1 Setup 3
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.

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

```plaintext
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:

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

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

```sh
$ 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:

```sh
*/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.