UNIX
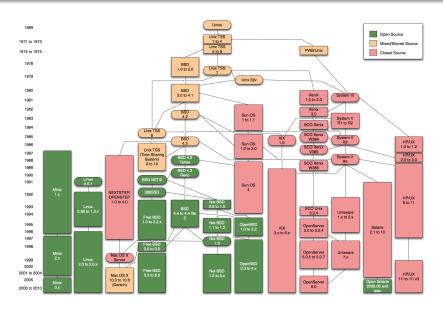
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https://kmx.io/

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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

# Net/1

June 1989

Basis for

- NetBSD
- FreeBSD

Under BSD License

## Minix

Andrew S. Tannenbaum

- For teaching
- Not BSD
- GPL

# Linux

Linus Torvalds

- Inspired by Minix
- Not BSD
- GPL

## NetBSD

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

## OpenBSD

Theo de Raadt

- forked from NetBSD in 1995
- **Secure by default**
- Home of CARP, cwm, httpd, LibreSSL, OpenBGPD, OpenIKED, **OpenNTPD**, OpenOSPFD, 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