CLI documentation

1 - Installation

In order to install FusionForge's commandline interface (CLI), you must have PHP installed in your local machine. The PHP 5.3 or 5.4 versions are highly recommended. Also, PHP must be compiled *without* the `--disable-cli` parameter in order to create the PHP binaries.

You must check in which directory you have your PHP binary installed. The directory is the prefix that was specified when compiling PHP (if no prefix was defined, it defaults to `/usr`, so the PHP binary is located in `/usr/bin/php`). You can check in which directory it is installed by issuing the following command:

```
# which php
/usr/bin/php
```

In this case, the PHP binary is `/usr/bin/php`.

NOTE: If you intend using the CLI for administering a FusionForge installation via an HTTPS connection, you must compile PHP with the CURL extension (using the `--with-curl` option in the configure script).

Once you have PHP properly installed, you must download and uncompress the CLI to a directory in your local machine.

Once you've uncompressed the CLI, you must edit `$PREFIX/gforge.php` (where `$PREFIX` is the directory in which the CLI was uncompressed) using your favorite editor and change the following:

1. Change the first line which says

```
#!/usr/bin/php -q
```

to make it point to the path of the PHP binary in your machine (if it is different from `/usr/bin/php`).

2. Find the Configuration section in the script (marked between comments) and change the following constants:

- `NUSOAP_DIR`: Points to the installation directory of the NuSOAP PHP Library. A copy of the library is located in `$PREFIX/nusoap/lib/`.
- `GFORGE_CLI_DIR`: Points to the directory where the CLI auxiliary files are to be found. It usually is `$PREFIX/include/`.
- `WSDL_URL` (optional): URL of the WSDL of your FusionForge's SOAP server. It is probably located in `http//:(your_fusionforge_server)/soap/index.php?wsdl`. You can see if the URL is correct by entering it in your browser, you should get an XML file from the server as the result. If this variable isn't set, the CLI will try to use the WSDL specified in the `GFORGE_WSDL` environment variable.

3. Make sure the `gforge.php` script has execution permissions. If not, set the permission by issuing the following command:

```
chmod +x $PREFIX/gforge.php
```

After everything is properly set up, you must test the installation works correctly. For this, try logging into the server by issuing a "login" command. For this, change your current working directory to the directory in which you uncompressed the CLI and execute the following:

```
[marcelo@cli]$ ./gforge.php -v login --username=(your user) --password=(your password)
GForgeSOAP::Connecting to the server http//:gforge/soap/index.php?wsdl...
GForgeSOAP::Connected!
GForgeSOAP::Executing command login...
Logged in as user (your user) , using session string
MTAyLSotMTEyMzA4Mjg5My0qLTEyNy4wLjAuMS0qLU51U09BUC8wLjYuOSAoMS4xLjEuMSk=-*-824
c9f9010931f7872f4b9826c460ed3
Logged in.
```

The message you see may vary depending on the configuration of your server. If you get an error like "*Fatal error: wsdl error: HTTP ERROR: Couldn't open socket connection to server http//:(your server) prior to connect().*", it means that your computer can't connect to the FusionForge server. In this case, you must make sure the address is written correctly and that you can access the server from your computer.

2 - Usage

The basic form for invoking the CLI is the following:

```
# ./gforge.php [program options] [module name] [function name] [function parameters]
```

- Program options:
  - *-v*: Verbose. Give a detailed output of what's going on.
  - *-h*: Help. Display help on how to use the program.
- Module name: A "module" is a grouping of functions that act over a specific part of the FusionForge system. Currently, the following modules are available:
  - (none): If the module is empty, system-wide functions are accessible (i.e., login to the server)
  - `project`: Module that deals with project administration
  - `frs`: File Release System module
  - `task`: Task management module
  - `tracker`: Tracker management module
  - `wiki`: Wiki management module
- Function name: The name of the function to invoke depends on the module being called. For details, see section 3.
- Function parameters: The parameters also depend on the function being called. See section 3.

3 - Module functions and parameters

3.1 - System wide functions

These functions do not act over a specific module. They are the following:

login: Log in to the server

- *--username*[*1]: Specifies the name of the user you'll be working with. The username is the one you usually use in the FusionForge login page.
- *--password*: Specifies the password to login with. If none is provided, you will be asked for one interactively.
- *--project*: UNIX name of the project you plan working on. If you don't specify this, any future function call will require you to specify the project in which the function will be applied.

[1]An asterisk (*) means that the parameter is required

Example:

```
[marcelo@cli]$ ./gforge.php login --username=joe --password=sixpack --project=myproject
Logged in.

(OR)

[marcelo@cli]$ ./gforge.php login --username=walrus --project=myproject
Password: xxxxxxxx
Logged in.
```

logout: End a session. This removes all the information of the session from your computer.

Example:

```
[marcelo@cli]$ ./gforge.php logout
Session terminated.
```

3.2 - Project management

list: Display the list of public projects.

Example:

```
[marcelo@cli]$ ./gforge.php project list
+----------------+
|  Project name  |
+----------------+
| svntest        |
| template       |
| phpexplorer    |
+----------------+
```

mylist: Display the list of projects assigned to the user you're logged in with.

Example:

```
[marcelo@cli]$ ./gforge.php project mylist
+----------+-------------+--------------------+-----------+--------+-----------------+
| group_id | group_name  |      homepage      | is_public | status | unix_group_name |
+----------+-------------+--------------------+-----------+--------+-----------------+
| 7        | svntest     | svntest.gforge     | 1         | A      | svntest         |
| 5        | PHP Explorer| phpexplorer.gforge | 1         | A      | phpexplorer     |
+----------+-------------+--------------------+-----------+--------+-----------------+


+-----------------------------------------------------------+
|                   short_description                       |
+-----------------------------------------------------------+
| We will use this project to test the SVN plugin and stuff.|
| This tool allows you to browse the server's files         |
+-----------------------------------------------------------+


+---------------------+---------------+
|       scm_box        | register_time |
+---------------------+---------------+
| gforge               | 1117735073    |
| phpexplorer.gforge   | 1113835609    |
+---------------------+---------------+
```

3.3 - FRS (File Release System)

packages: Retrieve a list of the available FRS packages for a project.

- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php frs packages
+------------+------------------------------+-----------+-----------+
| package_id |              name            | status_id | is_public |
+------------+------------------------------+-----------+-----------+
| 4          | myproject                    | 1         | 1         |
| 8          | package from the CLI         | 1         | 1         |
| 9          | package from the CLI 2       | 1         | 0         |
+------------+------------------------------+-----------+-----------+
```

addpackage: Adds a new package to the FRS.

- *--name**: Name of the new package.
- *--public*: Whether the package should be public or not ("y" or "n", default="y")
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php frs addpackage --name="New package added from the CLI" --public=n
11
```

Note: The value returned (11) is the ID of the new package.

releases: Show the releases of a particular package

- *--package**: ID of the package
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php frs releases --package=4
+------------+------------------------------------+-----------+--------------+
| release_id |                name                | status_id | release_date |
+------------+------------------------------------+-----------+--------------+
| 5          | release #1                         | 1         | 1119884760   |
| 6          | Release #2                         | 1         | 1119966660   |
+------------+------------------------------------+-----------+--------------+
```

addrelease: Add a release to a package

- *--name**: Name of the new release
- *--package**: ID of the package the release will be created in
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php frs addrelease --package=11 --name="Release 0.9.1"
12
```

Note: The value returned (12) is the ID of the new release.

files: List the files that are available in a particular release

- *--package*[*]: ID of the package the release belongs to
- *--release*[*]: ID of the release
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php frs files --package=4 --release=7
+---------+-----------------+---------+-------+-----------+-----------+------------+-----------+
| file_id |      name       |  size   | type  | processor | downloads |  release   |   date    |
+---------+-----------------+---------+-------+-----------+-----------+------------+-----------+
| 9       | somefile.tex    |         | Other | Other     | 1         | 1120149267 |           |
+---------+-----------------+---------+-------+-----------+-----------+------------+-----------+
```

addfile: Add a file to a release

- *--package*[*]: ID of the package the release belongs to
- *--release*[*]: ID of the release
- *--file*[*]: File to add
- *--type*: Type ID of the file. The available types are listed on the frs_filetype table in the FusionForge database.
- *--processor*: Processor ID for this file. The available processors are listed on the frs_processor table in the FusionForge database.
- *--date*: Release date. The date must be in format YYYY-MM-DD.
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php frs addfile --package=11 --release=12 \
--file=/home/marcelo/somediff.diff --type=5900 --processor=8000 --date=2005-08-03
16
```

Note: The value returned (16) is the ID of the new file.

getfile: Retrieve a file from the project

- *--package*[*]: ID of the package the release belongs to
- *--release*[*]: ID of the release
- *--id*[*]: ID of the file to download
- *--output*: Name of the file to write the downloaded file to. If none is specified, the file is output to the screen
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php frs getfile --package=11 --release=12 --id=16 \
--output=/home/marcelo/tmp.diff
File retrieved successfully.
```

3.4 - Task management

groups: List the task groups in a project

- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php task groups
+-----------------+----------+---------------+----------------------------+
| group_project_id | group_id |      name     |         description        |
+-----------------+----------+---------------+----------------------------+
| 8               | 5        | To Do         | Things We Have To Do       |
| 9               | 5        | Next Release  | Items For Our Next Release |
+-----------------+----------+---------------+----------------------------+


+-----------+-------------------+
| is_public | send_all_posts_to |
+-----------+-------------------+
| 1         |                   |
| 1         |                   |
+-----------+-------------------+
```

list: List the tasks in a particular group.

- *--group**: ID of the task group
- *--assigned_to*: User ID. Specify this if you want to see all the tasks assigned to a certain user.
- *--category*: Category ID.
- *--status*: Status ("open" or "closed"). If ommited, it returns all the tasks.
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php task list --group=9 --assigned_to=102 --category=100 --status=open
Array
(
    [0] => Array
        (
            [project task id] => 14
            [group project id] => 9
            [summary] => New item
            [details] => This is the description
            [percent complete] => 30
            [priority] => 3
            [hours] => 10
            [start date] => 1119545944
            [end date] => 1120150744
            [status id] => 1
            [category id] => 100
            [dependent on] => Array
                (
                    [0] => 6
                )
            [assigned_to] => Array
                (
                    [0] => 102
                )
        )
)
```

categories: List the available categories for the tasks belonging to a specific group.

- *--group**: ID of the group.
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php task categories --group=9
+-------------+---------------+
| category_id | category_name |
+-------------+---------------+
| 101         | Category 1    |
| 102         | Category 2    |
| 103         | Category 3    |
+-------------+---------------+
```

add: Add a new task.

- *--group**: ID of the task group.
- *--summary**: Summary for the task.
- *--details**: Details for the task.
- *--priority*: Priority (1: lowest priority, 5: highest priority). If none is specified, it defaults to 3.
- *--hours*: Amount of hours assigned to this task.
- *--start_date*: Start date for the task. If none is specified, it defaults to today.
- *--end_date*: End date for the task. If none is specified, it defaults to a week after the start date.
- *--category*: Category ID of the task.
- *--percent*: Percent completed for this task (default: 0).
- *--assigned_to*: List of comma-separated user IDs this task is assigned to.
- *--dependent_on*: List of comma-separated task IDs this task depends on.
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php task add --group=8 --summary="Optimize the SQL commands" \
--details="There are some slow queries that need to be optimized" --priority=4 --hours=15 \
--start_date=2005-08-27 --end_date=2005-09-02 --category=105 --percent=10 \
--assigned_to=102,103 --dependent_on=17
Confirm you want to add a new tracker with the following information:
Project: PHP Explorer
Group: To Do
Summary: Optimize the SQL commands
Priority: 4
Estimated hours: 15
Start date: 2005-08-27
End date: 2005-09-02
Category: Category 2
% complete: 10%
Assigned to: Joe Sixpack (joesix) , John Smith (jsmith)
Dependent on: Update database driver
Details:
There are some slow queries that need to be optimized
Is this information correct? (y/n): y
18
```

update: Update the information of a task.

- *--group**: The group the task belongs to.
- *--id**: ID of the task to be modified.
- *--summary*: Summary.
- *--details*: Details.
- *--priority*: Priority (1: lowest priority, 5: highest priority)
- *--hours*: Amount of hours.
- *--start_date*: Start date.
- *--end_date*: End date.
- *--category*: Category ID.
- *--percent*: Percent complete.
- *--status*: Status ("open" or "closed")
- *--assigned_to*: Comma-separated list of user IDs the task is assigned to. Note that the old list gets overwritten if a new list is specified.

- *--dependent_on*: Comma-separated list of task IDs the task depends on. Note that the old list gets overwritten if a new list is specified.
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php task update --group=8 --id=18 --percent=100 --status=closed
Confirm you want to update the task with the following information:
Project: PHP Explorer
Group: To Do
Task summary: Optimize the SQL commands
> Percent complete: 100%
> Status: Closed
Is this information correct? (y/n): y
18
```

3.5 - Tracker management

typelist: Display a list of the trackers for the project.

- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php tracker typelist --group=gforge
Array
(
    [0] => Array
        (
            [group artifact id] => 113
            [group id] => 5
            [name] => Bugs
            [description] => Bug Tracking System
            [is public] => 1
            [allow anon] => 0
            [due period] => 2592000
            [datatype] => 1
            [status timeout] => 1209600
            [extra fields] => Array
(... list of trackers and fields ...)
```

list: Display a list of artifacts that belong to a specified tracker.

- *--type*[*]: ID of the tracker.
- *--assigned_to*: Show only the artifacts assigned to this user ID.
- *--status*: Show only the artifacts with this status ID.
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php tracker list --type=113 --status=0 --assigned to=102
Array
(
    [0] => Array
        (
            [artifact id] => 5
            [group artifact id] => 113
            [status id] => 2
            [priority] => 3
            [submitted by] => 102
            [assigned to] => 102
            [open date] => 1115311786
            [close date] => 1125064392
            [summary] => New bug
            [details] => small bug
            [extra fields] => Array
                (
                    [0] => Array
                        (
                            [extra field id] => 128
                            [field data] => 40
                        )
                    [1] => Array
                        (
                            [extra field id] => 129
                            [field data] => 41
                        )
                    [2] => Array
                        (
                            [extra field id] => 130
                            [field data] => 42
                        )
                )
        )
)
```

add: Add a new artifact to a tracker

- *--type**: Tracker ID the new artifact will belong to.
- *--priority*: Priority of the artifact (1: lowest, 5: highest). If not specified, defaults to 3.
- *--assigned_to*: Comma-separated list of user IDs this artifact will be assigned to.
- *--summary*: Summary for the artifact.
- *--details*: Details for the artifact.
- *--[extra_field_name]*: Extra field value. `extra_field_name` must be replaced by the *alias* of the extra field. The value of the extra field depends on its type.
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php tracker add --type=116 --priority=4 --assigned_to=102 \
--summary="Back button is not working" --version=52 \
--details="When I read my email and I press the back button, a blank page appears"
Confirm you want to add a new tracker with the following information:
Project: PHP Explorer
Tracker type: Feature Requests
Priority: 4
Assigned_to: Marcelo Mottalli (walrus)
Summary: Back button is not working
Details:
When I read my email and I press the back button, a blank page appears
Is this information correct? (y/n): y
26
```

Note: In this example, "version" corresponds to an extra field and 52 is a valid value ID for this extra field. The value returned (26) is the ID of the new artifact.

update: Update an artifact information

- --*type**: Tracker ID the new artifact will belong to.
- --*id**: ID of the artifact to update.
- --*priority*: Priority of the artifact (1: lowest, 5: highest). If not specified, defaults to 3.
- --*assigned_to*: Comma-separated list of user IDs this artifact will be assigned to.
- --*status*: New status of the artifact (1: open, 2: closed)
- --*summary*: Summary for the artifact.
- --*details*: Details for the artifact.
- --*[extra_field_name]*: Extra field value. `extra_field_name` must be replaced by the *alias* of the extra field. The value of the extra field depends on its type.
- --*project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php tracker update --type=116 --id=26 --priority=5 \
--extra_field_notice_textfield="Increased priority"
Confirm you want to update the tracker with the following information:
Project: PHP Explorer
Tracker type: Feature Requests
Summary: Back button is not working
> Priority: 5
Is this information correct? (y/n): y
26
```

messages: Retrieve all the messages posted in an artifact.

- --*type**: Tracker ID.
- --*id**: Artifact ID.
- --*project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php tracker messages --type=116 --id=3
Array
(
    [0] => Array
        (
            [id] => 22
            [artifact id] => 3
            [body] => we will keep them gray
            [adddate] => 1117810766
            [user id] => 102
        )
    [1] => Array
        (
            [id] => 21
            [artifact id] => 3
            [body] => maybe we can add a gradient
            [adddate] => 1117809234
            [user id] => 102
        )
    [2] => Array
        (
            [id] => 20
            [artifact id] => 3
            [body] => i think most buttons should be green
            [adddate] => 1117723406
            [user id] => 102
        )
)
```

addmessage: Post a new message in an artifact.

- --*type**: Tracker ID the artifact belongs to.
- --*id**: Artifact ID.
- --*message**: Message to post.
- --*project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php tracker addmessage --type=116 --id=3 --message="I agree with you"
47
```

Note: The value returned (47) is the ID of the new message.

files: Show a list of files attached to the artifact.

- --*type**: Tracker ID.
- --*id**: Artifact ID.
- --*project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php tracker files --type=116 --id=3
Array
(
    [0] => Array
        (
            [id] => 11
            [artifact id] => 3
            [name] => screenshot.jpg
            [description] => 11
            [filesize] => 364983
            [filetype] => image/jpeg
            [adddate] => 1124372802
            [submitted by] => 102
        )
)
```

getfile: Download a file from an artifact.

- *--type**: Tracker ID.
- *--id**: Artifact ID.
- *--file_id**: ID of the file to download.
- *--output*: File name to save the file as. If not specified, the contents of the file are output to the screen.
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php tracker getfile --type=116 --id=3 --file_id=11 \
--output=/home/marcelo/screenshot.jpg
File retrieved successfully.
```

addfile: Attach a file to an artifact.

- *--type**: Tracker ID.
- *--id**: Artifact ID.
- *--file**: Local file to attach.
- *--description*: Description of the file.
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php tracker addfile --type=116 --id=3 \
--file=/home/marcelo/image patch.diff --description="This is the patch to apply"
12
```

Note: The value returned (12) is the ID of the new file.

technicians: Get a list of technicians assigned to a tracker.

- *--type**: Tracker ID.
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php tracker technicians --type=116
+---------+-----------+-------+-----------+----------+---------+----------+
| user_id | user_name | title | firstname | lastname | address | address2 |
+---------+-----------+-------+-----------+----------+---------+----------+
| 102     | walrus    | Mr    | Marcelo   | Mottalli |         |          |
+---------+-----------+-------+-----------+----------+---------+----------+


+-------+-----+--------+-----------+--------------+------------+-------------+
| phone | fax | status | timezone  | country_code | add_date   | language_id |
+-------+-----+--------+-----------+--------------+------------+-------------+
|       |     | A      | US/Alaska |              | 1113835347 | 1           |
+-------+-----+--------+-----------+--------------+------------+-------------+
```

3.6 - Document management

Note: All optional parameters, if not set, won't be changed from their original status.

listgroups: Show a list of available Document Groups and their corresponding IDs.

- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php document listgroups
+--------------+-----------------+--------------------------+
| doc_group_id | parent_doc_group |         groupname        |
+--------------+-----------------+--------------------------+
| 1            | 0               | Uncategorized Submissions |
+--------------+-----------------+--------------------------+
```

addgroup: Add a new document group for the project.

- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.
- *--name*[*]: Name of the new group.
- *--parent*: ID of the parent group.

Example:

```
[marcelo@cli]$ ./gforge.php document addgroup
Fatal error: You must specify a name for the group: (e.g.) --name="Group name"
[marcelo@cli]$ ./gforge.php document addgroup --name="Group name"
2
```

Note: The value returned (2) is the ID of the new group.

updategroup: Update a document group for the project.

- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.
- *--doc_group*[*]: Specify the ID of the document group
- *--parent_group*: ID of the new parent group.
- *--name*: New Group name

Example:

```
[marcelo@cli]$ ./gforge.php document updategroup
Fatal error: You must specify a document group id: (e.g.) --doc_group=3
[marcelo@cli]$ ./gforge.php document updategroup --doc_group=2 --name="Foo Bar"
Fatal error: : Document Folder already exists
[marcelo@cli]$ ./gforge.php document updategroup --doc_group=3 --name="Foo Bar"
Fatal error: : DocumentGroup: Invalid Document Folder ID
[marcelo@cli]$ ./gforge.php document updategroup --doc_group=2 --title="Foo Bar"
Update successful
```

listdocuments: Show a list of available Documents and their corresponding IDs.

- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.
- *--doc_group*[*]: Specify the ID of the document group this document belongs to.

Example:

```
[marcelo@cli]$ ./gforge.php document listdocuments
Fatal error: You must specify a document group id: (e.g.) --doc_group=3
[marcelo@cli]$ ./gforge.php document listdocuments --doc_group=1
No results
[marcelo@cli]$ ./gforge.php document listdocuments --doc_group=2
+-------+-----------+-------------+------------------+---------+----------+
| docid | doc_group |    title    |   description    | stateid | filesize |
+-------+-----------+-------------+------------------+---------+----------+
| 1     | 2         | My Fair Lady | My favorite novel | 1      | 0        |
+-------+-----------+-------------+------------------+---------+----------+
```

get: Get a document.

- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.
- *--doc_id*[*]: Specify the ID of the document to get.
- *--output*: Name of the file to write the document to. If none is specified, the file is output to the screen

Example:

```
[marcelo@cli]$ ./gforge.php document get
Fatal error: You must specify a document id: (e.g.) --doc_id=10
[marcelo@cli]$ ./gforge.php document get --doc_id=1
This document can be found in the following URL: http://www.fusionforge.org
```

adddocument: Add a document.

- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.
- *--doc_group*[*]: Specify the ID of the document group this document belongs to.
- *--title*[*]: New Document title (e.g. "Coding Standards").
- *--description*[*]: New Document description (e.g. "Coding Standards for MyProject").
- *--filename*: New File to be uploaded (path included).
- *--url*: Url where this document can be viewed.
- *--state_id*: Document state

Example:

```
[marcelo@cli]$ ./gforge.php document adddocument
Fatal error: You must specify a document group id: (e.g.) --doc_group=3
[marcelo@cli]$ ./gforge.php document adddocument --doc_group=2
Fatal error: You must specify a title for the new document: (e.g.) --title="Title name"
[marcelo@cli]$ ./gforge.php document adddocument --doc_group=2 --title="Title name"
Fatal error: You must specify a description for the new document:
    (e.g.) --description="This is a description"
[marcelo@cli]$ ./gforge.php document adddocument --doc_group=2 --title="Title name" \
                         --description="This is a description"
Fatal error: You must specify a filename or URL for the new document:
        (e.g.) --filename=/home/user/file.txt or --url=/document.html
[marcelo@cli]$ ./gforge.php document adddocument --doc_group=2 --title="Title name" \
                         --description="This is a description" \
                         --url=http://www.fusionforge.org
2
[marcelo@cli]$ ./gforge.php document adddocument --doc_group=2 --title="Other Title" \
                         --description="My description" \
3                        --url=http://www.fusionforge.org --state_id=1
```

Note: The value returned (2 or 3) is the ID of the new group.

updatedocument: Update a document.

- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.
- *--doc_group*: Specify the ID of the document group this document belongs to.
- *--doc_id*[*]: Specify the ID of the document to update.
- *--title*: New Document title (e.g. "Coding Standards").
- *--description*: New Document description (e.g. "Coding Standards for MyProject").
- *--filename*: New File to be uploaded (path included).
- *--url*: URL where this document can be viewed.
- *--state_id*: Document state

Example:

```
[marcelo@cli]$ ./gforge.php document updatedocument
Fatal error: You must specify a document group id: (e.g.) --doc_group=3
[marcelo@cli]$ ./gforge.php document updatedocument --doc_group=2
Fatal error: You must specify a document id: (e.g.) --doc_id=10
[marcelo@cli]$ ./gforge.php document updatedocument --doc_group=2 --doc_id=1
Update successful
```

getstates: Show a list of available Document states and their corresponding IDs.

- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php document getstates
+----------+-------------+
| state_id | description |
+----------+-------------+
| 1        | active      |
| 2        | deleted     |
| 3        | pending     |
| 4        | hidden      |
| 5        | private     |
+----------+-------------+
```

delete: Delete a document.

- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.
- *--doc_id**: Specify the ID of the document to delete.

Example:

```
[marcelo@cli]$ ./gforge.php document delete
Fatal error: You must specify a document id: (e.g.) --doc_id=17
[marcelo@cli]$ ./gforge.php document delete --doc_id=1
Document successfully deleted
```

3.7 - Wiki management

getallpagenames: Get the list of all pages in the wiki.

- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php wiki getallpagenames
AllPages
AllPagesByAcl
AllPagesCreatedByMe
AllPagesLastEditedByMe
AllPagesOwnedByMe
AllUserPages
AllUsers
(...)
```

recentchanges: Get the most recent changes in this wiki.

- *--limit*: number of recent changes to display (optional, defaults to 20)
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php wiki recentchanges --limit=2
HomePage
SandBox
```

getpage: Get the content of a given page.

- *--pagename**: name of the wikipage
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php wiki getpage --pagename=HomePage
{{colorbox
|text=<strong>Welcome to the wiki dedicated to your project!</strong>
|color=#90EE90
|bordercolor=green
}}


{|
|- class=top
| style="width: 50%" | {{titlebar|title=What is a wiki?}}

The wiki will allow you to easily create web pages to share information about your project.
You can experiment in the [[SandBox]].

| style="width: 50%" | {{titlebar|title=I need help}}

* Learn about [[Help:AddingPages|adding pages]].
* Check [[Help:TextFormattingRules|text formatting rules]].
* Browse all [[Help:../Help|Help pages]].


|}
```

getpagerevision: Get the content of a given revision of a page.

- --*pagename****: name of the wikipage
- --*revision****: revision number of the wikipage
- --*project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php wiki getpage --pagename=HomePage --revision=2
{| style="width:100%; border-style:solid; border-color:blue; border-width:2px"
|-
| [[Upload:logo.gif]]
| **Welcome to the FusionForge wiki site**
| [[http://sourceforge.net/projects/phpwiki/|Upload:poweredby_phpwiki_51x31.png]]
|}
```

getcurrentrevision: Get the number of the last revision of a page.

- --*pagename****: name of the wikipage
- --*project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php wiki getcurrentrevision --pagename=HomePage
3
```

getpagemeta: Get the metadata of a given page.

- --*pagename****: name of the wikipage
- --*project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php wiki getpagemeta --pagename=HomePage
hits: 11
locked: yes
```

createpage: Create or update a wiki page.

- *--pagename*[*]: name of the wikipage to create
- *--pagecontent*[*]: content of the wikipage to create
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php wiki createpage --pagename=MyPage --pagecontent="My Page Content"
Done
```

createpagefromfile: Create or update a wiki page, page content is taken from a file.

- *--pagename*[*]: name of the wikipage to create
- *--file*[*]: name of the file containing the wikicode of the wikipage to create
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php wiki createpagefromfile --pagename=MyPageFromFile --file=/tmp/file
error: file /tmp/file does not exist
[marcelo@cli]$ vi /tmp/file
[marcelo@cli]$ ./gforge.php wiki createpagefromfile --pagename=MyPageFromFile --file=/tmp/file
Done
```

replacestring: Replace a string by another one in a given page.

- *--pagename*[*]: name of the wikipage
- *--search*[*]: string to search
- *--replace*[*]: replace string
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php wiki replacestring --pagename=HomePage --search=wiki --replace=kiwi
Done
```

titlesearch: Get the list of page titles that contain a given text.

- *--s*[*]: string to search
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php wiki titlesearch --s=wiki
CategoryWiki templates
CategoryWiki user
InterWikiMap
PhpWikiAdministration
PhpWikiAdministration/Chown
PhpWikiAdministration/DeleteAcl
PhpWikiAdministration/Purge
(...)
```

fulltextsearch: Get the list of pages that contain a given text.

- *--s*[*]: string to search
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php wiki fulltextsearch --s=wiki
FullRecentChanges
InterWikiMap
LikePages
MyRecentChanges
MyRecentEdits
PageDump
PageHistory
(...)
```

listplugins: Get the list of all available plugins in this wiki.

- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php wiki listplugins
AddComment
AllPages
AllUsers
AppendText
AsciiMath
AsciiSVG
AtomFeed
AuthorHistory
(...)
```

getpluginsynopsis: Get the syntax and parameters of a given plugin.

- *--pluginname**: plugin name
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php wiki getpluginsynopsis --pluginname=PageHistory
<<PageHistory days= show_minor=1 show_major=1 limit=100 page=[pagename] format= >>
```

listlinks: List the links in a given page.

- *--pagename**: name of the wikipage where to list links
- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php wiki listlinks --pagename=HomePage
colorbox
```

listrelations: Get the list of all relations in this wiki.

- *--project*: UNIX name of the project. If none is specified, the project specified when you logged in will be used. If none was specified at that time, an error will be displayed.

Example:

```
[marcelo@cli]$ ./gforge.php wiki listrelations
city
country
(...)
```

CLI documentation Edition