

KThinkBat – ACPI-Batterieanzeige für den KDE-Kicker

Description

KThinkBat is a laptop battery monitor for the KDE [Kicker](#) written by Tobias Roeser. It is inspired by the "Battery Maximizer" included with IBM ThinkPads (now Levono).

Although there are already some battery monitor applications for the K-Desktop Environment [KDE](#), they are mostly too small to realize the current battery charge at first blush. Additionally, KThinkBat shows you the current power consumption of the laptop and brings support for a second battery.

Features of KThinBat

- display of current battery full in percent and visual as gauge
- display of the current online/offline state
- display of the current power consumption in W (or A on Asus Laptops)
- optional use of the ThinkPad SMAPI BIOS through the `sysfs` interface provided by the `tp_smapi` [driver](#)

License

KThinkBat is released under the GNU General Public License (GPL) [GPL](#), Version 2.

Screenshots



Offline Mode: You see how much power left and how much is consumed at the moment.



Online Mode: You see the loading-power.

Installation

On ThinkPads you can also use the SMAPI BIOS. To do so, you have to install the `tp_smapi` driver (See in the ThinkWiki [ThinkWiki](#)).

KThinkBat uses the `autotools`. For a standard installation use

```
./configure
make
su -c 'make install'
```

If you use Gentoo [Gentoo](#), you can use my ebuild (from my Portage Overlay). Install with `emerge --ask --verbose app-laptop/kthinkbat`. To enable ThinkPad SMAPI BIOS there is the use flag `tpsmapi`.

Download

Stable (but actually not final) Release

- **Source:** kthinkbat-0.1.4.tar.bz2
- **Gentoo ebuild:** kthinkbat-0.1.4.ebuild
- **Ubuntu Breezy** (binary): kthinkbat_0.1.4-1_i386.deb (posted by Emmanuel Schroeder)

📧 Anyone who wants to create a package for another distro? Please mail TobiasRoeser.

Development Release

- **Latest Development Release:** kthinkbat-0.1.5_beta1.tar.bz2
- ChangeLog
- for planed features, see TODO

Subversion access

You have read access to the KThinkBat's Subversion [🔗](#) repository as anonymous user. You can checkout the latest versions with the following command:

```
svn co https://lepetitfou.dyndns.org/svn/kthinkbat/trunk kthinkbat-svn
cd kthinkbat-svn
make -f Makefile.cvs
```

For Gentoo [🔗](#) users, there is also a `app-laptop/kthinkbat-svn` package in my Portage Overlay, which installs the latest development branch from the subversion repository.

If you plan to contribute to KThinkBat, please mail me.

Older releases

- Older versions: Download Area
- Older ebuilds: Portage Overlay

Bugs, Problems, Feature Requests

Please report Bugs, Problems, Feature Requests or Suggestions to TobiasRoeser.

For a list of planned features see the TODO file from the distribution.

See also the detailed Changelog.

Bugs:

Bug No.	Type	State	Description
#KTB001	Feature Request	closed	If you have an ASUS laptop, maybe /proc/acpi/battery/BAT0/{state,info} get values in <i>mAh</i> instead of <i>mWh</i> . This will be corrected in version 0.1.4

Links

- ThinkWiki [🔗](#): Good ressources for all ThinkPads users. There is a separate KThinkBat site [🔗](#), with a buch of patches for KThinkBat
- Linux Kernel Driver for the ThinkPad SMAPI BIOS: [tp_smapi](#) [🔗](#)
- K–Desktop Environment (KDE) [🔗](#)
- [kde-apps.org](#) [🔗](#): Collection of usefull KDE–Applications including KThinkBat [🔗](#)
- TuxMobil [🔗](#): Linux Laptop and Notebook Installation Survey for Lenovo (former IBM)
- Gentoo Forums [🔗](#): one of the best Linux (and of course Gentoo [🔗](#)) related forums

Releated topics: GentooCorner, GentooPortageOverlay, GentooThinkPadR50