Berkeley UNIX

1976 to Today

The Family Tree

1976 – Berkeley Software Distribution

1982 – CSRG Releases 4.2BSD

Sun Microsystems's SunOS

1990 – CSRG Releases Net/2

1992 – Bill Jolitz Releases 386BSD

BSD/OS Released Commercially

1993 – NetBSD Project Formed

1996 – OpenBSD forks NetBSD

1993 – FreeBSD Project Formed

2003 – DragonFlyBSD forks FreeBSD
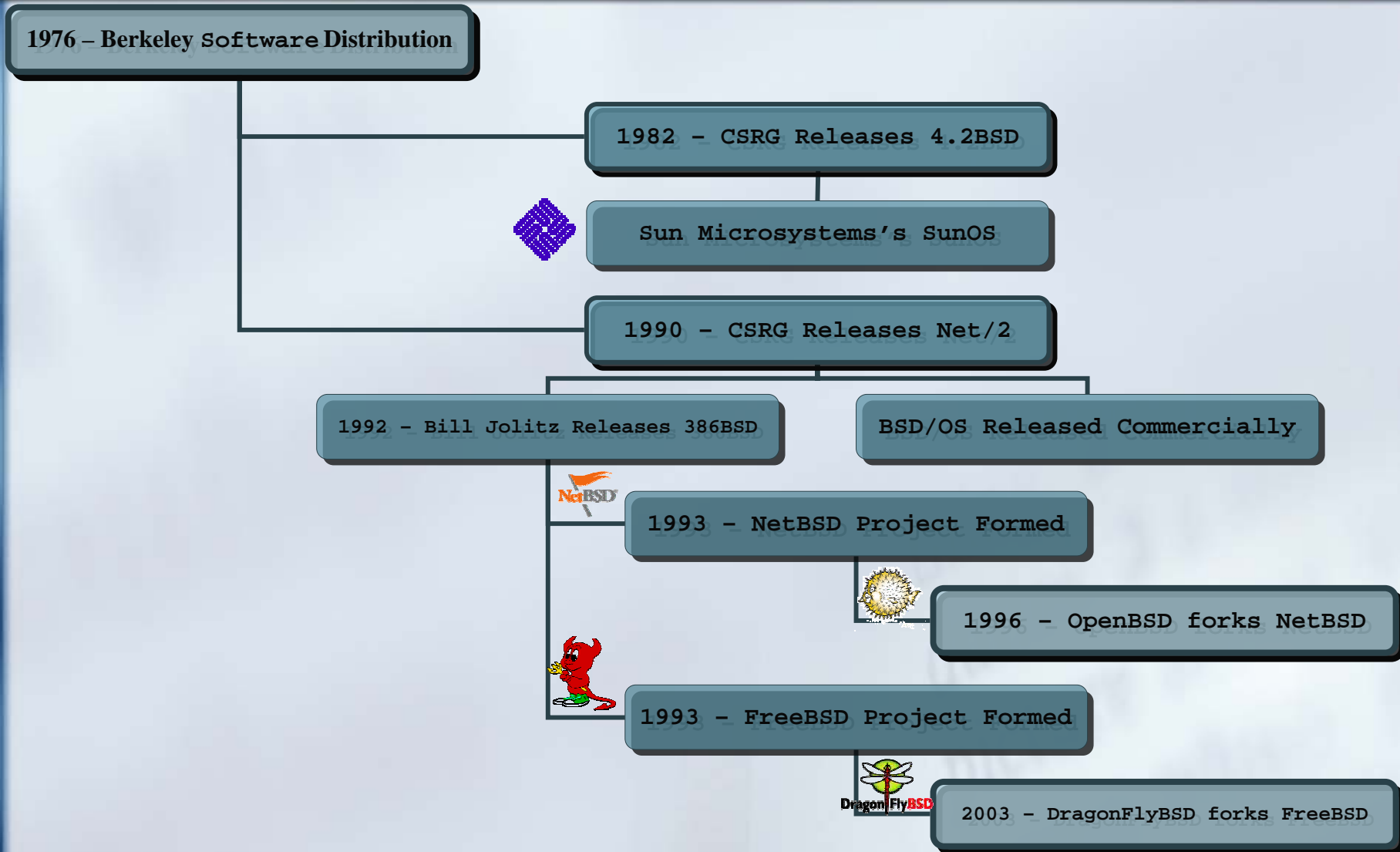
The BSD License

Example from FreeBSD -

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# Development Hierarchy

- *Contributors –*
  - Write code or documentation.
  - They are not permitted to commit (add code) directly to the source tree.
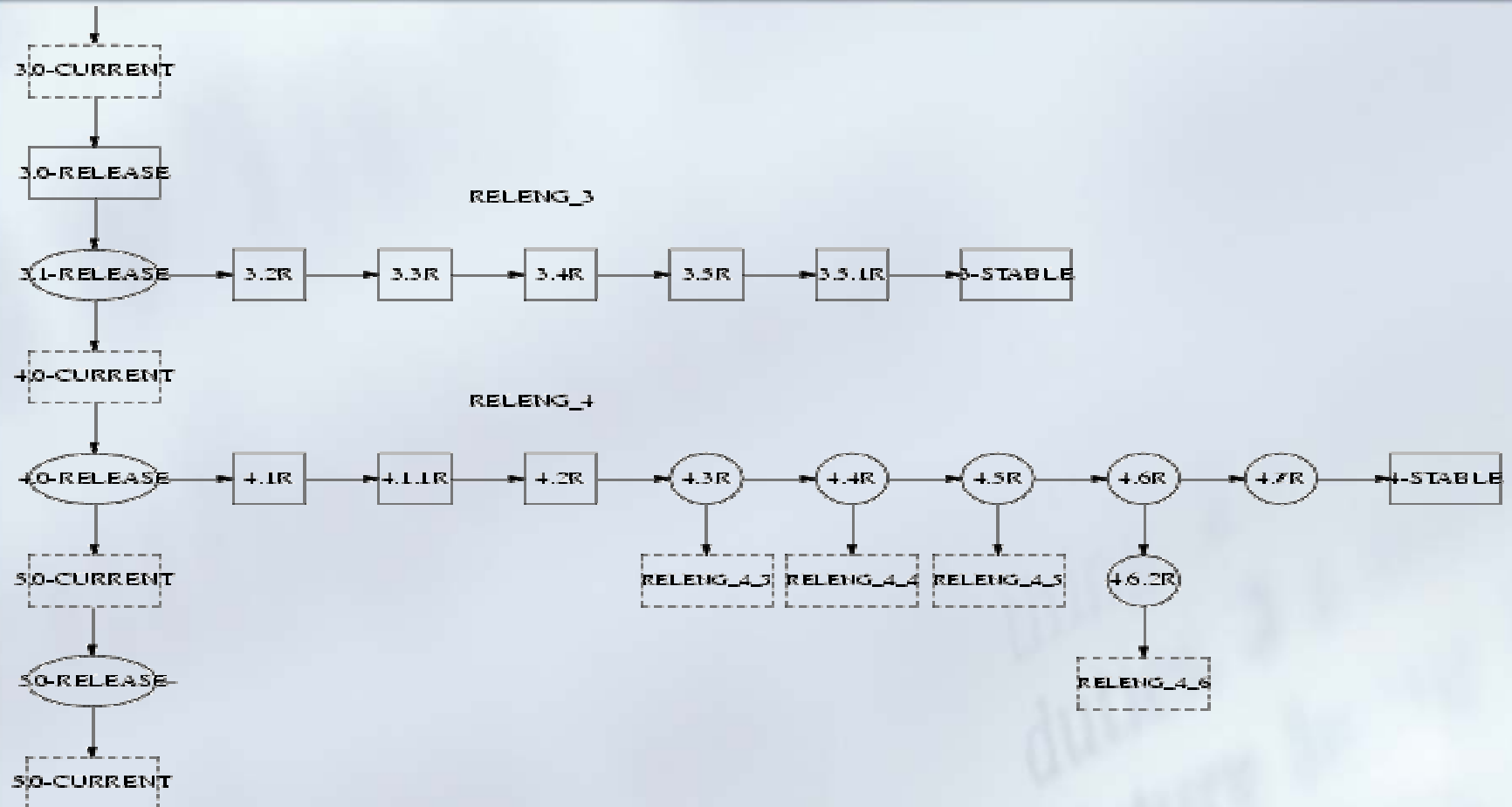 - Code to be included must be reviewed and checked in by a *committer*.

- *Committers –*
  - Developers with write access to the source tree.
  - To become a committer, an individual must show ability in the area in which he is active.

- *The Core Team –*
  - FreeBSD and NetBSD have a core team which manages the project.
  - Developed in the course of the projects
  - Their roles are not always well-defined.
  - It is not necessary to be a developer in order to be a core team member, though it is normal.
  - They have more say in the direction of the project than non-core team members have.

9 Core Members

275 Committers

Kernel: 102

Userland: 99

Docs: 41

Ports: 144

~3000 Contributors
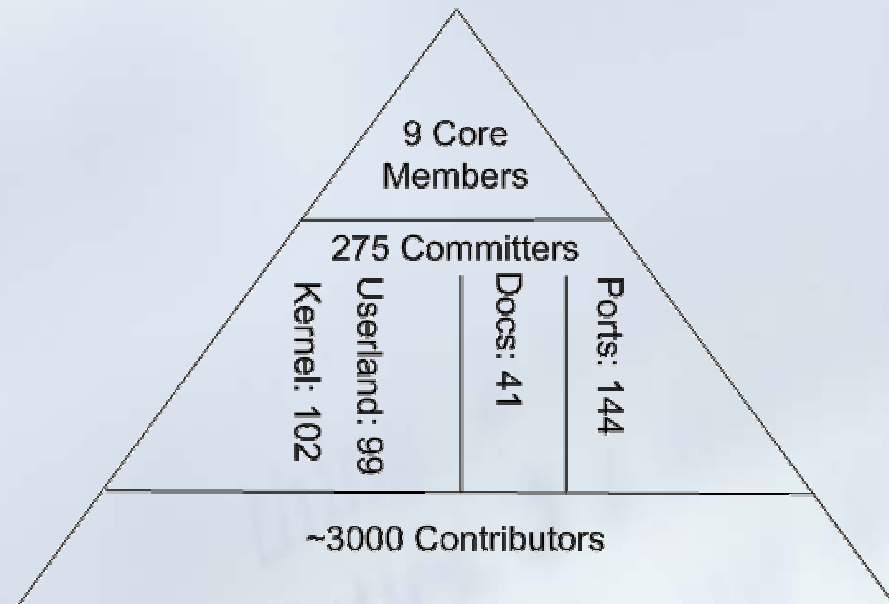
Release Engineering

Features

- Compatibility Modules
- Soft Updates and Snapshots
- GEOM/Netgraph Frameworks
- Accept Filters
- Multi-threaded SMP Architecture
- M:N Application Threading
- TrustedBSD MAC Framework
- Stateful Packet Filtering (ipf/ipfw/pf)
- Ports and Packages