

**NAME**

bootchart.conf - Boot performance analysis graphing tool configuration file

**SYNOPSIS**

/etc/systemd/bootchart.conf

**DESCRIPTION**

When starting, systemd-bootchart will read the configuration file bootchart.conf. This configuration file determines logging parameters and graph output.

**OPTIONS**

*Samples=500*

Configure the amount of samples to record in total before bootchart exits. Each sample will record at intervals defined by *Frequency=*.

*Frequency=25*

Configure the sample log frequency. This can be a fractional number, but must be larger than 0.0. Most systems can cope with values under 25-50 without impacting boot time severely.

*Relative=no*

Configures whether the left axis of the output graph equals *time=0.0* (**CLOCK\_MONOTONIC** start). This is useful for using bootchart at post-boot time to profile an already booted system, otherwise the graph would become extremely large. If set to yes, the horizontal axis starts at the first recorded sample instead of *time=0.0*.

*Filter=no*

Configures whether the resulting graph should omit tasks that did not contribute significantly to the boot. Processes that are too short-lived (only seen in one sample) or that do not consume any significant CPU time (less than 0.001sec) will not be displayed in the output graph.

*Output=[path]*

Configures the output directory for writing the graphs. By default, bootchart writes the graphs to /run/log.

*Init=[path]*

Configures bootchart to run a non-standard binary instead of /sbin/init. This option is only relevant if bootchart was invoked from the kernel command line with *init=/lib/systemd/systemd-bootchart*.

*PlotMemoryUsage=no*

If set to yes, enables logging and graphing of processes PSS memory consumption.

*PlotEntropyGraph=no*

If set to yes, enables logging and graphing of the kernel random entropy pool size.

*ScaleX=100*

Horizontal scaling factor for all variable graph components.

*ScaleY=20*

Vertical scaling factor for all variable graph components.

*ControlGroup=no*

Display process control group.

**SEE ALSO**

[systemd-bootchart\(1\)](#), [systemd.directives\(7\)](#)