

OpenBSD

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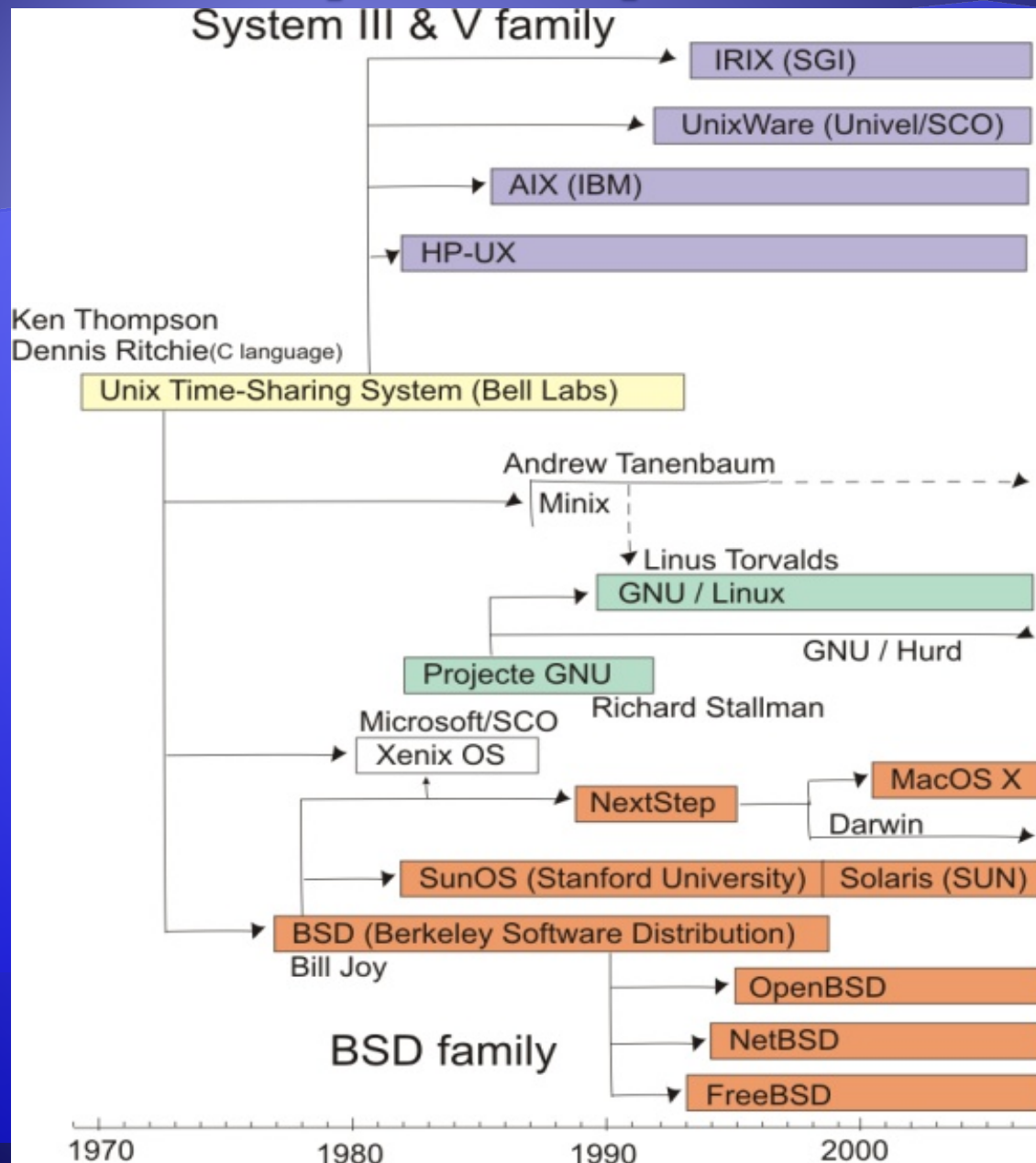
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What is OpenBSD?

- ♦ OpenBSD is a Free, multi-platform 4.4BSD-based UNIX-like operating system.

History of OpenBSD



Project Goals

- ◆ OpenBSD's goals place emphasis on correctness, security, standardization and portability.
- ◆ Provide the best development platform possible. Provide full source access to developers and users, including the ability to look at CVS tree changes directly.
- ◆ To make available source code that anyone can use for ANY PURPOSE, with no restrictions.
- ◆ Pay attention to security problems and fix them before anyone else does. (Try to be number 1 most secure operating system).

Project Goals (cont`d)

- ◆ Greater Integration of cryptographic software. IPSec, key engines, Kerberos, free-AFS and other forms of strong crypto or crypto-using systems.
- ◆ Track and implement standards. (ANSI, POSIX, parts of X/Open, etc.)
- ◆ Work towards a very machine independent source tree.
- ◆ Do not let serious problems sit unsolved.
- ◆ Provide a good cross compile/development platform.
- ◆ Make a CDROM-based release approximately every six months, in particular to fund the project...

Security

- ◆ Only one remote hole in the default install, more than 10 years.
- ◆ The aspiration is to be number one in the industry for security.
- ◆ OpenBSD believe in full disclosure of security problems.
- ◆ The process that security auditing team follow to increase security is simply a comprehensive file-by-file analysis of every critical software component.

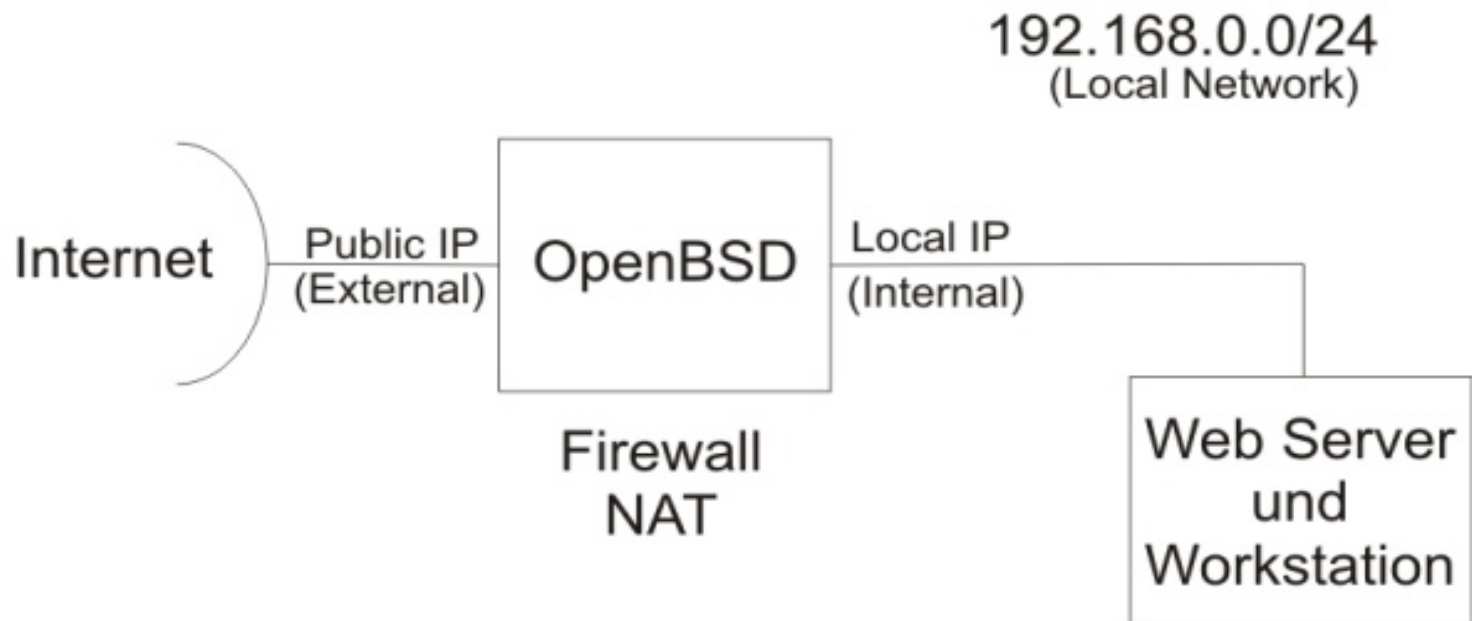
Why OpenBSD?

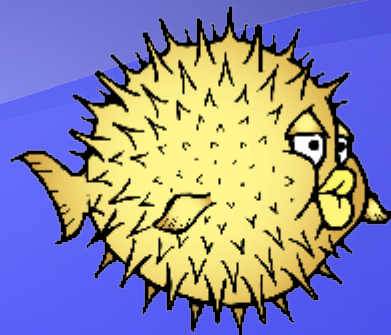
- ◆ OpenBSD is thought of by many security professionals as the most secure UNIX-like operating system.
- ◆ OpenBSD is a full-featured UNIX-like operating system available in source form at no charge.
- ◆ OpenBSD integrates cutting-edge security technology suitable for building firewalls and private network services in a distributed environment.
- ◆ OpenBSD attempts to minimize the need for customization and tweaking.

For what can you use OpenBSD?

- ◆ Firewall, NAT (Network Address Translation), Proxy Server, Router, NDIS (Network Intrusion Dedection System) und Network Monitoring, Loadbalancer, Bandwidth Manager, VPN (Virtual Private Network), DNS (Domain Name Server), Web Server, Email Server, Database Server, FTP Server...

An example of using OpenBSD as Home-Network





***Open*BSD**

Source of the many contents:
Official Website of OpenBSD Project
www.openbsd.org