

GitHub Notes

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1 Introduction

2 Getting Started

2.1 Downloading and Installing git

- First, check if you have git by typing `git --version` into the command line. It should give back the version of git installed. If not, you probably don't have git.
- If you don't have git, there are a few ways to install it:
 - On a Mac, it should prompt you to install Xcode Command Line Tools after running `git --version` unsuccessfully
 - On a Linux, you can do `sudo dnf install git-all` or `sudo apt install git-all`, depending if you're on Fedora or a Debian-based distribution, respectively
 - Download from the website: <https://git-scm.com/>
 - From the source, follow instructions here: <https://git-scm.com/book/en/v2/Getting-Started-Installing-Git>

2.2 Short Version

2.3 Long Version

3 Notes

3.1 Resources

The Pro Git book by Scott Chacon and Ben Straub¹: <https://git-scm.com/book/en/v2>.

3.2 List of Common Commands

3.3 Merge Conflicts

3.4 Branching

3.5 Forking: Copying Public Code

3.6 List of Common Errors

3.6.1 Detached Head

References

- [1] Chacon, S. and Straub, B. (2014). *Pro Git*. Apress, second edition. <https://git-scm.com/book/en/v2>.