

# The Hurd Operating System

and a short history of everything  
KunterBuntesSeminar SoSe10  
by-nc-sa/3.0/de

Justus Winter

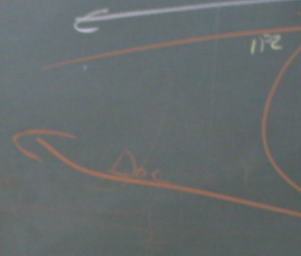
Universitaet Hamburg - Fachbereich Informatik

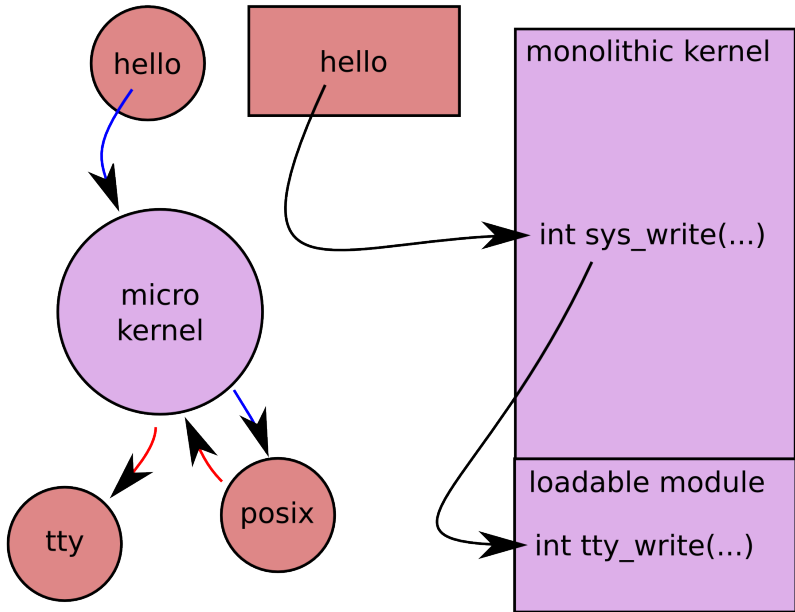
2010-06-15





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When you're doing something wrong, like accessing memory that isn't mapped. . .

- in userspace you will get a SIGSEGV that you can handle if you wish
  - or you can choose to ignore it and die
- in kernelspace you will get. . .



Userspace

The Hurd

gnumach





- 3 gsoc students this year:
  - Jeremie Koenig - adapting the Debian Installer
  - Emilio Pozuelo Monfort - fixing compatibility problems exposed by projects' testsuites
  - Karim Allah Ahmed - tuning the VM Subsystem in GNU/Hurd—gnumach
- Zheng Da - porting the DDE infrastructure to GNU/Hurd—gnumach
- Sergio Lpez - preventing thread storms in ext2fs (performance and stability)
- Ludovic Courts - crossbuilding packages using Nix (is NixOS/GNU/Hurd on the way?)
- I created a live CD with an installation wizard in the spirit of the OpenBSD installer
- join #hurd on freenode - you'll find friendly and intelligent people there
- ... watch out for a Hurd of wild GNUs...



## References and license

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  - Richard Matthew Stallman: Jrmie Zimmermann, cc-by-sa/2.0/fr
  - Andrew Stuart Tanenbaum: GerardM, cc-by-sa/3.0
  - Hurd of gnu: Copyleft, cc-by-sa/2.5