

Advanced Software Development: Subversion

**CPSC 501: Advanced Programming Techniques
Fall 2022**

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Friday, September 2, 2022



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Subversion ... rise and fall

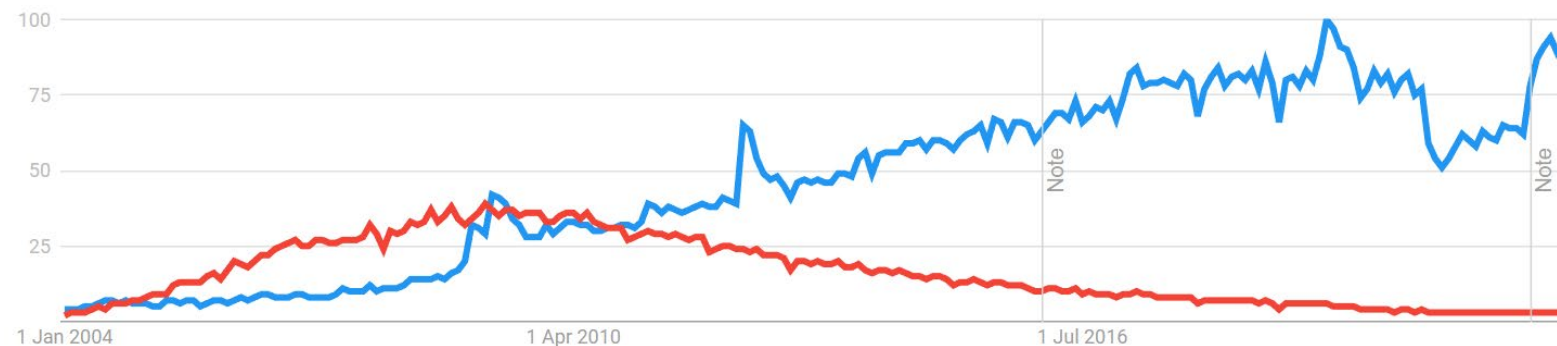
(and why we'll breeze through it)

Subversion ... rise and fall

- Initial release 2000 (still update - > 1.14.2 July 2022)
- Open source (Apache Foundation)
- Popular with sourceforge! (Basically what GitHub now is)
 - 2012 bought (along with Slashdot [RIP]) by Dice.com
 - Bundeware practices increased (some cases of malware)
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- Git (Blue) vs SVN (Red) [<https://trends.google.com/trends/explore?q=git,svn>]



SVN: Notes

- Many IDEs have support for subversion
- Will be able to connect a project to a repository file/url and generally see in GUI if a file has been modified or not during coding
- You can then commit a bunch of changed/added files through GUI with a message
- Generally other behaviours such as rename, delete, tagging, reversion all supported
- TortoiseSVN is a tool that integrates in file system explorer (adds right click svn menu)
- **svn is centralized version control, if you aren't in contact with repo you can't version control changes.**
 - Leads to big commits in communication challenged situations

Onward to ... Git.

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