

Groups Service API v2



API V3 Recommended

March 27, 2019 – [Groups Service API v3](#) is recommended for production use. v3 includes JSON and has Swagger documentation.

- [Groups Service API v2 Resources](#)
 - [Group Information](#)
 - [Membership](#)
 - [Member](#)
 - [Searches](#)
 - [Group History](#)
 - [Group Affiliate](#)
- [Large membership changes](#)
- [Use of POST method](#)
- [Sample Code](#)
- [Contact Us](#)

Groups Service API v2 Resources

Version 2 supports the authfactor, classification, membership dependency (dependson), and optin and optout ACLS.

Group Information

Group Information

[Get a group](#)
[Create a group](#)
[Update a group](#)
[Delete a group](#)

Membership

Membership

[Get membership](#)
[Get effective membership](#)
[Update membership](#)
[Delete membership](#)

Member

Member

[Get member\(s\)](#)
[Get effective member](#)
[Add member\(s\)](#)
[Delete member\(s\)](#)

Searches

Searches

[Search](#)

Group History

Group History

[Get history](#)

Group Affiliate

Group Affiliate

[Get an affiliate](#)
[Set an affiliate](#)
[Delete an affiliate](#)

Large membership changes

If you are making large membership changes, say more than a few hundred, your experience will be better if you split your activity into adds or deletes of fifty to a hundred members at a time. This tends to give you immediate feedback on successful changes and avoids possible session or connection timeouts.

Use of POST method

Warning: This use of POST is deprecated and will not be supported in future API versions.

The Groups v2 API accepts the POST method for two purposes:

1. URI too long

If your uri would be too long for likely transport to the web service you may enclose it in a POST, with the elements:

```
<span class="_method"> GET | PUT | DELETE </span>  
<span class="_uri"> uri </span>
```

included in the POST document. The path components of you actual URL must match those in the posted "_uri".

1. PUT content too big

If your PUT content would be too big for likely transport to the web service you may enclose it in a POST, with the element:

```
<span class="_method">PUT</span>
```

included in the POST document.

Sample Code

- [Ruby on Rails Client Sample Code](#)
- [Python Code Snippets for UW Groups Web Service](#)
- [How-to create, get, update, and delete a UW Groups Web Service resource with .NET](#)
- [PowerShell for Groups Service](#)
- [Test for group membership with java](#)
- [PHP example of operations with UW Groups Web Service](#)
- See also [Sample Client Code](#) (with more PHP, C#, Ruby, etc.)
- [Perl Sample Code](#)

Contact Us

Email help@uw.edu to contact the staff in UW-IT who oversee this wiki space and the groups service.

Announcements : Join groups-announce@uw.edu for service announcements.

Discussion : Discuss the service with other customers and users on groups-users@uw.edu.