Services is free for the asking for all church partners. However, you still need to have a login and password assigned from your Church Community Builder application. All API services are protected by HTTP Basic Authentication. If your application cannot provide credentials through Basic Authentication, then it will not be able to communicate with the API.

All service calls to the API require a parameter named 'srv' that contains the name of the service being called. All API services accept an optional parameter named 'describe_api' with a value of '1'. This will cause the service to return the values it accepts as parameters and the format of the service response.

## Group Profile Contents

Any services that return a group profile will return records of the same format. A sample of the group profile format follows:

```
<group id="112">
  <name>CCB Guys</name>
  <description>The guys of CCB</description>
  <image>https://e1h20.simplecdn.net/ccbstaticnew/images/group-default.gif</image>
  <main_leader id="1">
    <first_name>Master</first_name>
    <last_name>Admin</last_name>
    <full_name>Master Admin</full_name>
    <email>ken@optikos.net</email>
    <phones>
      <phone type="contact">(719) 484-0880</phone>
    </phones>
  </main_leader>
  <leaders/>
  <coach/>
  <director/>
  <group_type id="10">Directions Group</group_type>
  <department id="9">Children -Nursery</department>
  <area id="15">Administration</area>
  <calendar_feed>webcal://dev/group_calendar.ics?id=112</calendar_feed>
  <registration_forms>
    <registration_form id="14">
      <name>Free Event</name>
      <description>Fill out the form apply for this group.</description>
      <url>http://dev/w_form_response.php?form_id=14</url>
    </registration_form>
    <registration_form id="41">
      <name>Form for Event</name>
      <description>This is tied to an event</description>
      <url>http://dev/w_form_response.php?form_id=41</url>
    </registration_form>
  </registration_forms>
```

```
  <current_members>2</current_members>
  <group_capacity>Unlimited</group_capacity>
  <addresses>
    <address/>
  </addresses>
  <meeting_day></meeting_day>
  <meeting_time></meeting_time>
  <childcare_provided>true</childcare_provided>
  <interaction_type>Members Interact</interaction_type>
  <membership_type>Approval Needed</membership_type>
  <user_defined_fields>
    <user_defined_field>
      <label>Campus</label>
      <selection id="3">Internet Campus</selection>
    </user_defined_field>
  </user_defined_fields>
  <listed>false</listed>
  <external_listed>false</external_listed>
  <public_search_listed>false</public_search_listed>
  <inactive>false</inactive>
  <creator id="1">Master Admin</creator>
  <modifier id="1">Master Admin</modifier>
  <created>2003-10-16 20:55:31</created>
  <modified>2010-05-04 16:54:49</modified>
</group>
```

## Create Group

The Create Group service will accept form-encoded data representing a new group and will create a new group in the Church Community Builder system. The service returns the profile of the group that was created.

This service MUST be invoked with an HTTP POST, and the data for the new individual contained in the post data MUST be encoded in the mime format application/x-www-form-urlencoded.

The following HTML5 form is an example of the values that could be passed to the service to create a group. The required value is name.

```
<!DOCTYPE html>
<head>
  <title>Create Group Form</title>
  </head>
<body>
<form action="http://dev/api.php?srv=create_group" method="post"
    enctype="application/x-www-form-urlencoded" accept-charset="utf-8">
  <label for="name">Name</label><input type="text" id="name" name="name" required="required" /><br />
  <label for="description">Description</label><textarea id="description" name="description"></textarea><br />
  <label for="campus_id">Campus ID</label><input type="number" id="campus_id" name="campus_id" value="0" /><br />
  <label for="main_leader_id">Main Leader ID</label><input type="number" id="main_leader_id"
name="main_leader_id" value="0" /><br />
  <label for="group_type_id">Group Type ID</label><input type="number" id="group_type_id" name="group_type_id"
value="0" /><br />
```

```html
  <label for="department_id">Department ID</label><input type="number" id="department_id" name="department_id"
value="0" /><br />
  <label for="area_id">Area ID</label><input type="number" id="area_id" name="area_id" value="0" /><br />
  <label for="group_capacity">Group Capacity</label><input type="number" id="group_capacity"
name="group_capacity" value="0" /><br />
  <label for="meeting_location_street_address">Meeting Location Street Address</label><input type="text"
id="meeting_location_street_address" name="meeting_location_street_address" /><br />
  <label for="meeting_location_city">Meeting Location City</label><input type="text" id="meeting_location_city"
name="meeting_location_city" /><br />
  <label for="meeting_location_state">Meeting Location State</label><input type="text"
id="meeting_location_state" name="meeting_location_state" /><br />
  <label for="meeting_location_zip">Meeting Location ZIP Code</label><input type="text"
id="meeting_location_zip" name="meeting_location_zip" /><br />
  <label for="meeting_day_id">Meeting Day ID</label><input type="number" id="meeting_day_id"
name="meeting_day_id" value="0" /><br />
  <label for="meeting_time_id">Meeting Time ID</label><input type="number" id="meeting_time_id"
name="meeting_time_id" value="0" /><br />
  <label for="childcare_provided">Childcare Provided</label><input type="checkbox" id="childcare_provided"
name="childcare_provided" value="true" /><br />
  <fieldset id="interaction_type">
    <legend>Interaction Type</legend>
    <label for="members-interact">Members Interact</label><input type="radio" id="members-interact"
name="interaction_type" checked="checked" value="i" />
    <label for="announce-only">Announce Only</label><input type="radio" id="announce-only"
name="interaction_type" value="a" />
    <label for="administrative">Administrative</label><input type="radio" id="administrative"
name="interaction_type" value="d" />
  </fieldset>
  <fieldset id="membership_type">
    <legend>Membership Type</legend>
    <label for="open-all">Open to All</label><input type="radio" id="open-all" name="membership_type"
checked="checked" value="o" />
    <label for="registration-required">Approval Required</label><input type="radio" id="registration-required"
name="membership_type" value="a" />
  </fieldset>
  <label for="notification">Notify Group Leaders about changes</label><input type="checkbox" id="notification"
name="notification" value="true" /><br />
  <label for="listed">Listed</label><input type="checkbox" id="listed" name="listed" value="true" /><br />
  <label for="listed">Listed</label><input type="checkbox" id="listed" name="listed" value="true" /><br />
  <label for="public_search_listed">Public Search Listed</label><input type="checkbox" id="public_search_listed"
name="public_search_listed" value="true" /><br />
  <label for="udf_group_pulldown_1_id">User-defined group field 1</label><input type="number"
id="udf_group_pulldown_1_id" name="udf_group_pulldown_1_id" value="0" /><br />
  <label for="udf_group_pulldown_2_id">User-defined group field 2</label><input type="number"
id="udf_group_pulldown_2_id" name="udf_group_pulldown_2_id" value="0" /><br />
  <label for="udf_group_pulldown_3_id">User-defined group field 3</label><input type="number"
id="udf_group_pulldown_3_id" name="udf_group_pulldown_3_id" value="0" /><br />
  <label for="creator_id">Creator ID</label><input type="number" id="creator_id" name="creator_id" value="0" /
><br />
</form>
</body>
</html>
```

## Service Name

**create_group**

## Required Parameters

**None**

## Optional Parameters

**None**

## Sample Request

```
curl "http://localhost/api.php?srv=create_group" -u user:pwd -d"name=Fancy+new
+group&main_leader_id=2412&interaction_type=Announce+Only"
```

## Sample Response

```xml
<?xml version="1.0" encoding="UTF-8"?>
<ccb_api>
  <request>
    <parameters>
      <argument name="srv" value="create_group" />
    </parameters>
  </request>
  <response>
    <service>create_group</service>
    <service_action>execute</service_action>
    <availability>public</availability>
    <groups count="1">
      <group id="470">
        <name>Fancy new group</name>
        <description></description>
        <image>/images/group-default.gif</image>
        <campus id="1">Campus 1</campus>
        <main_leader id="2412">
          <first_name>Ken</first_name>
          <last_name>Scott</last_name>
          <full_name>Ken Scott</full_name>
          <email>ken@optikos.net</email>
          <phones>
            <phone type="contact"></phone>
          </phones>
        </main_leader>
        <leaders/>
        <coach/>
        <director/>
        <participants/>
        <group_type id="2">Life-Stage Ministry</group_type>
        <department></department>
        <area></area>
```

```
            <calendar_feed>webcal://dev/group_calendar.ics?id=470&amp;tk=TB7YSYFJUHY2EWG54RNTBDQD59YJ47QX</
calendar_feed>
        <registration_forms/>
        <current_members>1</current_members>
        <group_capacity>Unlimited</group_capacity>
        <addresses>
          <address/>
        </addresses>
        <meeting_day></meeting_day>
        <meeting_time></meeting_time>
        <childcare_provided>false</childcare_provided>
        <interaction_type>Members Interact</interaction_type>
        <membership_type>Invitation or Request Required</membership_type>
        <notification>false</notification>
        <user_defined_fields/>
        <listed>true</listed>
        <public_search_listed>false</public_search_listed>
        <inactive>false</inactive>
        <creator>System User</creator>
        <modifier>System User</modifier>
        <created>2012-09-20 10:22:14</created>
        <modified>2012-09-20 10:22:14</modified>
      </group>
    </groups>
  </response>
</ccb_api>
```

## Update Group

The Create Group service will accept form-encoded data representing a new group and create a new group in the Church Community Builder system. The service returns the profile of the group that was created.

This service MUST be invoked with an HTTP POST, and the data for the new individual contained in the post data MUST be encoded in the mime format application/x-www-form-urlencoded.

The following HTML5 form is an example of the values that could be passed to the service to create a group. The required value is name.

```
<!DOCTYPE html>
<head>
  <title>Update Group Form</title>
  </head>
<body>
<form action="http://dev/api.php?srv=update_group&id=129" method="post"
    enctype="application/x-www-form-urlencoded" accept-charset="utf-8">
  <label for="name">Name</label><input type="text" id="name" name="name" required="required" /><br />
  <label for="description">Description</label><textarea id="description" name="description"></textarea><br />
  <label for="campus_id">Campus ID</label><input type="number" id="campus_id" name="campus_id" value="0" /><br /
>
  <label for="main_leader_id">Main Leader ID</label><input type="number" id="main_leader_id"
name="main_leader_id" value="0" /><br />
  <label for="group_type_id">Group Type ID</label><input type="number" id="group_type_id" name="group_type_id"
value="0" /><br />
```

```html
  <label for="department_id">Department ID</label><input type="number" id="department_id" name="department_id"
value="0" /><br />
  <label for="area_id">Area ID</label><input type="number" id="area_id" name="area_id" value="0" /><br />
  <label for="group_capacity">Group Capacity</label><input type="number" id="group_capacity"
name="group_capacity" value="0" /><br />
  <label for="meeting_location_street_address">Meeting Location Street Address</label><input type="text"
id="meeting_location_street_address" name="meeting_location_street_address" /><br />
  <label for="meeting_location_city">Meeting Location City</label><input type="text" id="meeting_location_city"
name="meeting_location_city" /><br />
  <label for="meeting_location_state">Meeting Location State</label><input type="text"
id="meeting_location_state" name="meeting_location_state" /><br />
  <label for="meeting_location_zip">Meeting Location ZIP Code</label><input type="text"
id="meeting_location_zip" name="meeting_location_zip" /><br />
  <label for="meeting_day_id">Meeting Day ID</label><input type="number" id="meeting_day_id"
name="meeting_day_id" value="0" /><br />
  <label for="meeting_time_id">Meeting Time ID</label><input type="number" id="meeting_time_id"
name="meeting_time_id" value="0" /><br />
  <label for="childcare_provided">Childcare Provided</label><input type="checkbox" id="childcare_provided"
name="childcare_provided" value="true" /><br />
  <fieldset id="interaction_type">
    <legend>Interaction Type</legend>
    <label for="members-interact">Members Interact</label><input type="radio" id="members-interact"
name="interaction_type" checked="checked" value="i" />
    <label for="announce-only">Announce Only</label><input type="radio" id="announce-only"
name="interaction_type" value="a" />
    <label for="administrative">Administrative</label><input type="radio" id="administrative"
name="interaction_type" value="d" />
  </fieldset>
  <fieldset id="membership_type">
    <legend>Membership Type</legend>
    <label for="open-all">Open to All</label><input type="radio" id="open-all" name="membership_type"
checked="checked" value="o" />
    <label for="registration-required">Approval Required</label><input type="radio" id="registration-required"
name="membership_type" value="a" />
  </fieldset>
  <label for="notification">Notify Group Leaders about changes</label><input type="checkbox" id="notification"
name="notification" value="true" /><br />
  <label for="inactive">Make group inactive</label><input type="checkbox" id="inactive" name="inactive"
value="true" /><br />
  <label for="listed">Listed</label><input type="checkbox" id="listed" name="listed" value="true" /><br />
  <label for="public_search_listed">Public Search Listed</label><input type="checkbox" id="public_search_listed"
name="public_search_listed" value="true" /><br />
  <label for="udf_group_pulldown_1_id">User-defined group field 1</label><input type="number"
id="udf_group_pulldown_1_id" name="udf_group_pulldown_1_id" value="0" /><br />
  <label for="udf_group_pulldown_2_id">User-defined group field 2</label><input type="number"
id="udf_group_pulldown_2_id" name="udf_group_pulldown_2_id" value="0" /><br />
  <label for="udf_group_pulldown_3_id">User-defined group field 3</label><input type="number"
id="udf_group_pulldown_3_id" name="udf_group_pulldown_3_id" value="0" /><br />
  <label for="modifier_id">Modifier ID</label><input type="number" id="modifier_id" name="modifier_id"
value="0" /><br />
</form>
</body>
</html>
```

## Service Name

**update_group**

## Required Parameters

**id**

## Optional Parameters

**format**

## Sample Request

```
curl "http://localhost/api.php?srv=update_group&id=470" -d "group_capacity=10&notification=true" -u user:pwd
```

## Sample Response

```xml
<?xml version="1.0" encoding="UTF-8"?>
<ccb_api>
  <request>
    <parameters>
      <argument name="srv" value="update_group" />
      <argument name="id" value="470" />
    </parameters>
  </request>
  <response>
    <service>update_group</service>
    <service_action>execute</service_action>
    <availability>public</availability>
    <groups count="1">
      <group id="470">
        <name>Fancy new group</name>
        <description></description>
        <image>/images/group-default.gif</image>
        <campus id="1">Campus 1</campus>
        <main_leader id="2412">
          <first_name>Ken</first_name>
          <last_name>Scott</last_name>
          <full_name>Ken Scott</full_name>
          <email>ken@optikos.net</email>
          <phones>
            <phone type="contact"></phone>
          </phones>
        </main_leader>
        <leaders/>
        <coach/>
        <director/>
        <participants/>
        <group_type id="2">Life-Stage Ministry</group_type>
        <department></department>
        <area></area>
```

```
      <calendar_feed>webcal://dev/group_calendar.ics?id=470&amp;tk=TB7YSYFJUHY2EWG54RNTBDQD59YJ47QX</
calendar_feed>
      <registration_forms/>
      <current_members>1</current_members>
      <group_capacity>10</group_capacity>
      <addresses>
        <address/>
      </addresses>
      <meeting_day></meeting_day>
      <meeting_time></meeting_time>
      <childcare_provided>false</childcare_provided>
      <interaction_type>Members Interact</interaction_type>
      <membership_type>Invitation or Request Required</membership_type>
      <notification>true</notification>
      <user_defined_fields/>
      <listed>true</listed>
      <public_search_listed>false</public_search_listed>
      <inactive>false</inactive>
      <creator>System User</creator>
      <modifier>System User</modifier>
      <created>2012-09-20 10:22:14</created>
      <modified>2012-09-20 10:28:38</modified>
    </group>
  </groups>
  </response>
</ccb_api>
```

## Group Profiles

The Group Profiles service allows you to pass in a given date and have all groups created or modified since that date returned to you. If a date is not provided, all groups in the system will be returned.

### Service Name

**group_profiles**

### Required Parameters

**None**

### Optional Parameters

**modified_since**

### Sample Request

```
curl 'http://localhost/api.php?srv=group_profiles&modified_since=2010-02-01' -u user:pwd
```

### Sample Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ccb_api>
<request>
```

```xml
  <parameters>
    <argument name="srv" value="group_profiles" />
    <argument name="modified_since" value="2009-10-15" />
  </parameters>
</request>
<response>
<service>group_profiles</service>
<service_action>execute</service_action>
<availability>public</availability>
  <groups count="1">
    <group id="29">
      <name>20 Something's EDGE</name>
      <description>Connecting people with similar mindsets and interests while connecting with God.</description>
      <image>https://s3.amazonaws.com/ccbchurch/10622/pics/g_29?AWSAccessKeyId=0BDSSVFT2HK96VQETMR2&amp;Expires=1267831548&amp;Signature=WSyXiSwc2G54JC4L9PF4Xvp11Bw%3D</image>
      <main_leader id="10">
        <first_name>Mark</first_name>
        <last_name>Alderson</last_name>
        <full_name>Mark Alderson</full_name>
        <email>mark@alderson.net</email>
        <phones>
          <phone type="contact">(719) 555-1212</phone>
        </phones>
      </main_leader>
      <leaders>
        <leader id="541">
          <first_name>Free-Brian Lama</first_name>
          <last_name>Grafton</last_name>
          <full_name>Free-Brian Lama Grafton</full_name>
          <email>freegrafton@gmail.com</email>
          <phones>
            <phone type="contact">(719) 484-0880</phone>
          </phones>
        </leader>
        <leader id="2114">
          <first_name>Chris</first_name>
          <last_name>Fowler</last_name>
          <full_name>Chris Fowler</full_name>
          <email>cfowler@churchcommunitybuilder.com</email>
          <phones>
            <phone type="contact">(719) 266-2888</phone>
          </phones>
        </leader>
        <leader id="2413">
          <first_name>Rachael</first_name>
          <last_name>Mueller</last_name>
          <full_name>Rachael Mueller</full_name>
          <email>rmueller@churchcommunitybuilder.com</email>
          <phones>
            <phone type="contact">(719) 646-9982</phone>
          </phones>
        </leader>
      </leaders>
```

```xml
        <coach id="2412">
          <first_name>Kenneth</first_name>
          <last_name>Scott</last_name>
          <full_name>Kenneth Scott</full_name>
          <email>ken@optikos.net</email>
          <phones>
            <phone type="contact">(719) 359-9967</phone>
          </phones>
        </coach>
        <director/>
        <group_type id="2">Life-Stage Ministry</group_type>
        <department id="1">Adult - Young Married</department>
        <area id="20">Edge Ministries</area>
        <calendar_feed>webcal://app/group_calendar.ics?id=29</calendar_feed>
        <current_members>1516</current_members>
        <group_capacity>Unlimited</group_capacity>
        <addresses>
          <address type="meeting">
            <name>My Place</name>
            <street_address>1887 Snowflake Drive</street_address>
            <city>Colorado Springs</city>
            <state>CO</state>
            <zip>80921</zip>
            <line_1>My Place 1887 Snowflake Drive</line_1>
            <line_2>Colorado Springs, CO 80921</line_2>
          </address>
        </addresses>
        <meeting_day id="8">Thursday</meeting_day>
        <meeting_time id="8">Evening</meeting_time>
        <childcare_provided>true</childcare_provided>
        <interaction_type>Members Interact</interaction_type>
        <membership_type>Approval Needed</membership_type>
        <user_defined_fields>
          <user_defined_field>
            <label>Big Choices</label>
            <selection id="3">Choice 3</selection>
          </user_defined_field>
          <user_defined_field>
            <label>Campus</label>
            <selection id="1">North Campus</selection>
          </user_defined_field>
        </user_defined_fields>
        <listed>true</listed>
        <external_listed>true</external_listed>
        <public_search_listed>true</public_search_listed>
        <inactive>false</inactive>
        <creator id="1291">Leslee Rossotto</creator>
        <modifier id="1">Master Admin</modifier>
        <created>2002-06-28 20:36:50</created>
        <modified>2010-03-05 15:44:26</modified>
      </group>
    </groups>
  </response>
</ccb_api>
```

# Group Profile for ID

The Group Profile for ID service allows you to pass in a group ID and have the profile for that group returned to you.

## Service Name

**group_profile_from_id**

## Required Parameters

**id**

## Optional Parameters

**None**

## Sample Request

```
curl 'http://dev/api.php?srv=group_profile_from_id&id=112' -u user:pwd
```

## Sample Response

```xml
<?xml version="1.0" encoding="UTF-8"?>
<ccb_api>
<request>
  <parameters>
    <argument name="srv" value="group_profile_from_id" />
    <argument name="id" value="112" />
  </parameters>
</request>
<response>
<service>group_profile_from_id</service>
<service_action>execute</service_action>
<availability>public</availability>
  <groups count="1">
    <group id="112">
      <name>CCB Guys</name>
      <description>The guys of CCB</description>
      <image>https://e1h20.simplecdn.net/ccbstaticnew/images/group-default.gif</image>
      <main_leader id="1">
        <first_name>Master</first_name>
        <last_name>Admin</last_name>
        <full_name>Master Admin</full_name>
        <email>ken@optikos.net</email>
        <phones>
          <phone type="contact">(719) 484-0880</phone>
        </phones>
      </main_leader>
      <leaders/>
      <coach/>
      <director/>
      <group_type id="10">Directions Group</group_type>
      <department id="9">Children -Nursery</department>
```

```
      <area id="15">Administration</area>
      <calendar_feed>webcal://dev/group_calendar.ics?id=112</calendar_feed>
      <registration_forms>
        <registration_form id="14">
          <name>Free Event</name>
          <description>Fill out the form to be added to the group.</description>
          <url>http://dev/w_form_response.php?form_id=14</url>
        </registration_form>
        <registration_form id="41">
          <name>Form for Event</name>
          <description>This is tied to an event</description>
          <url>http://dev/w_form_response.php?form_id=41</url>
        </registration_form>
      </registration_forms>
      <current_members>2</current_members>
      <group_capacity>Unlimited</group_capacity>
      <addresses>
        <address/>
      </addresses>
      <meeting_day></meeting_day>
      <meeting_time></meeting_time>
      <childcare_provided>true</childcare_provided>
      <interaction_type>Members Interact</interaction_type>
      <membership_type>Approval Needed</membership_type>
      <user_defined_fields>
        <user_defined_field>
          <label>Campus</label>
          <selection id="3">Internet Campus</selection>
        </user_defined_field>
      </user_defined_fields>
      <listed>false</listed>
      <external_listed>false</external_listed>
      <public_search_listed>false</public_search_listed>
      <inactive>false</inactive>
      <creator id="1">Master Admin</creator>
      <modifier id="1">Master Admin</modifier>
      <created>2003-10-16 20:55:31</created>
      <modified>2010-05-04 16:54:49</modified>
    </group>
  </groups>
</response>
</ccb_api>
```

## Group Participants

The Group Participants service allows you to pass in a group ID and have the list of members associated with that group returned.

## Service Name

**group_participants**

## Required Parameters

**id**

## Optional Parameters

**None**

## Sample Request

```
curl 'http://dev/api.php?srv=group_participants&id=112' -u user:pwd
```

## Sample Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ccb_api>
<request>
  <parameters>
    <argument name="srv" value="group_participants" />
    <argument name="id" value="112" />
  </parameters>
</request>
<response>
<service>group_participants</service>
<service_action>execute</service_action>
<availability>public</availability>
  <groups count="1">
    <group id="112">
      <name>CCB Guys</name>
      <participants>
        <participant id="1">
          <name>Master Admin</name>
          <status id="1">Leader</status>
          <date_joined>2009-02-09 15:37:34</date_joined>
          <creator id="1">Master Admin</creator>
          <modifier id="1">Master Admin</modifier>
          <created>2009-02-09 15:37:34</created>
          <modified>2010-04-26 16:28:56</modified>
        </participant>
        <participant id="2412">
          <name>Ken Scott</name>
          <status id="2">Member</status>
          <date_joined>2010-03-26 16:00:46</date_joined>
          <creator id="1">Master Admin</creator>
```

```xml
            <modifier id="2412">Ken Scott</modifier>
            <created>2010-03-26 16:00:46</created>
            <modified>2010-04-09 12:49:53</modified>
          </participant>
        </participants>
      </group>
    </groups>
</response>
</ccb_api>
<?xml version="1.0" encoding="UTF-8"?>
<ccb_api>
<request>
  <parameters>
    <argument name="srv" value="group_participants" />
    <argument name="id" value="112" />
  </parameters>
</request>
<response>
<service>group_participants</service>
<service_action>execute</service_action>
<availability>public</availability>
  <groups count="1">
    <group id="112">
      <name>CCB Guys</name>
      <participants>
        <participant id="1">
          <name>Master Admin</name>
          <status id="1">Leader</status>
          <date_joined>2009-02-09 15:37:34</date_joined>
          <creator id="1">Master Admin</creator>
          <modifier id="1">Master Admin</modifier>
          <created>2009-02-09 15:37:34</created>
          <modified>2010-04-26 16:28:56</modified>
        </participant>
        <participant id="2412">
          <name>Ken Scott</name>
          <status id="2">Member</status>
          <date_joined>2010-03-26 16:00:46</date_joined>
          <creator id="1">Master Admin</creator>
          <modifier id="2412">Ken Scott</modifier>
          <created>2010-03-26 16:00:46</created>
          <modified>2010-04-09 12:49:53</modified>
        </participant>
      </participants>
    </group>
  </groups>
</response>
</ccb_api>
```

# Add Individual to Group

The Add Individual to Group service allows an individual to be added to an existing group. The individual can be added as a Group Member, Invited, or Requesting To Join.

The allowed values for the status parameter are add, invite, and request. Any other status value will be treated as request.

## Service Name

**add_individual_to_group**

## Required Parameters

**id**
**group_id**
**status**

## Optional Parameters

**None**

## Sample Request

```
curl "http://localhost/api.php?srv=add_individual_to_group&id=2412&group_id=159&status=request"-u user:pwd
```

## Sample Response

```xml
<?xml version="1.0" encoding="UTF-8"?>
<ccb_api>
  <request>
    <parameters>
      <argument name="srv" value="add_individual_to_group" />
      <argument name="id" value="2412" />
      <argument name="group_id" value="159" />
      <argument name="status" value="request" />
    </parameters>
  </request>
  <response>
    <service>add_individual_to_group</service>
    <service_action>execute</service_action>
    <availability>public</availability>
    <groups count="1">
      <group id="159">
        <name>A New Group - Testing Mass Add</name>
        <description>This is updated by the API</description>
        <image>https://s3.amazonaws.com/ccbchurch/10621/pics/g_159?
AWSAccessKeyId=0BDSSVFT2HK96VQETMR2&amp;Expires=1348081150&amp;Signature=7IDwZ3VwWcDElflqFkgBh8%2Fvtos%3D</
image>
        <campus id="1">Campus 1</campus>
        <main_leader id="2301">
          <first_name>Tanya</first_name>
          <last_name>Flinstone</last_name>
          <full_name>Tanya Flinstone</full_name>
          <email></email>
```

```xml
        <phones>
          <phone type="contact">(719) 555-9876</phone>
        </phones>
      </main_leader>
      <leaders>
        <leader id="1">
          <first_name>Master</first_name>
          <last_name>Admin</last_name>
          <full_name>Master Admin</full_name>
          <email>kscott@ccbhq.com</email>
          <phones>
            <phone type="contact">07194840880</phone>
          </phones>
        </leader>
      </leaders>
      <coach/>
      <director/>
      <participants/>
      <group_type id="11">Interest</group_type>
      <department></department>
      <area id="19">Adult Ministries</area>
      <calendar_feed>webcal://dev/group_calendar.ics?id=159&amp;tk=66ES8RE8KDHPRHSWBRV7BUH9EG7KUEBC</calendar_feed>
      <registration_forms/>
      <current_members>7</current_members>
      <group_capacity>Unlimited</group_capacity>
      <addresses>
        <address type="meeting">
          <name></name>
          <street_address>2061 Fieldcrest Drive</street_address>
          <city>Colorado Springs</city>
          <state>CO</state>
          <zip>80921</zip>
          <longitude>-104.787591</longitude>
          <latitude>39.005009</latitude>
          <line_1>2061 Fieldcrest Drive</line_1>
          <line_2>Colorado Springs, CO 80921</line_2>
        </address>
      </addresses>
      <meeting_day></meeting_day>
      <meeting_time></meeting_time>
      <childcare_provided>false</childcare_provided>
      <interaction_type>Members Interact</interaction_type>
      <membership_type>Invitation or Request Required</membership_type>
      <notification>false</notification>
      <user_defined_fields/>
      <listed>false</listed>
      <public_search_listed>false</public_search_listed>
      <inactive>false</inactive>
      <creator id="1">Master Admin</creator>
      <modifier id="1">Master Admin</modifier>
      <created>2008-01-29 07:02:09</created>
      <modified>2012-09-13 16:29:38</modified>
    </group>
```

```
      </groups>
    </response>
</ccb_api>
```

## Group Needs

The Group Needs service allows you to pass in a group ID and have the list of needs associated with that group be returned.

### Service Name

**group_needs**

### Required Parameters

**id**

### Optional Parameters

**None**

### Sample Request

```
curl 'http://dev/api.php?srv=group_needs&id=112' -u user:pwd
```

### Sample Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ccb_api>
<request>
  <parameters>
    <argument name="srv" value="group_needs" />
    <argument name="id" value="103" />
  </parameters>
</request>
<response>
<service>group_needs</service>
<service_action>execute</service_action>
<availability>public</availability>
  <groups count="1">
    <group id="103">
      <name>Men's Group</name>
      <needs>
        <need id="25">
          <name>Testing Need</name>
          <coordinator id="1">Master Admin</coordinator>
          <description>Just seeing who gets emails when</description>
          <creator id="1">Master Admin</creator>
          <modifier id="1">Master Admin</modifier>
          <created>2009-11-03 17:14:25</created>
          <modified>2010-05-10 18:34:56</modified>
          <location>
            <name>Parsonage</name>
```

```xml
      <street_address>12265 Oracle Blvd., #105</street_address>
      <city>Colorado Springs</city>
      <state>CO</state>
      <zip>80921</zip>
      <country code="US">United States</country>
      <line_1>12265 Oracle Blvd., #105</line_1>
      <line_2>Colorado Springs, CO 80921</line_2>
    </location>
    <current_items>
      <current_item id="19">
        <name>One</name>
        <date>2010-05-14</date>
        <assigned_to id="2412">Ken Scott</assigned_to>
        <creator id="1">Master Admin</creator>
        <modifier id="2412">Ken Scott</modifier>
        <created>2009-11-03 17:14:25</created>
        <modified>2010-05-10 18:21:19</modified>
      </current_item>
      <current_item id="22">
        <name>Four</name>
        <date>2010-05-15</date>
        <assigned_to>Not Assigned</assigned_to>
        <creator id="1">Master Admin</creator>
        <modifier id="1">Master Admin</modifier>
        <created>2009-11-03 17:14:25</created>
        <modified>2010-05-10 18:20:38</modified>
      </current_item>
    </current_items>
    <past_items>
      <past_item id="20">
        <name>Two</name>
        <date>2009-11-05</date>
        <assigned_to id="2412">Ken Scott</assigned_to>
        <creator id="1">Master Admin</creator>
        <modifier id="2412">Ken Scott</modifier>
        <created>2009-11-03 17:14:25</created>
        <modified>2009-11-03 17:46:04</modified>
      </past_item>
      <past_item id="21">
        <name>Three</name>
        <date>2009-11-06</date>
        <assigned_to>Not Assigned</assigned_to>
        <creator id="1">Master Admin</creator>
        <modifier id="1">Master Admin</modifier>
        <created>2009-11-03 17:14:25</created>
        <modified>2009-11-03 17:14:25</modified>
      </past_item>
      <past_item id="23">
        <name>Five</name>
        <date>2009-11-08</date>
        <assigned_to>Not Assigned</assigned_to>
        <creator id="1">Master Admin</creator>
        <modifier id="1">Master Admin</modifier>
        <created>2009-11-03 17:14:25</created>
```

```
                <modified>2009-11-03 17:14:25</modified>
            </past_item>
          </past_items>
        </need>
      </needs>
    </group>
  </groups>
</response>
</ccb_api>
```

## Group Positions

The Group Positions service allows you to pass in a group ID and have the list of positions associated with that group be returned.

## Service Name

**group_positions**

## Required Parameters

**id**

## Optional Parameters

**None**

## Sample Request

curl 'http://dev/api.php?srv=group_positions&id=103' -u user:pwd

## Sample Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ccb_api>
<request>
  <parameters>
    <argument name="srv" value="group_positions" />
    <argument name="id" value="103" />
  </parameters>
</request>
<response>
<service>group_positions</service>
<service_action>execute</service_action>
<availability>public</availability>
  <groups count="1">
    <group id="103">
      <name>Men's Group</name>
      <positions>
        <position id="28">
          <name>Assistant</name>
          <purpose>Maintaine administrative organization.</purpose>
```

```xml
            <responsibilities>Help the leader with the tasks of running a group.</responsibilities>
            <start_date/>
            <end_date/>
            <position_holders>
              <position_holder id="2156">
                <name>Wanda Presley</name>
                <status id="2">Fills currently</status>
                <status_date>2003-12-10 07:47:04</status_date>
              </position_holder>
            </position_holders>
            <creator id="1">Master Admin</creator>
            <modifier id="1">Master Admin</modifier>
            <created>2003-12-10 07:46:15</created>
            <modified>2010-05-10 18:45:05</modified>
          </position>
          <position id="29">
            <name>Greeter</name>
            <purpose></purpose>
            <responsibilities></responsibilities>
            <start_date/>
            <end_date/>
            <position_holders/>
            <creator id="1">Master Admin</creator>
            <modifier id="1">Master Admin</modifier>
            <created>2004-02-15 13:03:29</created>
            <modified>2010-05-10 18:45:09</modified>
          </position>
          <position id="38">
            <name>Fill Position Bug Test</name>
            <purpose>this is to check if you fill the position and then resign can you fill a second time.</purpose>
            <responsibilities></responsibilities>
            <start_date/>
            <end_date/>
            <position_holders>
              <position_holder id="2266">
                <name>Whitney waters</name>
                <status id="1">Filled in past</status>
                <status_date>2007-03-21 14:02:18</status_date>
              </position_holder>
            </position_holders>
            <creator id="1">Master Admin</creator>
            <modifier id="1">Master Admin</modifier>
            <created>2007-03-21 13:54:51</created>
            <modified>2010-05-10 18:45:01</modified>
          </position>
        </positions>
      </group>
    </groups>
  </response>
</ccb_api>
```

# Where to Start

The Group Services API is available on your existing Church Community Builder account. A few of the Group Services are able to update data, so care should be taken when using that service.

After creating and assigning API accounts, use that information to create applications that communicate with your API.

## Accessing the Services

The API services can be accessed via the https (port 443) protocol. For the security of church partner data, Church Community Builder has chosen to encrypt all transmissions of data, instead of using the standard http (port 80) port.

The address to be used for accessing the services is displayed in the API Admin section of the Church Community Builder application.

## Login & Password

Logins and passwords are created and assigned through the API Admin section within the Church Community Builder application. Logins are assigned access to each service individually so control can be kept on what services are available if, for instance, the service login is for an external web development company.

This login and password is not the same as the Church Community Builder User Community account and will not allow a user access to the Church Community Builder application.