Introduction to GitHub

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What is a version control system?

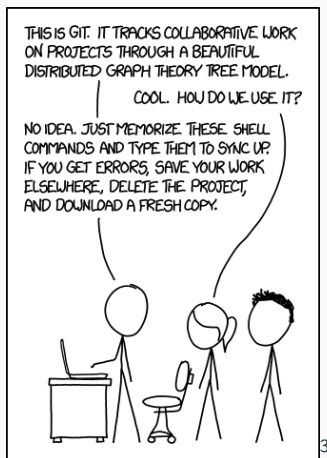A *version control system* is so that your project directory does not look like this


```
☐ 📁 stuff
   ☐ 📁 newerstuff
      ☐ 📁 current_stuff
         ☐ 📁 very_current_stuff
            ☐ 📁 priority 1
               ☐ 📁 priority 0
                  ☐ 📁 lives_depend_on_it
                     ☐ 📁 qwerty
                        ☐ 📁 asdf
                           ☐ 📁 New Folder
                              ☐ 📁 New Folder (88)
                                 ☐ 📁 temp
                                    ☐ 📁 not_temp
                                       ☐ 📁 old copied stuff
                                          ☐ 📁 not_sure_if_safe_to_delete
                                             📁 New Folder          1
```

[1]from http://www.dansdata.com/io094.htm

git is a free and open source distributed version control system created by Linus Torvalds.[2]

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[2]from https://git-scm.com/

What is GitHub?

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GitHub is a web interface to a version control system based on git.

- Implements the feature of Git in addition to its own.

- Has an intuitive app for Windows and Mac.