



BeRTOS 2.3 is available

A new BeRTOS version is available. Many new drivers and algorithms are available, and bugfixes too.

BeRTOS version 2.3 is available. This version is backward compatible with the current version, so you can safely update your installation. We are currently **implementing an aerospace device** for research purposes thus we need to drive many different sensor types. These drivers are now available to all BeRTOS users.

Here are the new features in BeRTOS:

- ▶ *CRC-CCITT algorithm* : a standard CRC algorithm;
- ▶ *AX25 protocol*: a communication protocol used extensively on amateur packet radio networks;
- ▶ *AFSK1200 modem driver* : modem built on top of AFSK modulation;
- ▶ *NMEA-0183*: data parser for GPS packets. Based on top of [nmea library](#)
- ▶ *LM75 & Texas Instruments TMP123* temperature sensor drivers;
- ▶ *MPxx6115A* pressure sensor driver
- ▶ *KFileMem module* : with this module you can now use the KFile interface on a memory buffer.

In addition, a long standing bug in SPI1 driver on AT91SAM7 has been fixed, so now you can use SPI1 channel without problems.

By the way, for all of you interested in our research experiment I'll post an update later on. We are trying to set up a live webcam and a twitter account to follow live the experiment. Stay tuned!

ENGLISH WEBSITE IS ONLINE

Finally the **new English website is online**. The new website it's not just a restyling of the existing developer's Trac (which is still online at [dev.bertos.org](#)), but a real reception room for BeRTOS, where we can explain with less technical terms what it's possible to do with this operating system, what are the design decisions at the base of the system and, last but no least, who develops BeRTOS.

We have also released a new **Windows SDK** which will configure the programming environment with just a few clicks. You can get the full version directly from the [online shop](#), or you can download the trial version from the [download area](#).

Have fun with BeRTOS!

Written by **Luca Ottaviano** in [embedded](#) the 19 October 2009. Tag: [applications](#), [driver](#), [geek](#), [installer](#), [new release](#).

DEVELOPER'S TRAC

On the developers website you will find all the information to contribute to BeRTOS development community, milestones, the possibility to open tickets to the community, the changelog and all the details on every feature. [dev.bertos.org](#)

PREMIUM SUPPORT

By registering to Develer's advanced support services you will have online assistance, phone assistance and the possibility to report bugs directly to our BeRTOS engineering team. All services guarantee reply in 24 working hours. [bertos.org/supporto/premium/](#)

CERTIFIED TRAINING

Customized training, onsite teaching, embedded application debug and deploy assistance, peer review on source code, training classes for single programmers or working teams. [bertos.org/supporto/formazione/](#)



BeRTOS website by [Develer](#).

