

# Introduction to Git

# History

- Made in 2005 by Linus Torvalds
  - Before that, he made the Linux Kernel
  - Here is a [Ted talk](#)
  - Here is his [Github](#)
  - Here is the [source code for Git](#)

**"Git is infuriating"**

*- Mandy Brown*

# Git is a prerequisite

You don't have to love it, you just have to ***know*** it.

# What is it?

- A Version Control System (also called a Source Code Management system)
  - Takes snapshots
- A way to collaborate
  - Automates the merging of code for us
- Good for distribution
- It all happens locally
- Supports non-linear development
- It can undo

# What is it?



**Bruce Lawson**  
@brucel

 **Follow**



"Git gets easier once you understand branches  
are homeomorphic endofunctors mapping  
submanifolds of a Hilbert space" [bit.ly/vmEp1P](http://bit.ly/vmEp1P)

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# Put "simply"

It's a tool for modern-day teamwork - collaboration among people, working asynchronously, on a shared body of work.

It saves us from moving floppy disks around, or saving lots of copies of the one file.

# Why use it?

- You make a change and realise it was a horrible mistake? ***Git will sort it out***
- You want to figure out where everything went wrong? ***Git will sort it out***
- You want to try out a new innovative feature that will probably destroy everything? ***Git will sort it out***



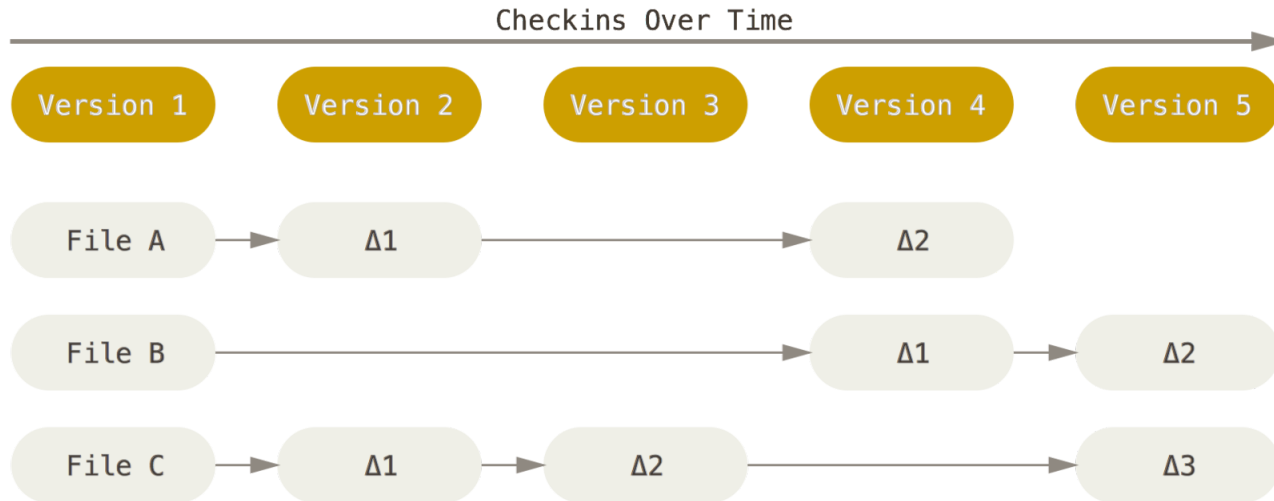
# Remember the audience

The ultimate audience of Git is you.

It takes a long time to get used to!

**Everyone is a writer**

# Enter: Version Control



# Initial Git Setup

```
git config --global user.name "Replace Me"  
git config --global user.email "replace@me.com"  
git config --global core.editor "atom --wait"  
git config --global color.ui 'auto'
```