
gs.group.member.add.json Documentation

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GroupServer.org

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1	Web hook	3
1.1	Synopsis	3
1.2	Description	3
1.3	Required arguments	3
1.4	Optional arguments	4
1.5	Returns	4
1.6	Example	4
2	Cookie	5
2.1	fromAddr	5
2.2	CURL Example	5
3	Changelog	7
3.1	2.0.0 (2015-06-17)	7
3.2	1.1.0 (2014-01-28)	7
3.3	1.0.0 (2014-01-10)	7
4	Indices and tables	9
5	Resources	11

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This product provides an API to allow people to be added to a [GroupServer](#) group, without an invitation being sent ¹. There are two slight variants:

- One is a web hook, designed to be used by external systems.
- The other requires a cookie for authentication, and is designed to be used by the JavaScript on [GroupServer](#) pages

Contents:

¹ The equivalent for inviting people is provided by `gs.group.member.add.json` <<https://github.com/groupserver/gsonlinegroups.net>>

1.1 Synopsis

```
/gs-group-member-add.json? token =<t> & groupId =<g> & email =<e> & fn =<n> [& biography  
=<b>] [& tz =<t>] & add
```

1.2 Description

The web hook `gs-group-member-add.json`, in the **site** context, adds a person to a group on the site.

- If the person is new to the system then a profile is created and the person is added to the group.
- If the person already has a profile then they are just added to the group.
- Otherwise an error is raised (see *Returns*).

1.3 Required arguments

token=<token>

The authentication token ¹

groupId=<groupId>

The identifier for the group that the person is joining.

email=<address>

The email address of the new *group* member. The email address is used as the identifier for the person (see *Returns*):

- If the email has never been seen by the system then a new profile is created,
- Otherwise an existing profile is added to the group.

fn=<name>

The name of the new member.

add

The action (no value needs to be set, but the argument must be present).

¹ See `gs.auth.token` for more information <<https://github.com/groupserver/gs.auth.token>>

1.4 Optional arguments

biography=<bio>

The HTML-formatted biography for the new member.

tz=<tz>:

The timezone for the new member.

Note Unlike the cookie version (see [Cookie](#)), the web hook can **only** handle the **basic** GroupServer profile information. This is because the hook is in the context of the site rather than the context of a group (because the hook is visible to the public, but the group may be secret) and groups can have specific settings.

1.5 Returns

On completion a JSON object is returned. In the returned object the *status* and *message* fields are always set, with the *user* field usually set.

class Returns ()

status

- 0: success, as a profile was created and the person was added to the group.
- 1: success, as a person with an existing profile was added to the group.
- 256: failure, as the person was already a group member.
- 257: unexpected failure.

message

A message explaining the status.

user

In the case that a new member was added to the group, or the person was already a member of the group (the statuses 0, 1, and 256) then the *user* property will be set with the standard user-property values set (see the [core web-hook documentation](#)).

1.6 Example

Add a person with the name A Person and the email a.person@home.example.com to the test group on groups.example.com using **wget**.

```
$ wget http://groups.example.com/gs-group-member-add.json \
  --post-data='token=Fake&groupId=test&email=a.person@home.example.com@fn=A%20Person&add'
```

Cookie

The impetus for creating this end-point is to provide an mechanism for the JavaScript based bulk adding¹. To see a list of available parameters, including which parameters are required, make a GET request to `gs-group-member-add.json` in the Group context.

To add, make a POST request to `gs-group-member-add.json`, supplying all required data via the `application/x-www-form-urlencoded` content-type. This request must include the parameter `submit` to indicate the request is to be processed². This request must also pass a cookie with the parameter `__ac` and a value that corresponds to an authenticated session.

2.1 fromAddr

The documentation provided by `gs-group-member-add.json` indicates that `fromAddr` is required, but does not indicate that only certain values are accepted: `fromAddr` must be an email address associated with the authenticated session the submitted cookie corresponds to.

2.2 CURL Example

Assuming an instance of GroupServer is running at `gsbox`, the following example will attempt to add a user to the Example Group:

```
$ curl -H "Accept: application/json" -b "__ac=<VALUE_FROM_BROWSER>" \
-X POST -d "toAddr=example_user%40example.com&fn=Example%20User&delivery=email&message=Hi&fromAddr="
http://gsbox/groups/example_group/gs-group-member-add.json
```

In Firefox, if you are logged into your GroupServer instance, you can find the value for `__ac` at `<chrome://browser/content/preferences/cookies.xul>`.

¹ The code for adding people in bulk is provided by `gs.group.member.add.csv` <https://github.com/groupserver/gs.group.member.add.csv>

² Blame `zope.formlib` for requiring the `submit` parameter. Or just blame HTTP and HTML for being generally messed up when it comes to forms.

Changelog

3.1 2.0.0 (2015-06-17)

- Adding a web hook
- Adding `Sphinx` documentation

3.2 1.1.0 (2014-01-28)

- Sanitising the addresses before returning them
- Updating the product metadata

3.3 1.0.0 (2014-01-10)

Initial version, forked off `gs.group.member.add.base` and using the same API as `gs.group.member.invite.json`. Prior to the creation of this product people could only be added to groups using HTML forms.

Indices and tables

- `genindex`
- `modindex`
- `search`

Resources

- Code repository: <https://github.com/groupserver/gson.group.member.add.json>
- Questions and comments to <http://groupserver.org/groups/development>
- Report bugs at <https://redmine.iopen.net/projects/groupserver>

A

add
 command line option, 3

B

biography=<bio>
 command line option, 4

C

command line option
 add, 3
 biography=<bio>, 4
 email=<address>, 3
 fn=<name>, 3
 groupId=<groupId>, 3
 token=<token>, 3
 tz=<tz>:, 4

E

email=<address>
 command line option, 3

F

fn=<name>
 command line option, 3

G

groupId=<groupId>
 command line option, 3

M

message (None attribute), 4

R

Returns() (class), 4

S

status (None attribute), 4

T

token=<token>
 command line option, 3
tz=<tz>:
 command line option, 4

U

user (None attribute), 4