MutekH

General presentation

MutekH is a portable operating system optimised for heterogeneous MPSoC architectures. MutekH is a set of libraries build on top of the Hexo exo-kernel. This exo-kernel defines the Hardware Abstraction Layer, providing both portability and support for heterogeneity.

Hexo has been ported on several hardware platforms

- MIPS processor based MPSoCs architectures modeled with !SoCLib
- PPC processor based MPSoC architectures modeled with !SoCLib
- PC plalforms using multi-cores x86 processors

The libraries currently available are :

- Native Posix Threads (libpthread)
- Standard C library (libc)
- TCP/IP protocol stack (libnetwork)

Other libraries are under development:

- File system support (libvfs) along with file system drivers
- Unix kernel API (libunix)

More Information

You can obtain more detailed information, and download the code ?here