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# **gs.group.member.leave.base Documentation**

***Release 5.1.0***

**GroupServer.org**

April 28, 2016



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**Date** 2015-06-26

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The `gs.group.member.leave.base` product provides the code deals with group members leaving [GroupServer](#) groups, whether voluntarily or as the result of an administrator's action. It provides a page ([Leave page](#)) that allows a member to leave a group, the email notification that are sent out when a member leaves a group ([Notifications](#)), and the code for handling the removal of a person from a group ([gs.group.member.leave.base API](#)).

Contents:



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### Leave page

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The *Leave* page, `leave.html`, is in the **groups** context. It is necessary for this page to be outside the **group** context, otherwise the former member would get a *Permission Denied* **after** he or she left a *secret* group.

Rather than simply providing a button that removes the member from the group, the *Leave* page presents the user a choice for reducing the amount of email. The hypothesis is that members often leave because they get overwhelmed by email. Giving the member the choice of going onto *Topics digest* or *Web only* may reduce the numbers leaving.





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## Notifications

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Two notifications are provided by this product: *you have left* and *member has left*. Both are sent by the `leave_group()` function.

### 2.1 You have left

This notification tells the former member that he or she has left. It is sent from the **Support** email address, which is quite important: if it comes from the group that has been left then it is (highly) likely to be marked as spam.

The notification is provided by `gs-group-member-leave-notification.html` in the *group* context.

### 2.2 Member has left

This notification is sent to the group administrators telling them that the member has left.

The notification is provided by `gs-group-member-leave-left.html` in the *group* context.



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## gs.group.member.leave.base API

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The published API for the `gs.group.member.leave.base` product consists of the *GroupLeaver* class and the *leave\_group()* function.

**class** `gs.group.member.leave.base.GroupLeaver` (*groupInfo*, *userInfo*)  
 Handle leaving a group.

### Parameters

- **groupInfo** (`Products.GSGroup.interfaces.IGSGroupInfo`) – The group the member should leave
- **userInfo** (`Products.CustomUserFolder.intefaces.IGSUserInfo`) – The member leaving the group.

**removeMember** ()

Remove a member from a group

**Returns** A description of what occurred.

**Return type** `str`

The *GroupLeaver.removeMember()* method removes the member from the group, and clears the positions that they may have had in the group: moderator, group administrator, participation coach, and moderated member.

The email settings of the member are left unchanged.

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### Todo

posting member, and email settings should be cleared?

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**gs.group.member.leave.base.leave\_group** (*groupInfo*, *userInfo*, *request*)

Utility function to remove someone from a group.

### Parameters

- **groupInfo** (`Products.GSGroup.interfaces.IGSGroupInfo`) – The group the member should leave
- **userInfo** (`Products.CustomUserFolder.intefaces.IGSUserInfo`) – The member leaving the group.
- **request** (`zope.publisher.interfaces.browser.IBrowserRequest`) – The current browser request.

The *leave\_group()* function

- Removes the member from a group,
- Sends a notification ([Notifications](#)) to the member that they have left, and
- Sends a notification to all the administrators that the member has left the group.

## 3.1 Example

The code is not as sophisticated as the Joining User code. The *GroupLeaver* is instantiated, and the *GroupLeaver.removeMember()* method is called.

```
leaver = GroupLeaver(self.groupInfo, self.loggedInUser)
leaver.removeMember()
```

More useful is the *leave\_group()* utility function, which is used by the user-interfaces to remove a person from a group and people that the member has left.

```
leave_group(self.groupInfo, userInfo, self.request)
```

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## Changelog

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### 4.1 5.1.0 (2016-04-10)

- Switching the opening salutation in the notifications from *Dear* to *Hello*
- Added internationalisation support
- Following the members-info class to `gs.group.member.base`
- Handling the corner-case of someone leaving when the group administrator lacks a verified email address

### 4.2 5.0.1 (2015-06-25)

- Dealing with odd profiles that are but are not in a group

### 4.3 5.0.0 (2015-06-15)

- Renaming the product `gs.group.member.leave.base`
- Moving the list command and related notifications to `gs.group.member.leave.command`
- Fixing a link in the *Member left* notification

### 4.4 4.0.1 (2015-01-30)

- Fixing the group-URL and email address in the `mailto:` of the *Not a member* notification

### 4.5 4.0.0 (2014-09-03)

- Adding an HTML form of the *You have left* notification
- Adding an HTML form of the *Member has left* notification
- Adding a list command
  - Refactor `leave_group` into a function

- Further PEP-8 OCD changes.

## 4.6 3.0.3 (2014-07-11)

- Following `gs.content.form` to `gs.content.form.base`

## 4.7 3.0.2 (2013-10-09)

- Switching to the new `del_group` method of the `ucstom` user.
- Using the correct Home icon.

## 4.8 3.0.1 (2013-08-09)

- Updating the license and copyright.

## 4.9 3.0.0 (2013-05-20)

- Moving the leave-link to `gs.group.member.info`.
- Adding breadcrumbs, and bringing the page up-to-date with the current style.
- Further (PEP-8) code cleanup.

## 4.10 2.0.3 (2012-09-20)

- Minor (PEP-8) code cleanup, thanks to Ninja-IDE

## 4.11 2.0.2 (2012-07-12)

- Switching the *Leave* page to be full-page.

## 4.12 2.0.1 (2012-06-22)

- Update to the SQLAlchemy

## 4.13 2.0.0 (2012-02-24)

- Fixing the auditor, and adding the *group leave* event
- Tidying the Leave page, and fixing the `__init__` of the `Leaver`

## 4.14 1.0.4 (2011-05-23)

- Updating the *Leave* page to use the standard message content-provider
- Changing the permissions on the *Leave* link.

## 4.15 1.0.3 (2010-10-07)

- Following the radio button to its new home.

## 4.16 1.0.2 (2010-09-23)

- Bug fixes
- New `version.py`
- Tweaks to logging and notification
- Moved utility from `gs.group.member.manage`, and it now checks for membership

## 4.17 1.0.1 (2010-08-12)

- Minor white-space update.

## 4.18 1.0.0 (2010-07-30)

- Created new product for leaving a group
- Moved the group-leaving-auditor from `Products.GSGroupMember`





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## Indices and tables

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



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### Resources

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- Documentation: <http://groupserver.readthedocs.io/projects/gsgroupmemberleavebase/>
- Code repository: <https://github.com/groupserver/gs.group.member.leave.base/>
- Questions and comments to <http://groupserver.org/groups/development>
- Report bugs at <https://redmine.iopen.net/projects/groupserver>



## G

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