

Site Configuration

There's a handy CLI tool available in recent versions of Moodle to get and set site and plugin/component configuration:

```
php admin/cli/cfg.php --help
```

Displays the current value of the given site setting. Allows to set it to the given value, too.

Usage:

```
# php cfg.php [--component=<componentname>] [--json] [--shell-arg]    # php cfg.php --
name=<configname> [--component=<componentname>] [--shell-arg] [--no-eol]  # php cfg.php --
name=<configname> [--component=<componentname>] --set=<value>          # php cfg.php --
name=<configname> [--component=<componentname>] --unset
# php cfg.php [--help|-h]
```

Options:

<code>-h --help</code>	Print this help.	<code>--component=<frankenstyle></code>	Name of the component the variable is part of. Defaults to core.	<code>--name=<configname></code>	Name of the configuration variable to get/set. If missing, print all configuration variables of the given component.	<code>--set=<value></code>	Set the given variable to this value.
<code>--unset</code>	Unset the given variable.	<code>--shell-arg</code>	Escape output values so that they can be directly used as shell script arguments.	<code>--json</code>	Encode output list of values using JSON notation.	<code>--no-eol</code>	Do not include the trailing new line character when printing the value.

Here are a few good examples of how to use it.

For a site configuration value e.g. the list of user ids who are site administrators.

```
php admin/cli/cfg.php --name=siteadmins
2
```

To search for a configuration value that you think might be set use good old grep:

```
php admin/cli/cfg.php | grep wwwroot
wwwroot=https://{yoursite.com}
```

For any component/plugin use the `{type}_{name}` format i.e. frankenstyle like `tool_log` or `enrol_manual` :

```
php admin/cli/cfg.php --component=tool_log
enabled_stores=logstore_standard
exportlog=1
version=2018120300

php admin/cli/cfg.php --component=enrol_manual
defaulttenrol=1
enrolperiod=0
enrolstart=4
expiredaction=1
expirynotify=0
expirynotifyhour=6
expirythreshold=86400
roleid=5
status=0
version=2018120300
```

You can also output `json` if you like (though you need to format json accordingly).

```
php admin/cli/cfg.php --component=enrol_meta --json | python -m json.tool
{
    "coursort": "sortorder",
    "nosyncroleids": "",
    "syncall": "1",
    "unenrolaction": "3",
    "version": "2018120300"
}
```

The `set` and `unset` options are particularly handy if you the site is not working due to a configuration option For example lets just set the auth methods available to `email` and remove `saml2` and `a2fa`.

```
php admin/cli/cfg.php --name=auth
```

```
email,saml2,a2fa
php admin/cli/cfg.php --name=auth --set=email
php admin/cli/cfg.php --name=auth
email
```

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