

# 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.

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## 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](mailto: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](mailto:groups-announce@uw.edu) for service announcements.

Discussion : Discuss the service with other customers and users on [groups-users@uw.edu](mailto:groups-users@uw.edu).