

# HDDTEMP

hddtemp is a small utility (daemonizable) that gives you the temperature of your hard drive by reading S.M.A.R.T. informations (for drives that support this feature).

## Installation

First get hddtemp by

```
emerge hddtemp
```

After that do test if hddtemp is working properly

```
hddtemp /dev/sd{a,b,c}
```

If you get something like

```
WARNING: Drive /dev/sda doesn't appear in the database of supported drives
WARNING: But using a common value, it reports something.
WARNING: Note that the temperature shown could be wrong.
WARNING: See --help, --debug and --drivebase options.
WARNING: And don't forget you can add your drive to hddtemp.db
```

then your database file may be too old or the drive too new. You can update your drive manually by editing the database file **/usr/share/hddtemp/hddtemp.db** Get the model description of your drive by

```
hddtemp -D /dev/hda | grep Model
```

This will give: Model: HDS722525VLAT80. Take that model descriptor and add it to the database:

```
/usr/share/hddtemp/hddtemp.db
"HDS722525VLAT80"          194  C  "Hitachi 250GB"
```

**Make sure, that your temperature is referred in field 194 of the S.M.A.R.T interface and is in degrees celsius** otherwise correct the two fields. Read the man page of hddtemp, how to check this.

Define the drives you want to monitor in **/etc/conf.d/hddtemp**. For example:

```
/etc/conf.d/hddtemp
HDDTEMP_DRIVES="/dev/hda /dev/hdb /dev/hdd"
```

Start the init script for this session and add it to the default runlevel:

```
/etc/init.d/hddtemp start
```

```
rc-update add hddtemp default
```

Wobei das Hinzufügen zum Runlevel in Baselayout2 nicht mehr sein muss. Es wird beim Check der Temperatur automatisch in den dynamischen Runlevel eingefügt.

## View temperature in the webbrowser

Open <http://localhost:7634> in your favorite webbrowser. The output may look a bit confusing, for example:

/dev/sda	SAMSUNG SP2504C	34 C	/dev/sdb	SAMSUNG SP2504C	38 C	/dev/sdc	SAMSUNG HD400LJ	38 C
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Meaning that /dev/sda is at 34°C, /dev/sdb at 38°C and /dev/sdc at 38°C

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