Advanced Software Development: Subversion

CPSC 501: Advanced Programming Techniques
Winter 2025

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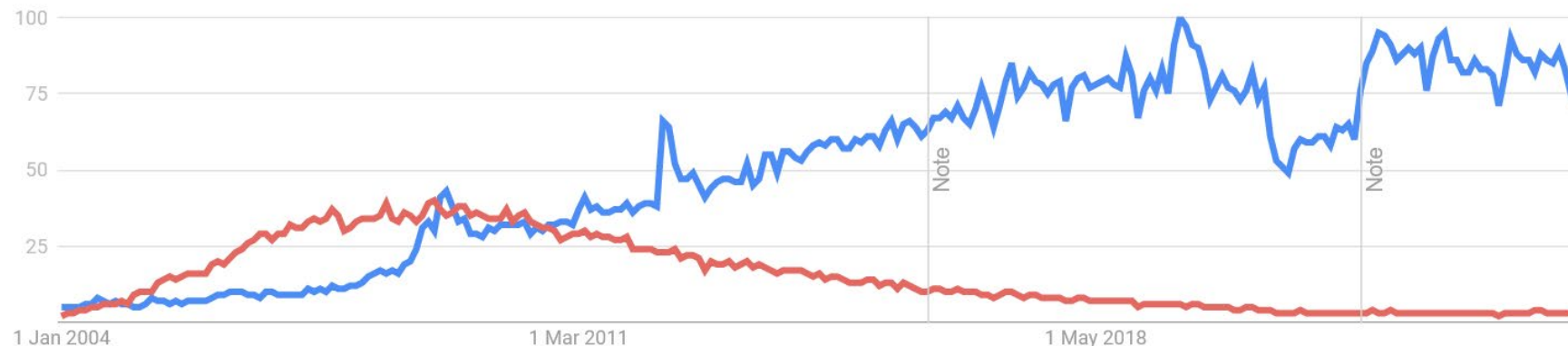
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Subversion ... rise and fall

(and why we'll breeze through it)

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Subversion ... rise and fall

- Initial release 2000 (still updated - > 1.14.5 December 2024)

- Open source (Apache Foundation)

- Popular with old Sourceforge! (Basically what GitHub now is)
  - 2012 bought (along with Slashdot [RIP]) by Dice.com
  - Bundleware practices increased (some cases of malware)
  - Developers fled sit to others like Github

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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

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Onward to …
quick comparison of svn and git.

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