

NAME

rrdsetup – set up rrd database for rrdmon

SYNOPSIS

rrdsetup [configuration]

DESCRIPTION

The **rrdsetup(8)** command creates the RRD databases for an rrdmon configuration. A rrdmon configuration describes a set of databases used by update and cgi scripts.

Configurations are XML files in */usr/local/rrd/etc*. The default configuration used if the *configuration* is not specified is the *system* configuration found in */usr/local/rrd/etc/system.xml*. The **rrdsetup(8)** command uses XSLT scripts found in the */usr/local/rrd/libexec* directory to create the shell commands to set up the RRD databases.

DATABASE DESCRIPTION

A database description in an XML files is comprised of the <files> element. This element starts with an <averages> element that lists the averaging intervals. This element should usually be copied from an existing configuration.

The main database information is contained in the <file> elements. These list channels by name and by specification. The valid specifications are explained in the RRD tools documentation.

INSTANCES

Some monitoring scripts monitor multiple instances like disks or network interfaces. For others, it does not make sense to distinguish instances, like for total CPU load or load average. The file */usr/local/rrd/etc/instances.xml* contains a list of instances of configurations that should actually be monitored. If a configuration can have multiple instances, then the <instance> element distinguished them using the value of the name attribute.

FILES

/usr/local/rrd/etc/instances.xml, */usr/local/rrd/etc/intervals.xml*, */usr/local/rrd/etc/system.xml*, */usr/local/rrd/libexec/*.xsl*

SEE ALSO

rrdcgi(8), **rrdupdate(8)**, **rrdinstances(8)**

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