
gs.profile.status.send Documentation

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GroupServer.org

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This product provides the script that sends the *Profile-status* notification (*What is happening in your groups*) to the members of a [GroupServer](#) instance.

Contents:

sendprofile

Synopsis

```
sendprofile [-h] [-c <CONFIG>] [-i <INSTANCE>] [-t <TIME>] [-v] url
```

Description

sendprofile sends the monthly profile-status notification out to all the people with profiles in a GroupServer instance. Normally it is called by *cron(8)*.

Positional Arguments

url

The URL for the GroupServer site.

Optional Arguments

-h, --help

Show a help message and exit

-c <CONFIG>, --config <CONFIG>

The name of the GroupServer *Configuration file* (default *INSTANCE_HOME/etc/gsconfig.ini*) that contains the token that will be used to authenticate the script when it tries to add the email to the site.

-i <INSTANCE>, --instance <INSTANCE>

The identifier of the GroupServer instance configuration to use (default *default*).

-v, --verbose

Turn on verbose output (default is silent).

-t <TIME>, **--throttle** <TIME>

The time (in seconds) to pause when the notifications is successfully sent (default 0). For large sites sending the notification can be computationally expensive, and adding a throttle allows other requests to be processed by the server.

Returns

sendprofile returns

- 0 on success,
- 130 if the user terminated the program (Control-c), or
- A value following the convention specified in `/usr/include/sys/exits.h`.

CHAPTER 2

Configuration file

The configuration for the **sendprofile** script is handled by the `gs.config` module¹. It shares its authentication with the `smtp2gs` script².

¹ See `gs.config` <<https://github.com/groupserver/gs.config>>

² See `gs.group.messages.add.smtp2gs` <<https://github.com/groupserver/gs.group.messages.add.smtp2gs>>

`gs.profile.status.send` Internals

The `gs.profile.status.send` does not have a public API, other than what is provided by the script itself. However, the internals are documented below.

The script

The **sendprofile** script is provided by the module `script`. The `main()` function takes the name of the default configuration file a single argument, which is normally supplied by `buildout` when it generates the **sendprofile** script from the entry point.

The list of people

```
gs.profile.status.send.script.PROFILE_URI = u'/gs-profile-status-members.html'
```

The URL of the web-hook that returns (as a JSON blob) the list of profile IDs

```
gs.profile.status.send.script.get_userIds (hostname, token)
```

Get the list of profiles to send the notification to.

Parameters

- **hostname** (*str*) – The name of the host to use.
- **token** (*str*) – The token to use for authentication.

Raises **NotOk** – When the page does not return an HTTP 200 status code.

Returns A list of strings

Return type `list`

Sending the notification

```
gs.profile.status.send.script.SEND_STATUS_URI = u'/gs-profile-status-send.html'
```

The URL of the web-hook used to send a digest to a group

```
gs.profile.status.send.script.send_status(hostname, userId, token)
```

Send a profile-status notification for a particular person

Parameters

- **hostname** (*str*) – The name of the host to use.
- **userId** (*str*) – The identifier for the person.
- **token** (*str*) – The token to use for authentication.

Raises **NotOk** – When the page does not return an HTTP 200 status code.

The script proper

```
gs.profile.status.send.script.main(configFileName=u'etc/gsconfig.ini')
```

Send the profile status to all the members, using web-hooks

Parameters **configFileName** (*str*) – The name of the configuration file.

```
gs.profile.status.send.script.show_progress(profileId, curr, total)
```

Show the progress for sending the profile

Parameters

- **profileId** (*str*) – The identifier for the profile.
- **curr** (*int*) – The current index of the person.
- **total** (*int*) – The total number of people.

`show_progress()` displays the *verbose* feedback. A progress bar is also displayed if the terminal supports it.

```
gs.profile.status.send.script.show_done(r)
```

Show feedback when the notification is sent

Parameters **r** (*dict*) – The response from the server

CHAPTER 4

Changelog

1.0.1 (2015-09-25)

- Fixing the verbose output, allowing it to be turned *off*
- Catching keyboard interrupts (*Control-c*)

1.0.0 (2015-05-26)

- Initial version.

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Indices and tables

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