

Version Control Using Subversion

Acknowledgments

<http://svnbook.red-bean.com/>

Benefits to Using Version Control

- Ability to access previous versions of software
 - Enables tracking down bug introduction
- Recover from accidental deletions
 - Automatic backup
- Commit Messages
 - Know what the author was thinking
- Distribution
 - Can easily access code from anywhere

Benefits to Using Version Control

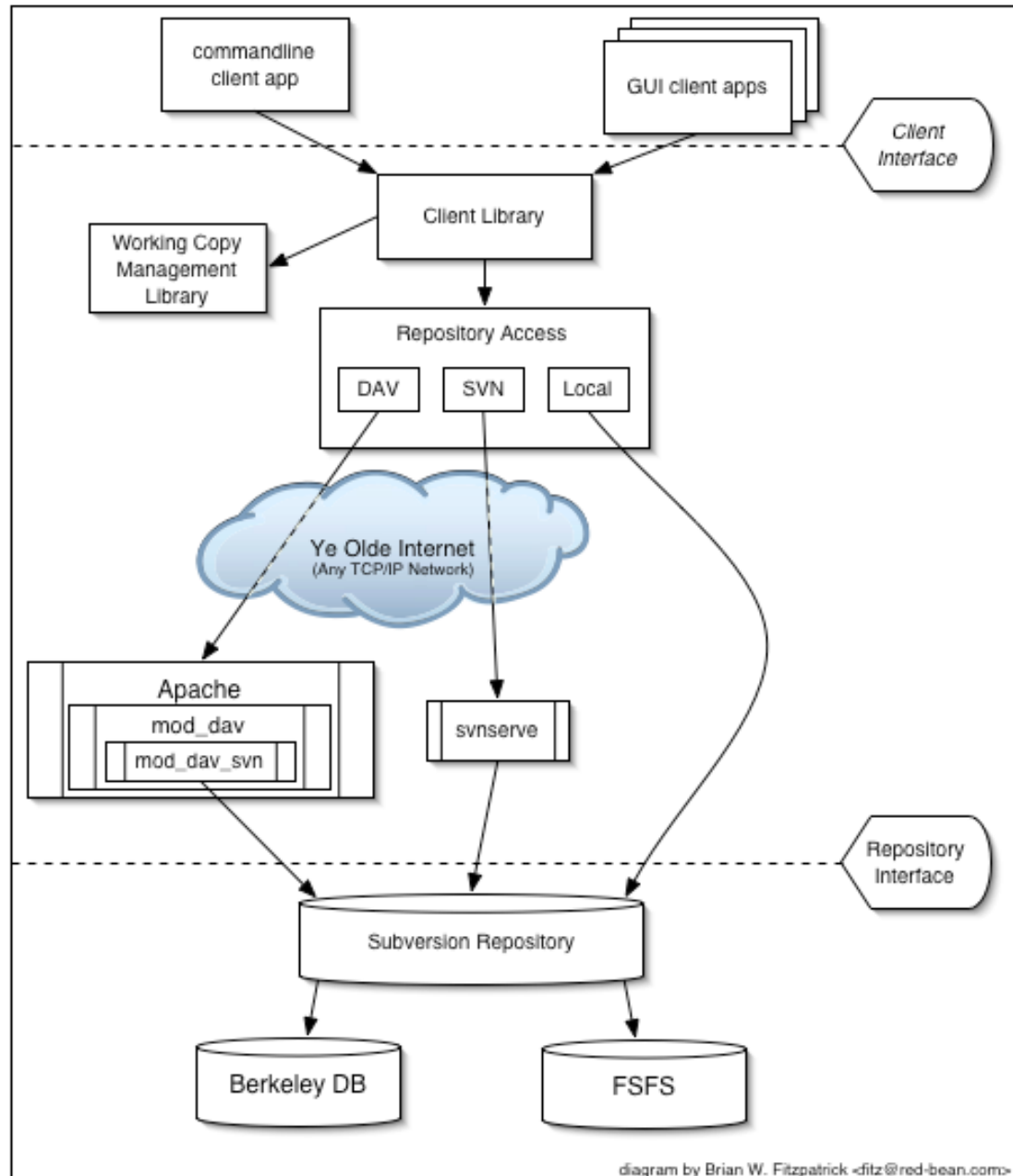
For an Individual:

- Practice
 - Used in industry
- "What was I thinking?"
- "When did I do that?"

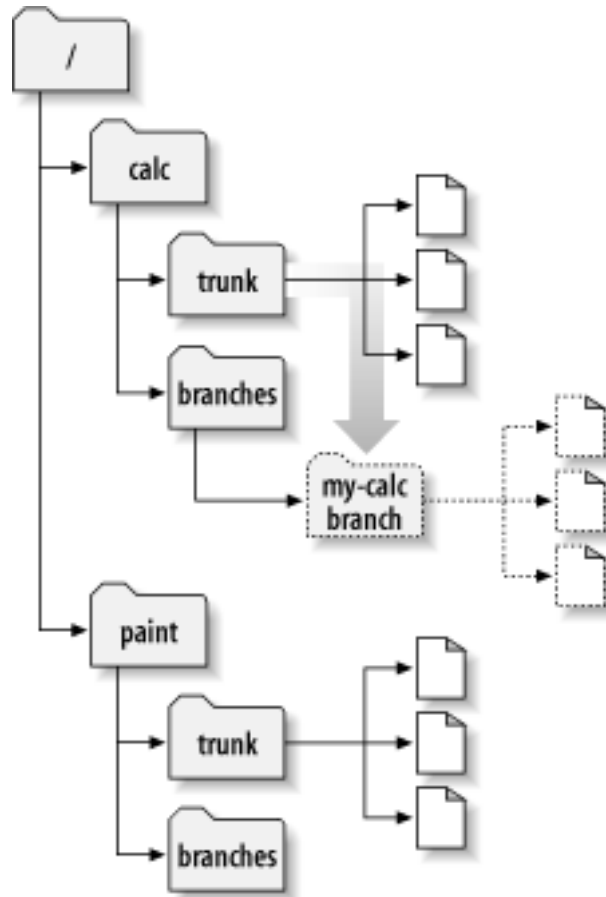
For a Team:

- Accountability
 - Who did the work?
 - Who broke it?
- Maintainability
 - Who should I ask?
- Documentation
- Locking

Architecture



A Repository Structure



Using Subversion - Commands

- Core
 - Check out
 - Add/Update
 - Status
 - Check in
 - Update
- Other
 - Lock
 - Info
 - Make directory
 - Revert