1. What is Version Control

Git – helps us manage different versions of our projects. Save points for your projects are incredibly powerful. Change things without losing anything.

Subversion and mercurial are other version control systems.

Git is a distributed version control system.

<http://blogs.atlassian.com/2012/02/version-control-centralized-dvcs/>

<https://en.wikipedia.org/wiki/Distributed_version_control>

1. Version Control In Daily Use

Revision History Isn't Powerful Enough

Google Docs' Revision history page is incredibly powerful! I've used it on several occasions to salvage text that I'd written at one point, erased, and then realized I actually did want to keep.

1. Git and Version Control Terminology

A version control system (abbreviated as VCS) is a tool that manages different versions of source code. A source code manager (abbreviated as SCM) is another name for a version control system.

<https://git-scm.com/>

Commit = save state of project.

Repository / repo = project directory and files used to communicate with git.

Working directory = files on your computers system that you are live-working with and editing.

Checkout = when content in the repository have been copied.

Staging Area / Staging Index / Index = A file in the Git directory that stores information about what will go into your next commit. Prep table.

SHA = an ID number for each commit.

Branch = a new line of development is created that diverges from the main line of development. This alternative line of development can continue without altering the main line.

1. Mac/Linux Setup
2. Windows Setup
3. Onward