Changes Over Time
A Subversion Community Update

C. Michael Pilato
Subversion Day 2012
Berlin, Germany

2001 vs. 2012

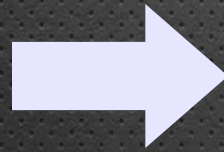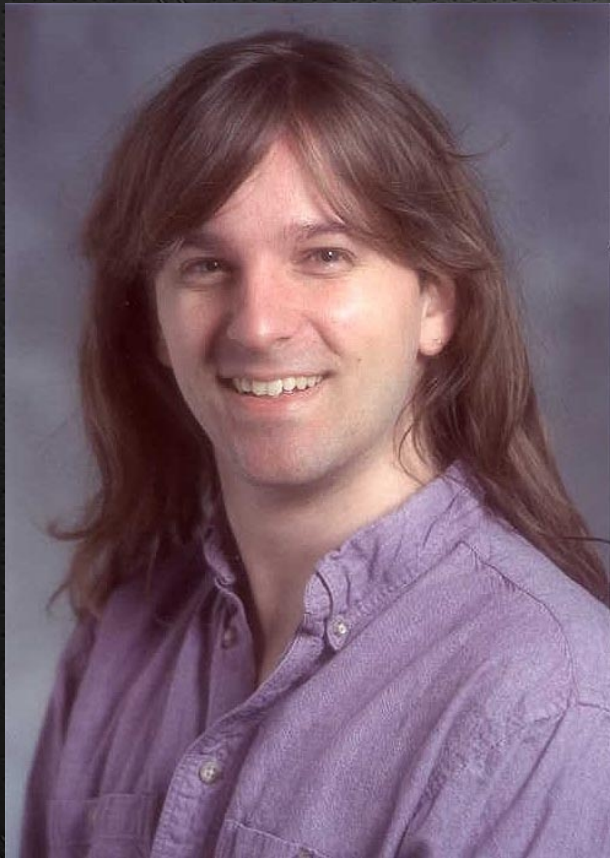Much has changed!

(x 64!)

Then and now: storage

3

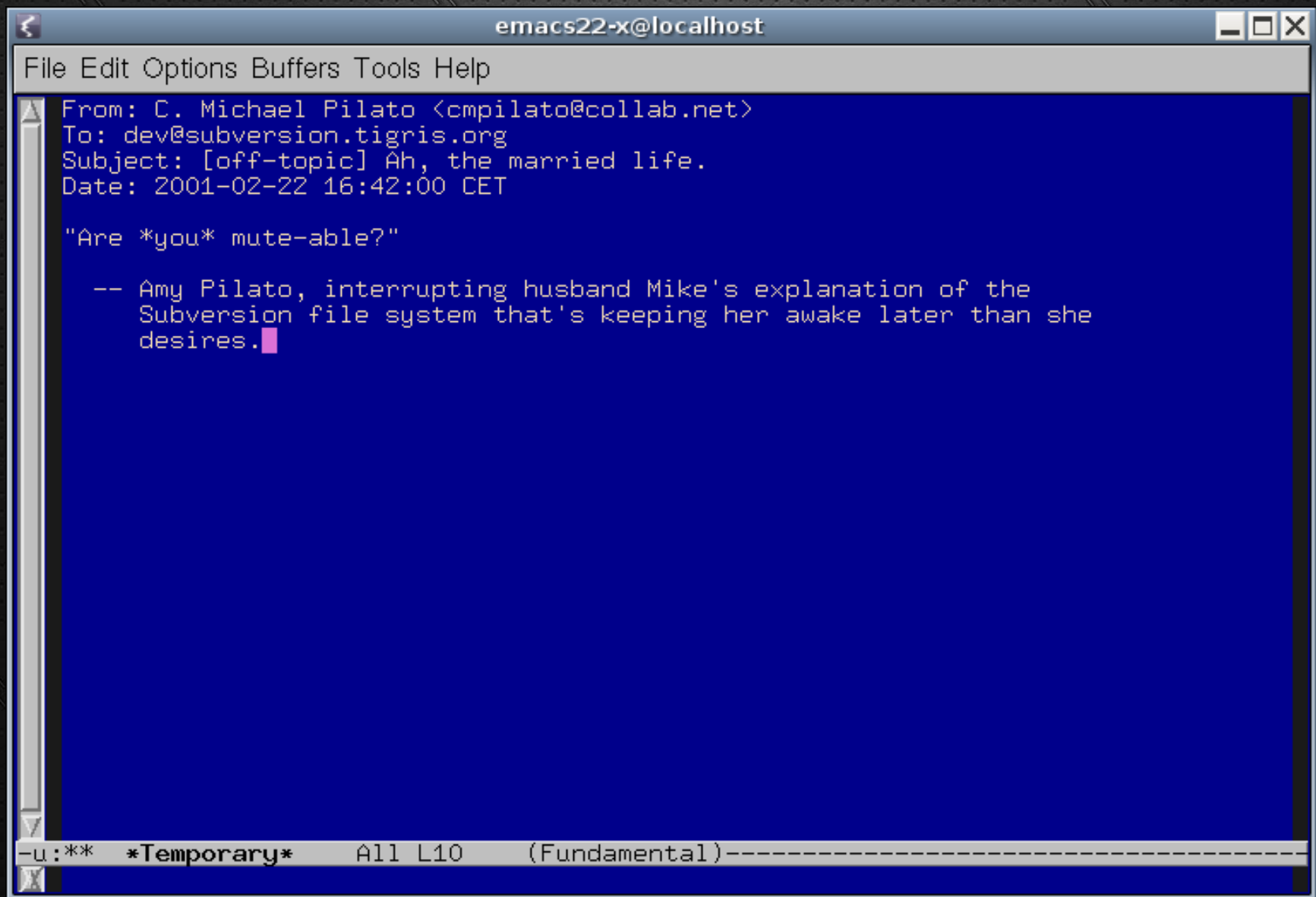Then and now: mobile phones

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Then and now: Greg Stein?!

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Code

libsvn_fs_jungle_gym?

```
emacs22-x@localhost                                              _ □ ✕

File Edit Options Buffers Tools Help

From: C. Michael Pilato <cmpilato@collab.net>
To: dev@subversion.tigris.org
Subject: [off-topic] Ah, the married life.
Date: 2001-02-22 16:42:00 CET

"Are *you* mute-able?"

  -- Amy Pilato, interrupting husband Mike's explanation of the
     Subversion file system that's keeping her awake later than she
     desires.



-u:**   *Temporary*      All L10      (Fundamental)--------------------------
```
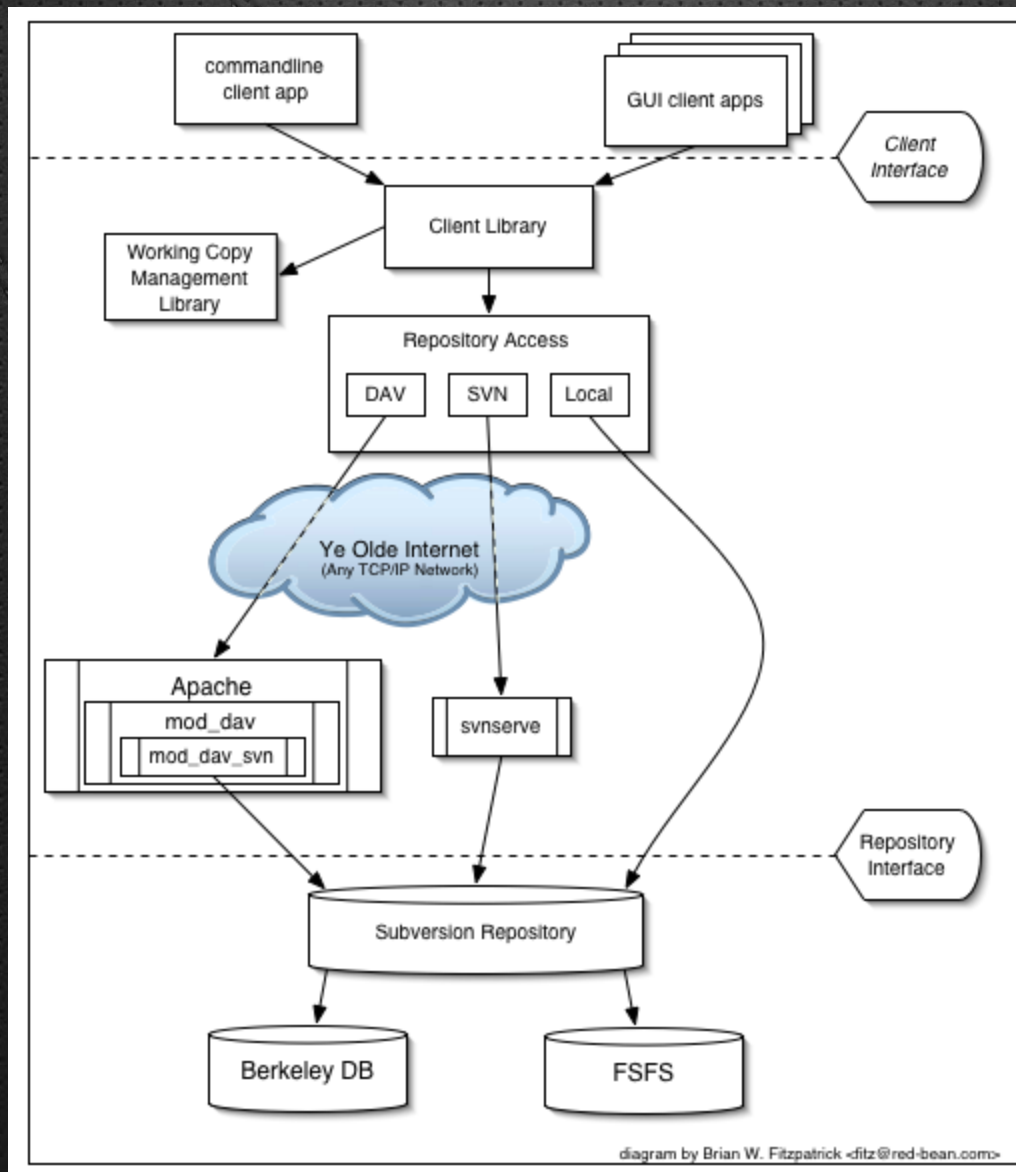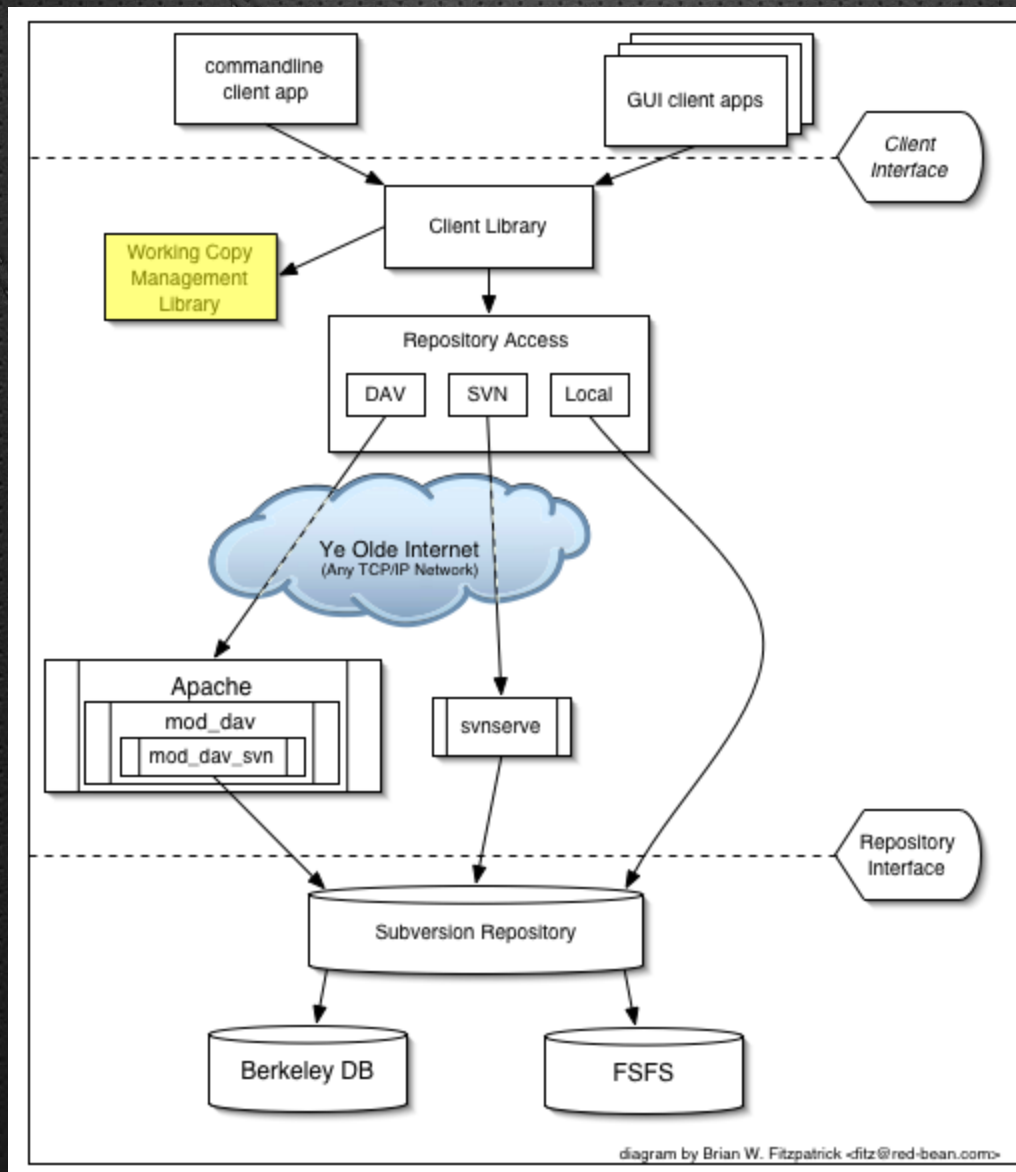
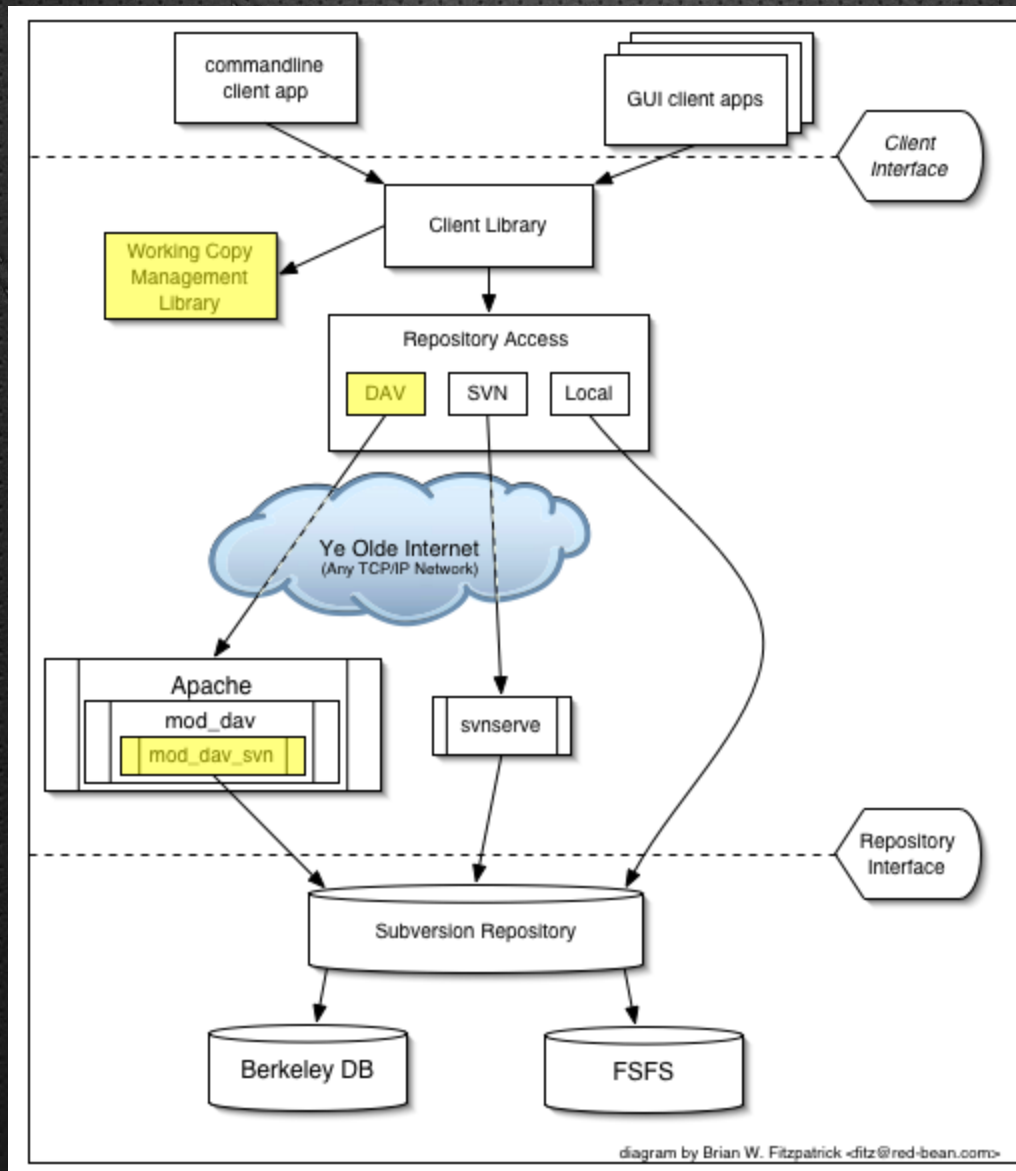Perhaps **too** much time in the FS...   8

diagram by Brian W. Fitzpatrick <fitz@red-bean.com>

Subversion's modular design

commandline client app

GUI client apps

Client Interface

Client Library

Working Copy Management Library

Repository Access
DAV SVN Local

Ye Olde Internet
(Any TCP/IP Network)

Apache
mod_dav
mod_dav_svn

svnserve

Repository Interface

Subversion Repository

Berkeley DB

FSFS

diagram by Brian W. Fitzpatrick <fitz@red-bean.com>

Subversion 1.7: WC-NG

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diagram by Brian W. Fitzpatrick <fitz@red-bean.com>

Subversion 1.7: WC-NG + HTTPv2

diagram by Brian W. Fitzpatrick <fitz@red-bean.com>

Subversion 1.8(?): Editor v2

diagram by Brian W. Fitzpatrick <fitz@red-bean.com>
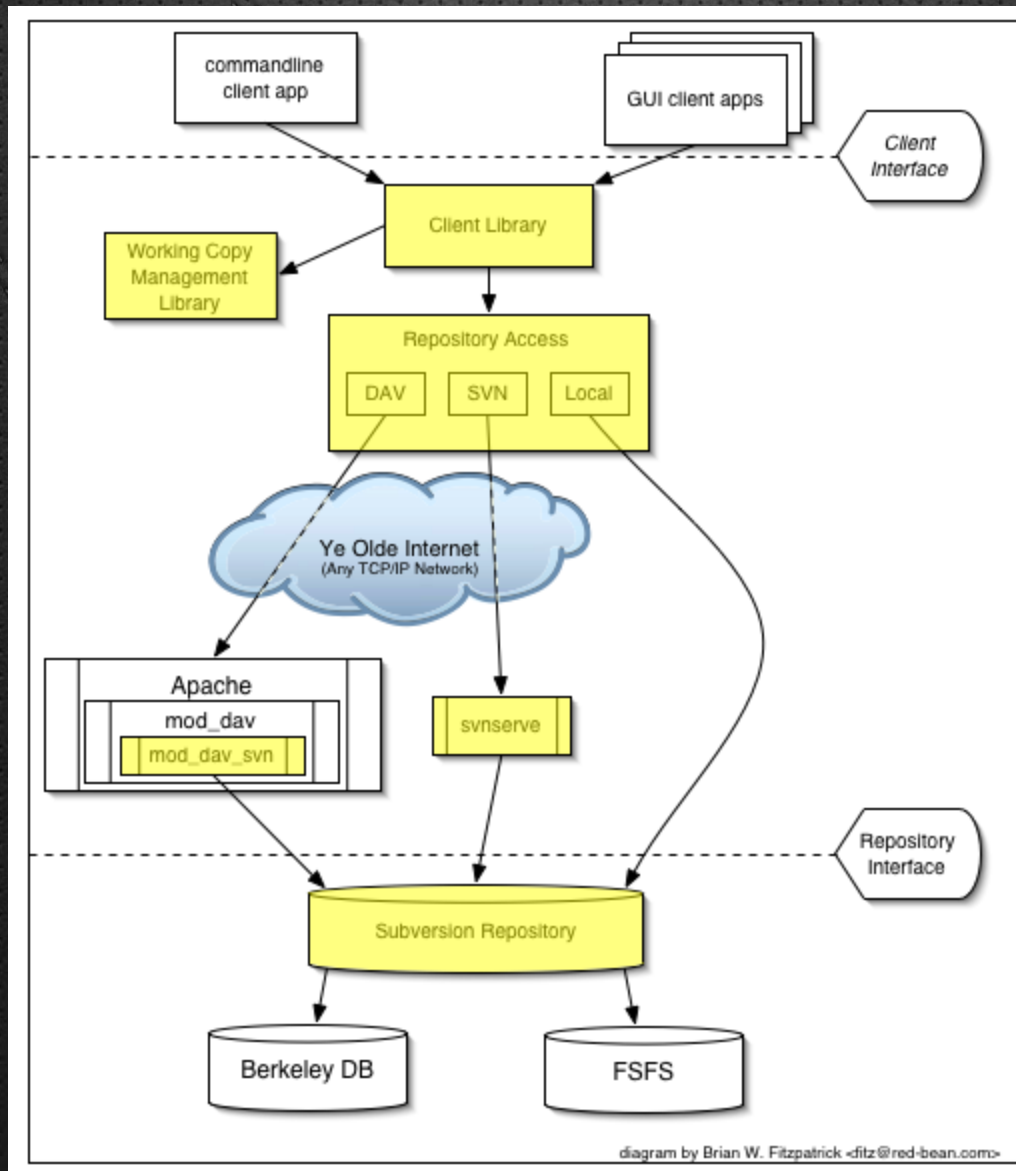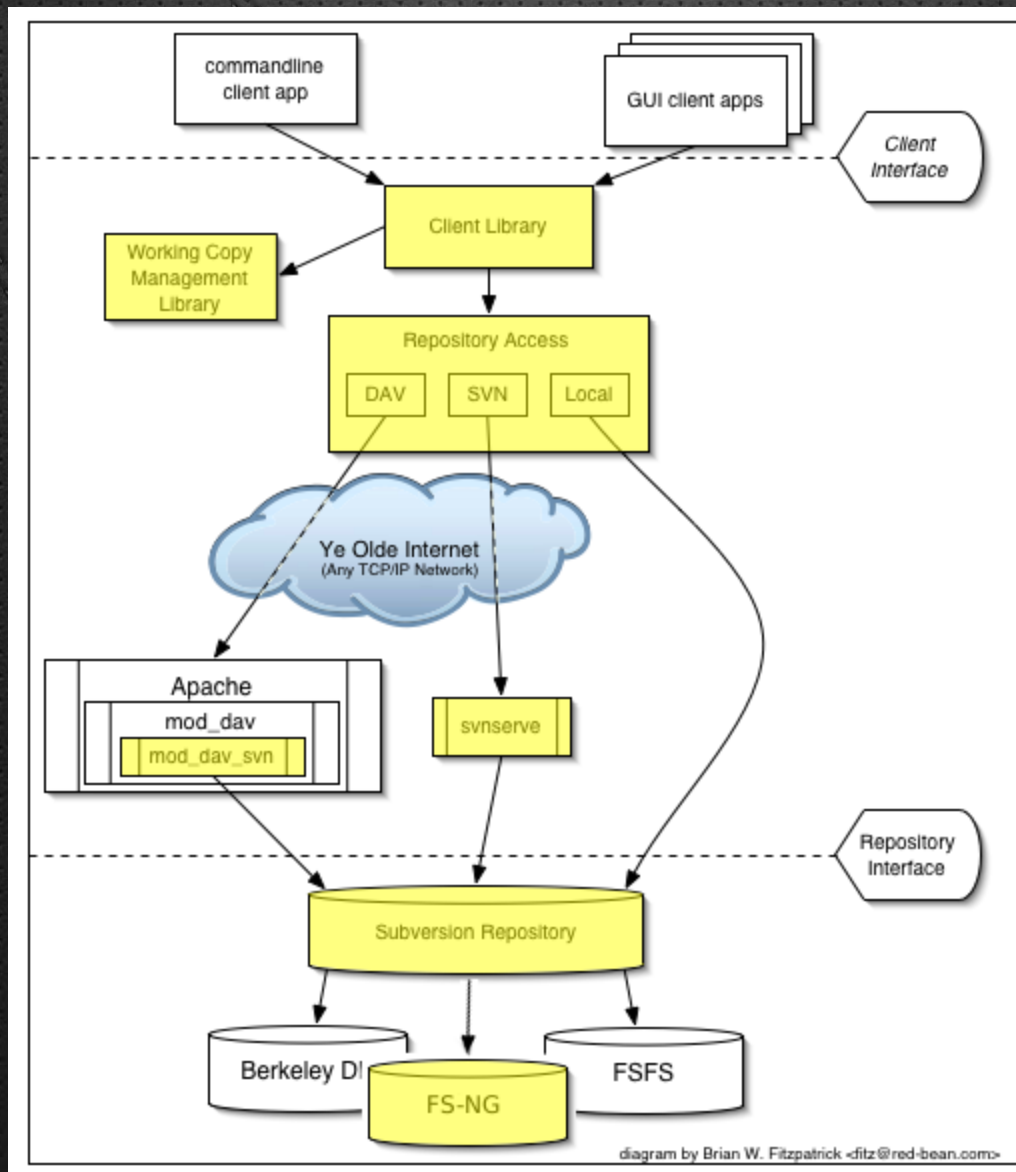
Subversion 2.0(?): FS-NG

Contributors

Volunteer Committers

2000: CollabNet-founded community

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Volunteer Committers

2012: Diversity and strength

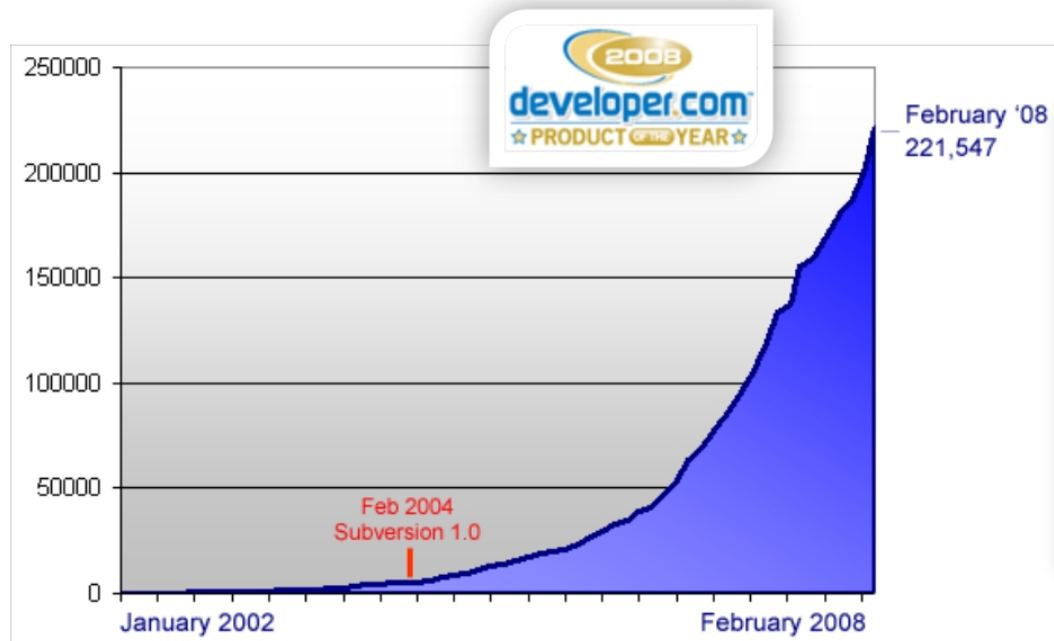Volunteer Committers

You?

2012: Diversity and strength

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Consumers

Unstoppable Subversion

Subversion on public servers: 221,500+

February '08
221,547

Feb 2004
Subversion 1.0

January 2002   February 2008

Estimated Users
➜ 3 Million+

Growth Since 1.4
➜ 3x user base
➜ 10x adoption

SVN Community
➜ 500+

SUBVERSION
> 3

COLLABNET®
Where Subversion® Meets the Enterprise.

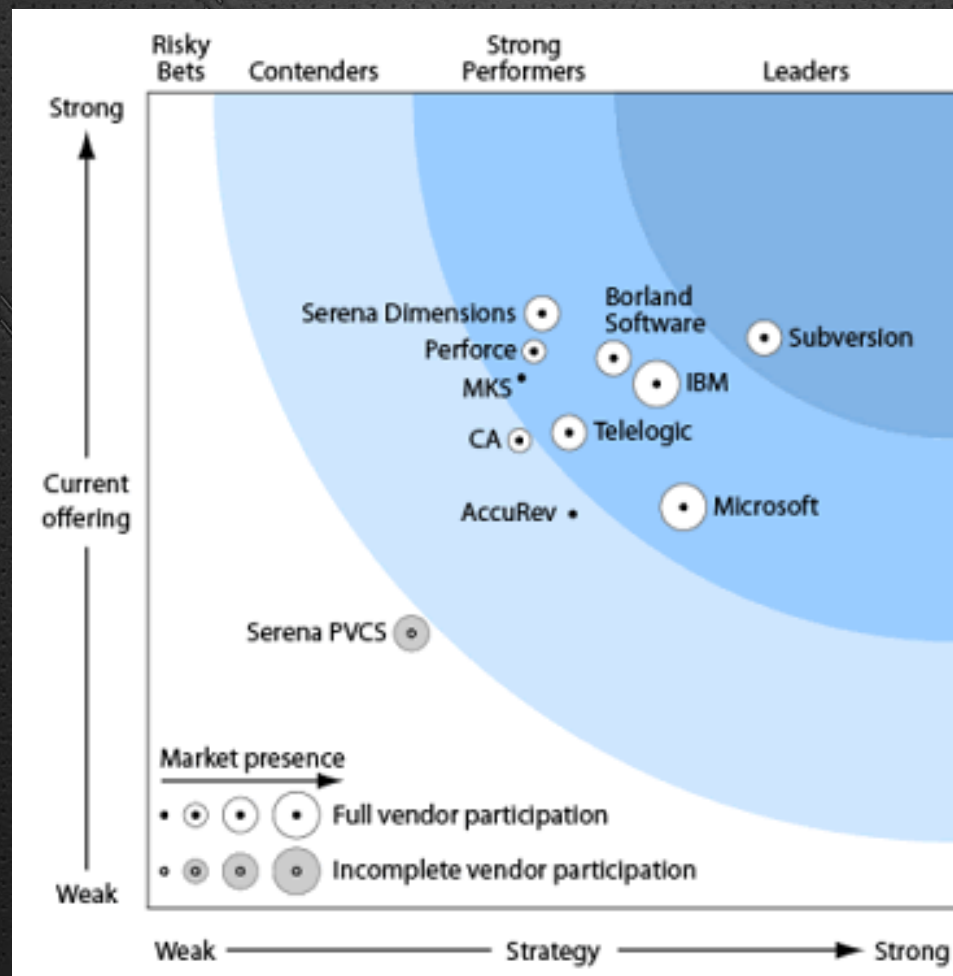Source: http://subversion.tigris.org/svn-dav-securityspace-survey.html

The famous SVN adoption graph

The Forrester Wave is copyrighted by Forrester Research, Inc. Forrester and Forrester Wave are trademarks of Forrester Research, Inc. The Forrester Wave is a graphical representation of Forrester's call on a market and is plotted using a detailed spreadsheet with exposed scores, weightings, and comments. Forrester does not endorse any vendor, product, or service depicted in the Forrester Wave. Information is based on best available resources. Opinions reflect judgment at the time and are subject to change.

2007 Forrester Wave SCM Report

- Big datasets/performance
- Heavy branching/merging
- Moves/renames
- Tighter IT control

Enterprise = bigger challenges

Competition (?)

- Code's still evolving...

- ...from a diverse contribution pool...

- ...for a diverse consumer base...

- ...driving Subversion to continue being the best of its breed!

Thank You
(and enjoy the conference!)

"Changes Over Time", C. Michael Pilato, SvnDay 2012