
gs.profile.json Documentation

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This product provides a view of a profile of a [GroupServer](#) group member in JSON format, which is used by the *member export* system. This product also provides some utilities that are used to format user-objects so they can be formatted into JSON object.

Contents:

JSON view of a profile page

The JSON view of the profile, `profile.json` in the *profile* context, returns the profile information to people who are logged in. It is used by the `gs.group.member.export` system to produce a CSV of profile information for the group members.

See also The `gs.search.people` product allows external systems to get a JSON view of a profile
<<https://github.com/groupserver/gs.search.people>>

gs.profile.json API

The `gs.profile.json` module provides three utility functions that provide dictionaries that can be easily converted into a JSON object.

user_info (*siteInfo*, *userInfo*)

Turn a user-info object into a dictionary

Parameters

- **siteInfo** (`Products.GSContent.interfaces.IGSSiteInfo`) – The site-information object
- **userInfo** (`Products.GSProfile.interfaces.IGSUserInfo`) – The user-information object

Returns

A dictionary:

- **id**: the user-identifier
- **name**: the name of the user
- **url**: the URL of the profile page

Return type `collections.OrderedDict`

groups (*siteInfo*, *userInfo*)

Get the groups that a person belongs to on a site

Parameters

- **siteInfo** (`Products.GSContent.interfaces.IGSSiteInfo`) – The site-information object
- **userInfo** (`Products.GSProfile.interfaces.IGSUserInfo`) – The user-information object

Returns The identifiers for the groups that the user belongs to on the site.

Return type A list of strings

email_info (*siteInfo*, *userInfo*)

Parameters

- **siteInfo** (`Products.GSContent.interfaces.IGSSiteInfo`) – The site-information object

- **userInfo** (`Products.GSProfile.interfaces.IGSUserInfo`) – The user-information object

Returns

A dictionary:

- `all`: all the email addresses.
- `preferred`: the preferred delivery addresses.
- `other`: the verified addresses that are not preferred.
- `unverified`: the email addresses that are yet to be verified.

Return type `collections.OrderedDict`

2.1 Example

In the following example a `userInfo` object is created, and turned into a dictionary. The list of email addresses and groups are attached, and the entire thing is converted into a JSON-formatted string.

```
r = {}
userInfo = createObject('groupserver.UserFromId',
                        self.context, userId)
if not userInfo.anonymous:
    r = user_info(self.siteInfo, userInfo)
    r['email'] = email_info(self.siteInfo, userInfo)
    r['groups'] = groups(self.siteInfo, userInfo)
retval = json.dumps(r)
return retval
```

Changelog

3.1 1.1.0 (2015-06-17)

- Adding the `utils`
- Adding the Sphinx [documentation](#)

3.2 1.0.0 (2015-02-03)

Initial version. Prior to the creation of this product the profile information was only available as HTML.

Indices and tables

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

Resources

- Documentation: <http://groupserver.readthedocs.io/projects/gprofilejson>
- Code repository: <https://github.com/groupserver/gs.profile.json>
- Questions and comments to <http://groupserver.org/groups/development>
- Report bugs at <https://redmine.iopen.net/projects/groupserver>

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