

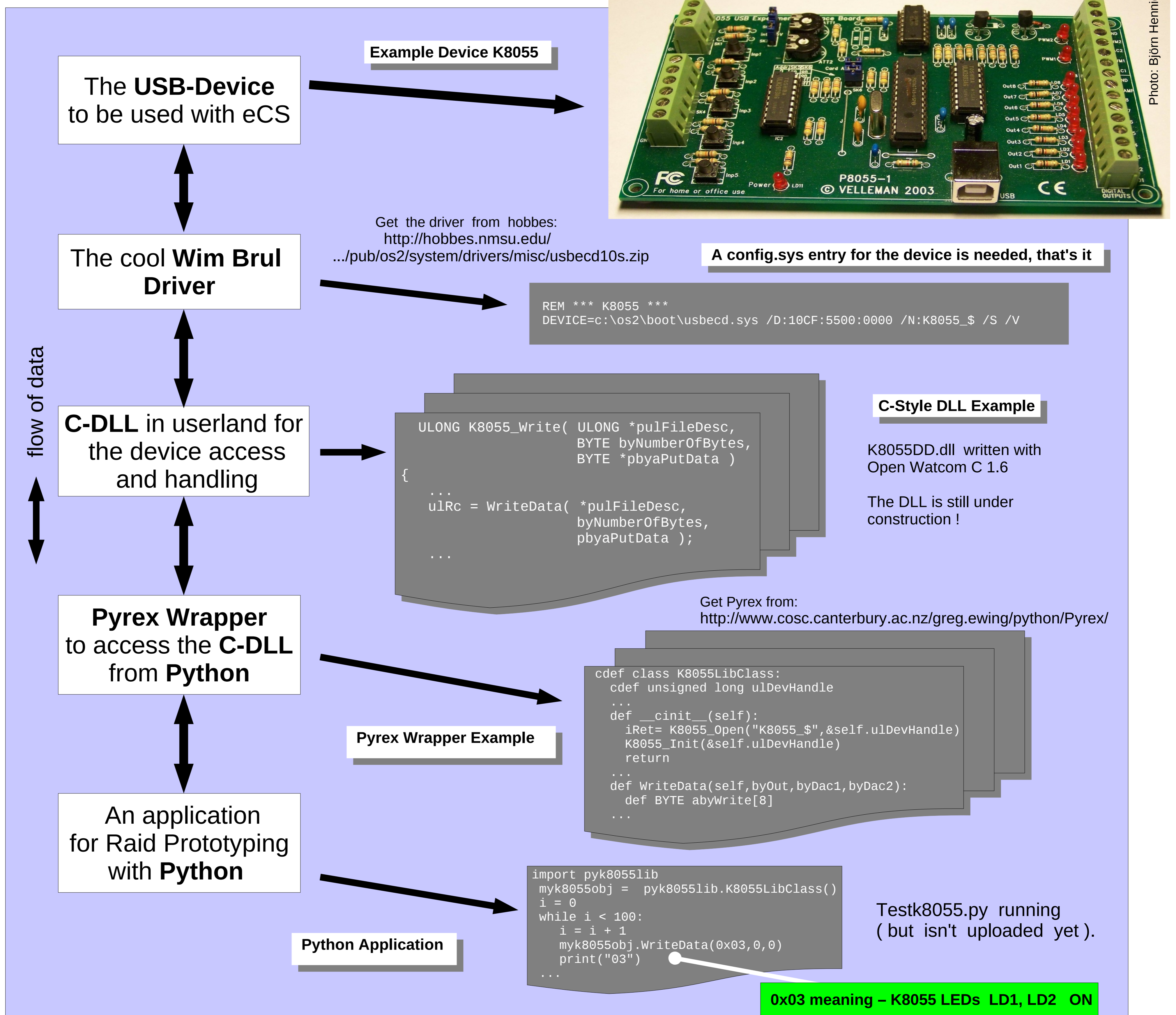
K8055 with eCS, USB accessed from Python / Pyrex

by Björn Hennig and Uwe Hinz
b.hennig@gmx.de uhdrelb@t-online.de

Motivation

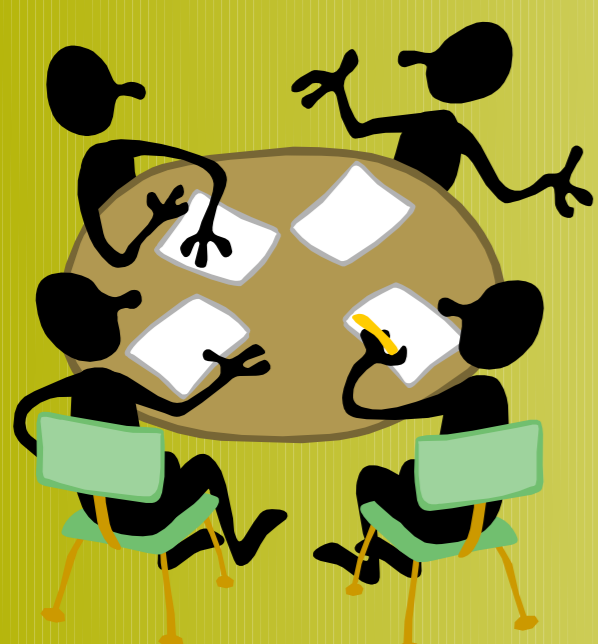
There is a lot of USB-Devices on the market or under development. They will never have any driver for eCS. It's a bad situation. This poster will show a way to get out of that deficiency. Here is a possible method:

- 1st A generic USB-Driver that works with eCS has to be found (Wim Brul's driver 'usbecd.sys' is appropriate),
- 2nd A DLL is to be programmed, that interfaces the generic driver and the particular USB-Device ,
- 3rd In order to make work with a high level programming language effective, a suitable Wrapper is needed !



Outlook

As soon as Python is used to create applications, programming becomes easy. Easier than today! A nice GUI with Qt4, wxWidgets or wxPython will appear as up to date. eCS-Users who could not benefit from their USB devices in the past, can create their own software solutions for classless USB-Devices for eCS in future.



And what is hot right now ?

New Devices on the workbench:

- meM-PIO
- Meilhaus RedLab
- TinyCAN
- Octopus USB

Work started

Device purchased

Already soldered

Just an idea