Using Git with Github and Term

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February 6, 2017

Outline

1. Why You Should Use Version Control
2. Basics
3. Contributing to a Repository

Version control is your friend

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- More extreme: what if your apartment, dorm, etc., caught fire?

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- Your code is no exception

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4. Cloud based solutions, like Github, ensure you stuff is always safe.
   4.1 Or, at least reasonably safer than you, a non corporate entity with non-corporate backup mechanisms, can guarantee.

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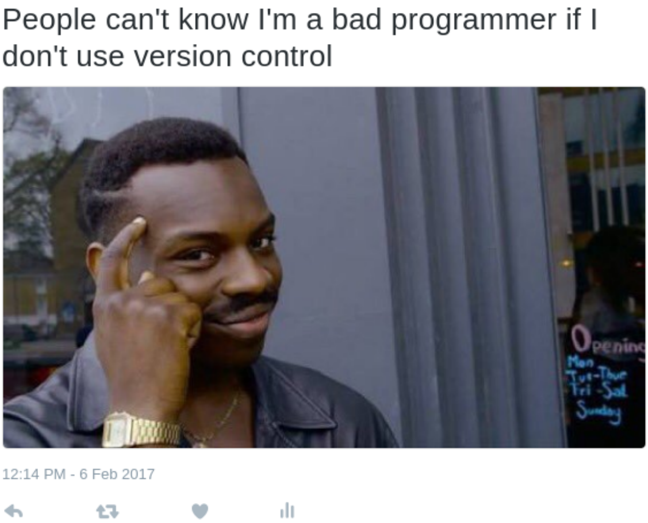
  - i.e. private repositories that no one else can see unless you invite them to see it
  - tons of other benefits: free domain hosting, free hosting credits, payment processing waiver, database access, email infrastructure credits, free access to the unreal game engine, build integration tools, and a few more

"I don't need version control"



People can't know I'm a bad programmer if I don't use version control

12:14 PM - 6 Feb 2017

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- I am not a git professional, but neither are most programmers
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  - Will go over your head otherwise because that is just how git is.

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5. Github account (won't cover)

1. Install Git on your machine (Reference)

Linux

Tons of ways to do it, tar method works on all. Use system package manager when possible, just a lot easier.

```
# for ubuntu
sudo apt install git #16.04
sudo apt-get install git #14.04
```

Mac

1. Binary Installer via Git
2. Macports

   ```
   sudo port install git +svn +doc +bash_completion +gitweb
   ```

3. Homebrew

   ```
   brew install git
   ```

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- Personally, I have zero experience with this. That said, Git says it's easy using the msysGit

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- Anaconda is a very good package that basically does what Pyenv does.

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  - Anaconda also works for Linux and Mac

Frame 1

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Request

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Also, potatoes!