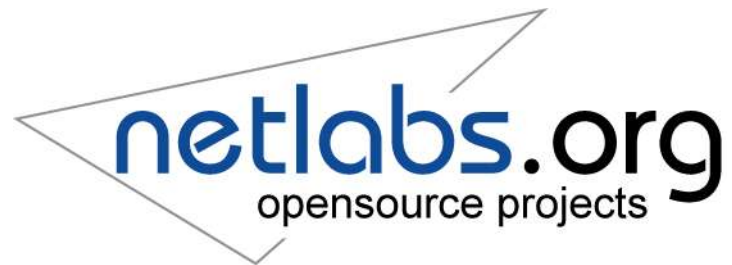# Unix on OS/2: Providing a UNIX-like environment on OS/2 and eCS

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Shedule

- Motivation – why do we need UNIX
- The past: EMX
- The present: Innotek LIBC
- The future: Beyond LIBC
- Some Ideas
- Support

•Motivation – why do we need UNIX

- Lots of server applications: Samba, Apache...
- GUI often separated/not included
- Many useful little and big helpers
- Some interesting full blown applications like GIMP, Chandler...
- Often good scripting support
- Interesting stuff like CUPS, LDAP...

•The past: EMX

- First UNIX-like environment
- Based on old POSIX standard
- Incomplete
- Some slow/ugly hacks (like fork)

•The present: Innotek LIBC

- Initial work by Innotek for Mozilla

- (Almost) latest GCC compilers are available

- Many libraries were ported by Knut St. Osmundsen

- Mainly developed by Knut now in his sparetime

- More and more programmers start to use it

- Yuri Dario provides EDM/2 article about porting

•The future: Beyond LIBC

- Missing: pthreads
- Missing: Some IPC stuff (semaphores, shared memory)
- Missing: select() on non sockets
- LXAPI32 by Stefan Milcke
- Provide all basic libraries used nowadays
- FHS-like environment

Some Ideas

- WPS Integration: Samba, RPM, CDRecord...

- Everblue: Reloaded

- emerge/RPM build & install made easy

- Commit to original CVS/SVN repositories

- Fill the missing gaps in OS/2 and eCS

Support

- Electronic Developer Magazine/2 finaly reloaded!
- Gmane.org Mailinglists: UnixOS2, UX2BS, Xfree86/OS2
- New mailinglists can be created if necessary

Questions

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