

# KThinkBat – ACPI-Batterieanzeige für den KDE-Kicker

## Description

KThinkBat is a laptop battery monitor for the KDE-Kicker. It is inspired by the "Battery Maximizer" includes with IBM ThinkPads (now Levono).

Yes, I know, there is already a standard battery monitor KDE-Application, but it is simply too small to realize the real battery charge at first blush.

### Features

- 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)

### License

GNU General Public License Version 2 (GPL-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

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

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

If you use Gentoo, you can use my ebuild (from my Portage Overlay Portage Overlay). You have to create a a Portage Overlay. Install with `emerge --ask --verbose app-laptop/kthinkbat`.

## Download

### *Stable (but actually not final) Release*

- **Source:** `kthinkbat-0.1.4.tar.bz2`
- **Gentoo:** `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.

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

# ChangeLog

## KThinkBat 0.1.4

- Support for ASUS Laptops which reports values in mAh instead of mWh in /proc/acpi/battery/BAT0 (fixes Bug #KTB001)

## KThinkBat 0.1.3

- Initial Release after 3 month of personal using

## Bugs, Problems, Feature Requests

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 <b>mAh</b> instead of <b>mWh</b> . This will be corrected in version 0.1.4

Please report Bugs, Problems or Feature Requests to TobiasRoeser.

## Todo, Planned Features

- Config–Dialog: Color, ACPI proc path, update intervall, action on click
  - 👉 Can anybody point me to a good tutorial for Kxconfig?
    - ◆ I'm a bit shorthanded with time because I'm learning for my diploma examinations. 😞
- different color for warnings
  - ◆ is implemented, but at the moment not configurable
- show remaining time
- refactoring Gauge as extra control
- scons+bkys based build system
- update intervall configurable
- better font support
  - ◆ calculate real TextExtend and use it to layout Text
  - ◆ centering persentage display
- add an option to show the Watt consumption on the right or left of the batt icon instead of under it (Emmanuel Schroeder)
  - ◆ allmost done in 0.1.5\_alpha1
  - ◆ this requires a solution for a config file, e.g. Kxconfig
- there should be a symbol such as power plug next to it when connected (oshogg from kde-apps.org)
  - ◆ hav to paint one and decide what to do, wenn the power conuption display is also displayed next to it
- get a (transparent) Icon for the Applet and the 'Add Applet Tool' (maybe contributed by Delvien)
- make use of portable::laptop in kdeutils to support more architecures and centralize power management functionality
  - ◆ Anybody, who can help with this?
  - ◆ this will give us support for remaining time, suspend and hibernate control etc.
  - ◆ It seams easy to copy the code from klaptopdaemon but then, who knows it it will works will all KDE versions and all the copied bugs 😞 Better we try to include it
- More Laptop/Battery Information and Settings for ThinkPads through the (new) tp\_smapi driver
  - ◆ But, this Applet is not limited to ThinkPads at the moment. Don't wanna change that 😊

Please report Feature Requests and Suggestions to TobiasRoeser.

## Links

- ThinkWiki: Good ressources for all ThinkPads users. There is a separate KThinkBat site, with a buch of patches for KThinkBat
- kde-apps.org: Collection of usefull KDE–Applications including KThinkBat

*Releated topics:* GentooCorner