Tortoise SVN

Windows Subversion Client

By Vanessa Valencia, Douglas Weller, Kenneth Cox
What's Subversion?

-To maintain current and previous versions of source code, web pages and documentation
-Successor to CVS
Uses of SVN / Why it's important

- Work on same project without using same computer
- Collaborative work
- Look at previous work in case of catastrophic failure
- Can comment on changes that you've made
Brief History

- First version came out in 2004
- Project inspired by TortoiseCVS with its shell integration
- Started by Tim Kemp but got completely redone by Stefan Kung
- Has always been OpenSource
Used by...

- Students
- Indie game developers
- Developers from companies
- Many different types of people who don't want to deal with/don't know about command line
Conflicts

- If haven't added anything but have a lot of unknown conflicts, alternative is delete everything and update
  - not recommended if you changed a lot of code recently
  - if only worked on one file, can copy file and put it elsewhere and delete one on Tortoise and put the copied file on there
- Revert
DOUG DOES DEMO HERE
Differences Between Tortoise and Git

- Can use Gforge
  - aka everything is on a server, so if your computer gets reformatted, you won't lose work
- Actually has a UI
  - easier to use, no command line
- Can only be used on Windows
Links!

http://tortoisesvn.net/
http://tortoisesvn.tigris.org/
http://sciencefair.math.iit.edu/about/tortoisesvn_tutorial.html
Thanks to group that did git tutorial for letting us use this slide.