

<http://www.coincoin.fr.eu.org/?HowTo-Munin-and-rrdcached-on>



HowTo : Munin and rrdcached on Ubuntu 12.04

- 6- Webographie -

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Let's expect you already have Munin installed and working and you want to reduce disk I/O and improve responsiveness by adding rrdcached... Here are the complete steps to integrate rrdcached :

Basic Installation

First install the stock package
`apt-get install rrdcached`

and integrate it with Munin :

1. Enable the rrdcached socket line in `/etc/munin/munin.conf`
2. Disable munin-html and munin-graph calls in `/usr/bin/munin-cron`
3. Create `/usr/bin/munin-graph` with

```
#!/bin/bash nice /usr/share/munin/munin-html $@ || exit 1 nice /usr/share/munin/munin-graph --cron $@ || exit 1
```


and make it executable
4. Add a cron job (e.g. to `/etc/cron.d/munin`) to start munin-graph :

```
10 * * * * munin if [ -x /usr/bin/munin-graph ]; then /usr/bin/munin-graph; fi
```

The Critical Stuff

To get Munin to use rrdcached on Ubuntu 12.04 ensure to follow these vital steps :

1. **Add "-s "** to `$OPT` in `/etc/init.d/rrdcached` (in front of the first `-l` switch)
2. **Change "-b /var/lib/rrdcached/db/" to "-b /var/lib/munin"** (or wherever you keep your RRDs)

So a patched default Debian/Ubuntu with Apache `/etc/init.d/rrdcached` would have
`OPTS="-s www-data -l unix:/var/run/rrdcached.sock" OPTS="$OPTS -j /var/lib/rrdcached/journal/ -F" OPTS="$OPTS -b /var/lib/munin/ -B"`

If you do not set the socket user with `"-s"` you will see "Permission denied" in `/var/log/munin/munin-cgi-graph.log`
[RRD ERROR] Unable to graph /var/lib/munin/ cgi-tmp/munin-cgi-graph/[...].png : Unable to connect to rrdcached:
Permission denied

If you do not change the rrdcached working directory you will see "rrdc_flush" errors in your
`/var/log/munin/munin-cgi-graph.log`
[RRD ERROR] Unable to graph /var/lib/munin/ cgi-tmp/munin-cgi-graph/[...].png : rrdc_flush (/var/lib/munin/[...].rrd)
failed with status -1.

Some details on this can be found in the [Munin wiki](#).

Cet article est repris du site <http://lzone.de/HowTo-Munin-and-rrd...>