

UNIX

Thomas de Grivel thoxdg@gmail.com

<https://kmx.io/>

2020-03-11

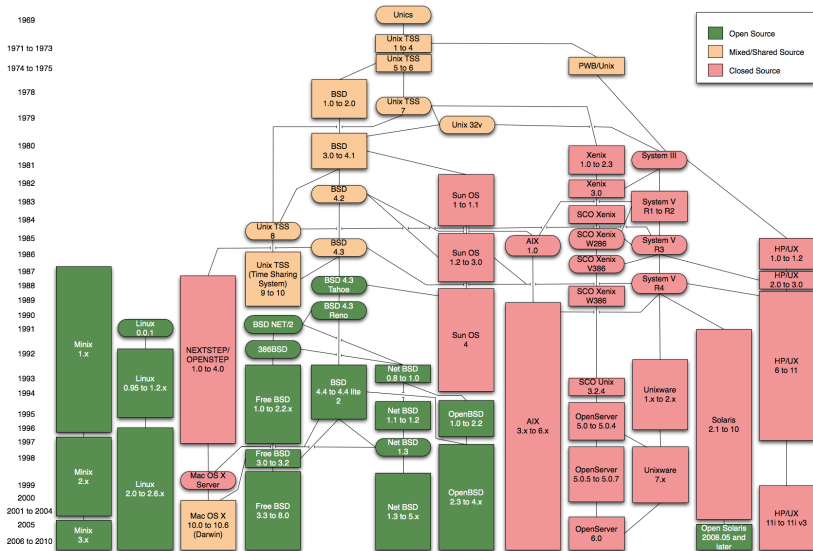
Section 1

UNIX

Subsection 1

History

Diagram



Multics

1960

Companies

- MIT
- AT&T Bell labs
- General Electric

UNIX

AT&T Bell Labs 1970

Developers

- Ken Thompson
- Dennis Ritchie

Berkeley Unix

1974

Licensed by AT&T

Berkeley Software Distribution

1979

- vi
- csh

Licensed by AT&T

BSD License (1/2)

Copyright (c) <year> <copyright holder>.
All rights reserved.

Redistribution and use in source and binary forms are permitted provided that the above copyright notice and this paragraph are duplicated in all such forms and that any documentation, advertising materials, and other materials related to such distribution and use acknowledge that the software was developed by the <organization>. The name of the <organization> may not be used to endorse or promote products derived from this software without specific prior written permission.

BSD License (2/2)

THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Net/1

June 1989

Basis for

- NetBSD
- FreeBSD

Under BSD License

Minix

Andrew S. Tannenbaum

- For teaching
- Not BSD
- GPL

Linus Torvalds

- Inspired by Minix
- Not BSD
- GPL

Computer Systems Research Group of the University of California, Berkeley

- Started in 1993 from Net/2 and 386BSD
- BSD License (two, three, and four-clause variants)
- **Portable**

Founders :

- Chris Demetriou
- Theo de Raadt
- Adam Glass
- Charles Hannum

FreeBSD

- Started in 1993 also from 386BSD
- FreeBSD 2.0 in 1994, without code from AT&T
- **Fast** jemalloc in base

Theo de Raadt

- forked from NetBSD in 1995
- **Secure by default**
- Home of CARP, cwm, httpd, LibreSSL, OpenBGPD, OpenIKED, **OpenNTPD**, OpenOSPF, OpenRsync, OpenSMTPD, **OpenSSH**, PF, pfsync, sndio, spamd, Xenocara

Darwin

- Forked from FreeBSD by Apple Inc. in 2000
- Includes code from NeXTSTEP and Mach
- Basis for MacOS X, iOS, iPadOS
- Apple Public Source License (APSL), with closed-source drivers