
modoboa-stats Documentation

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This plugin collects various metrics on your server and displays nice graphics. It uses RRD files to store data (see [rrdtool](#)) and then generates graphics [c3.js](#).

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CHAPTER 1

Setup

First, make sure `rrdtool` is installed on your server. By default, Modoboa will try the following locations to find the binary:

```
RRDTOOL_LOOKUP_PATH = ("/usr/bin/rrdtool", "/usr/local/bin/rrdtool", )
```

You can override this setting (`settings.py`) if it does not match your installation.

To use the extension, go to the online parameters panel and adapt the following ones to your environment:

Name	Description	Default value
Path to the log file	Path to log file used to collect statistics	<code>/var/log/mail.log</code>
Directory to store RRD files	Path to directory where RRD files are stored	<code>/tmp/modoboa</code>

Make sure the directory that will contain RRD files exists. If not, create it before going further. For example (according to the previous parameters):

```
$ mkdir /tmp/modoboa
```

To finish, you need to collect information periodically in order to feed the RRD files. Add the following lines into root's crontab:

```
*/5 * * * * <modoboa_site>/manage.py logparser &> /dev/null
#
# Or like this if you use a virtual environment:
# */5 * * * * <virtualenv path/bin/python> <modoboa_site>/manage.py logparser &> /dev/
↪null

0 * * * * <modoboa_site>/manage.py update_statistics
#
# Or like this if you use a virtual environment:
# 0 * * * * <virtualenv path/bin/python> <modoboa_site>/manage.py update_statistics
```

Replace `<modoboa_site>` with the path of your Modoboa instance.

Graphics will be automatically created after each parsing.