

**NAME**

rrd-chrony – description of the NTP monitoring graphs

**DESCRIPTION**

The *chrony.xml* file in the **rrdmon** package describes a couple of data channels retrieved from the Chrony NTP daemon **chronyd**(8) that can help to assess the use of the NTP time synchronization service. The following sections describe the graphs. The variables being displayed are mostly explained in **rrd-ntp**(8). This manual page only explains concepts that are special to **chronyd**.

**NTP STRATUM AND ROOT DISPERSION**

This graph shows in red the stratum of the server. The root dispersion and the root delay are display as dark red or blue curves.

**POLL INTERVAL**

The poll interval is a power of 2. It gives the interval in seconds between pools of the server.

**NTP OFFSETS**

This graph shows the system time offset (red) and the last poll offset (blue) and the RMS offset (green) all in milliseconds.

**PLL STATISTICS**

Chrony maintains an internal PLL just as ntp does. This graph shows the variables that control the PLL.

**SEE ALSO**

**rrdsetup**(8), **rrdupdate**(8) **rrd-ntp**(8)

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