A Repository with 44 Years of Unix Evolution

**How You Can Help**
- Use the repos for your research.
- Add code authorship info.
- Import 2.* BSD, NetBSD, OpenBSD.
- Lobby to free System V source code.

**Primary Materials (8.4G)**
- Most material came from:
  - The Unix History Society site (TUHS.org),
  - The Berkeley CSRG CD-ROMs,
  - The Old Linux site (OLDLINUX.ORG), and
  - The FreeBSD archives.

**Imported Unix Snapshots, Repositories, and Their Mergers**
- Snapshot
- Import
- VCS
- FreeBSD

**Creation Process**
- Populate maps of files to authors.
- Fill in author details.
- Import release snapshots.
- Import CSRG SCCS repo.
- Import FreeBSD git repos.

**Repository Structure and Contents**
- FreeBSD
- BSD SCCS
- BSD 3
- BSD 4
- BSD 4.1
- BSD 4.2
- BSD 4.3
- BSD 4.4
- BSD 4.3.1
- BSD 4.4.1
- BSD 4.4.2
- FreeBSD 1
- FreeBSD 2
- FreeBSD 3
- FreeBSD 4

**Stats**
- 699 thousand commits.
- 2308 merges.
- 850 code authors.
- 24 imported snapshots.
- 850 tags.
- 149 branches.

**Commit Examples**
- 2015 FreeBSD 10: 26 million lines of code.

**Code Style Evolution Along Unix Releases**
- BSD 3
- BSD 4
- FreeBSD
- FreeBSD 1
- FreeBSD 2
- FreeBSD 3
- FreeBSD 4

**Bell Labs**

**Timeline**
- 1970s: The Bell Labs Team
  - Dennis Ritchie & Ken Thompson on a PDP-11.
  - Stephen Bourne wrote the shell bearing his name.
  - Bill Joy: Co-founder of SUN Microsystems.
  - Eric Schmidt, now Executive Chairman of Google.
  - Eric Allman commits the sendmail debug mode that will be used by the first Internet worm.

**1980s: UNIX GOES TO BERKELEY**
- VT-52
- DEC VAX
- VT-100
- Eric Allman commits the sendmail debug mode that will be used by the first Internet worm.

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- The FreeBSD archives.

**First Edition UNIX FROM PRINTOUTS**
- A group has OCR'd first edition UNIX from printouts.

**Open source (including Berkeley)**
- 659 thousand commits.
- 2308 merges.
- 850 code authors.
- 24 imported snapshots.
- 850 tags.
- 149 branches.

**FreeBSD**

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**GitHub Repositories**
- github.com/dspinellis/unix-history-repo
- github.com/dspinellis/unix-history-make

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