

Martin Kopta

Plan9 from Bell Labs

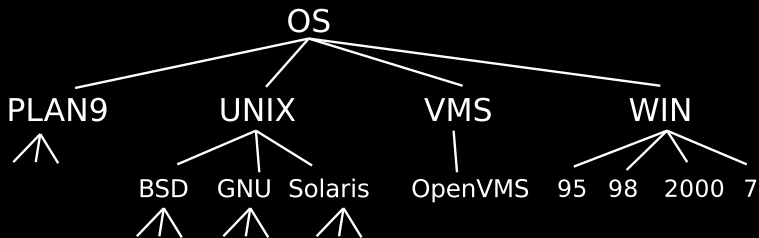
Středisko Unixových Technologí, 2010

Úvod do Plan9

Co je Plan9?

Operační systém

Kam si Plan9 zařadit?



- ▶ opensource
- ▶ 1980, 1989, Bell Labs
- ▶ 4 edice
- ▶ daily builds

- ▶ Brian Kernighan
- ▶ Tom Duff
- ▶ Doug McIlroy
- ▶ Bjarne Stroustrup
- ▶ ...

Multics → UNIX → Plan9

Unix

- ▶ network
- ▶ timesharing
- ▶ grafika
- ▶ historie

Plan9

- ▶ portable, SMP
- ▶ comp, cross comp
- ▶ libs
- ▶ UI
- ▶ distributed environment
- ▶ GUI, UTF-8

Simplicity, Clarity, Generality

Plan9 nemá

- ▶ root, suid, tty, curses, pthreads
- ▶ mmap, dynamic linking, kernel modules
- ▶ locales, gcc, C++, emacs, vi, X11
- ▶ XML, Web 2.0

Vše je file tree

UNIX \neq Plan 9

Kernel 37 syscalls, 150 kLOC,
pragmatic instead of dogmatic

rc, rio, acme, ..