

OHW20

Git/GitHub survival guide

Housekeeping before we start!

- This is a trial run! Be patient as we tweak things;
- Ask questions on the slack channel #tutorials;
- We'll answer the questions at the end;
- We'll have an ice breaker at the end.

(ask us anything!)

Goal 1: clone the tutorials

This is a one-way interaction

```
[filipe@asus 0 ~]
```

```
> echo "Time to open the terminal" | cowsay -f tux
```

```
-----  
< Time to open the terminal >  
-----
```

```
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    .--.  
   |o_o |  
   |:_/ |  
  //     \ \  
 (|       |)  
 /'\_     _/\  
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```

THIS IS GIT. IT TRACKS COLLABORATIVE WORK
ON PROJECTS THROUGH A BEAUTIFUL
DISTRIBUTED GRAPH THEORY TREE MODEL.

COOL. HOW DO WE USE IT?

NO IDEA. JUST MEMORIZE THESE SHELL
COMMANDS AND TYPE THEM TO SYNC UP.
IF YOU GET ERRORS, SAVE YOUR WORK
ELSEWHERE, DELETE THE PROJECT,
AND DOWNLOAD A FRESH COPY.



Goal 2: work on your project

This is a more involved process that will require two-way interactions and a git workflow.

```
[filipe@asus 0 ~]
```

```
> echo "Time to open the terminal" | cowsay -f tux
```

```
-----  
< Time to open the terminal >  
-----
```

```
  \
   \
      .--.
     |o_o |
     |: _/ |
      //   \ \
     (|     |)
    /' \_   _/ \
   \_____)=(_____/
```



Emma Bostian 🍷

@EmmaBostian



If it makes you feel any better...
nobody **actually** knows how to
use Git. We all just memorize a few
shell commands and hope nothing
implodes.

8:48 · 30 Jul 20 · [Twitter Web App](#)

1,108 Retweets and comments **8,165** Likes

Links!

- <https://swcarpentry.github.io/git-novice>
- <https://lab.github.com/USGS-R/intro-to-pipelines>
- <https://www.dataschool.io/how-to-contribute-on-github/>

Bohemian Repository

Is this a real branch
Or this is just detached state
Caught in a conflict
Dont scape from a merge commit

Open your PR
Look up to the travis and see
I am just a poor dev
from a poor dev team

because what easy pass, easy fail, little red, little green
Anyway the code goes, log history doesn't really matters to me... to me...

Mamma just forced a push
Put the fingers on keyboard
Typed -f and now it is gone

Goodbye commit history
The mess has just began
And now I have to HARD reset
Mamma uhhh uhh uhh uh

-- @rochacbruno