

Internet Móvil x Presentacion Clase #3 y Ta... x Code School - Try Git x +

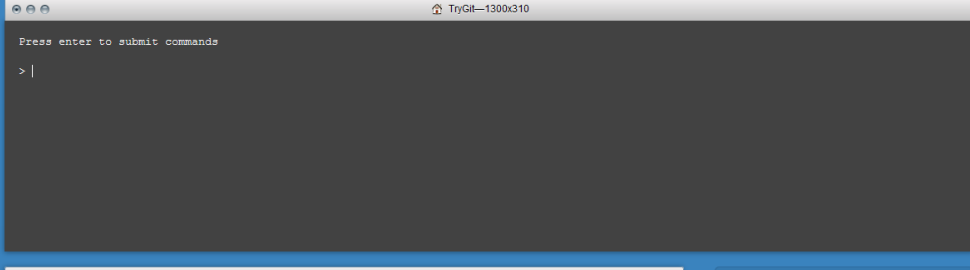

https://try.github.io/levels/1/challenges/1

1.1 · Got 15 minutes and want to learn Git?

Git allows groups of people to work on the same documents (often code) at the same time, and without stepping on each other's toes. It's a distributed version control system.

Our terminal prompt below is currently in a directory we decided to name "octobox". To initialize a Git repository here, type the following command:

`git init`



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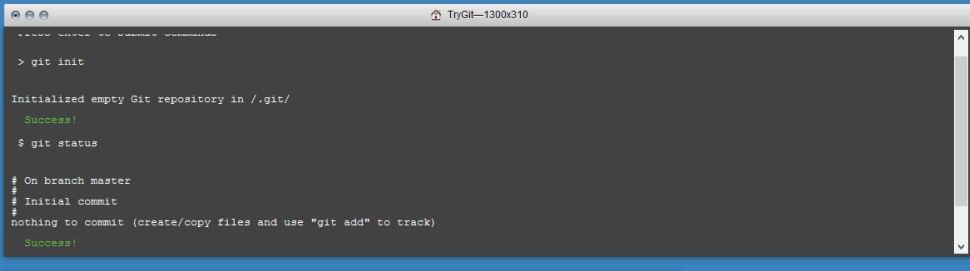

https://try.github.io/levels/1/challenges/3

1.3 · Adding & Committing

I created a file called octocat.txt in the octobox repository for you (as you can see in the browser below).

You should run the git status command again to see how the repository status has changed:

`git status`



My Octobox Repository Advice

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tryGit

1.5 · Checking for Changes

Good job! Git is now tracking our octocat.txt file. Let's run git status again to see where we stand:

[git status](#)

```
# On branch master
#
# Initial commit
#
# Untracked files:
#   (use "git add <file>..." to include in what will be committed)
#
# octocat.txt
nothing added to commit but untracked files present (use "git add" to track)
Success!
$ git add octocat.txt

Nice job, you've added octocat.txt to the Staging Area
```

My Octobox Repository

Advice

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[git add *.txt](#)

```
# Changes to be committed:
#   (use "git rm --cached <file>..." to unstage)
#
#   new file:   octocat.txt
#
Success!
$ git commit -m "Add cute octocat story"

[master (root-commit) 20b5ecd] Add cute octocat story
1 file changed, 1 insertion(+)
create mode 100644 octocat.txt
Success!
$
```

My Octobox Repository

- .git
- octofamily
 - blue_octocat.txt
 - octocat.txt
 - red_octocat.txt

Advice

Wildcards:

We need quotes so that Git will receive the wildcard before our shell can interfere with it. Without quotes our shell will only execute the wildcard search within the current directory. Git will receive the list of files the shell found instead of the wildcard and it will not be able to add the files inside of the octofamily directory.

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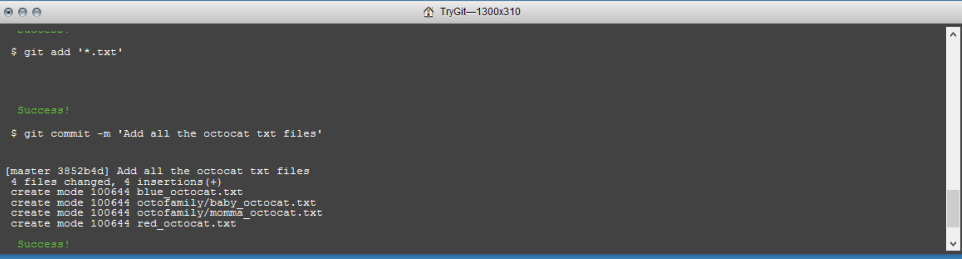
https://try.github.io/levels/1/challenges/9

1.9 · History

So we've made a few commits. Now let's browse them to see what we changed.

Fortunately for us, there's git log. Think of Git's log as a journal that remembers all the changes we've committed so far, in the order we committed them. Try running it now:

`git log`



```
commit 3852b4db163446340bb4d267edb7b3f9cd02ace1
Author: Try Git <try.git@github.com>
Date: Sat Oct 10 08:30:00 2020 -0500

    Add all the octocat txt files

commit b652edfd888cd3d5e7fcb857d0dabc5a0fcb6e28
Author: Try Git <try.git@github.com>
Date: Sat Oct 10 08:30:00 2020 -0500

    Added cute octocat story

Success!
```

My Octobox Repository

Advice

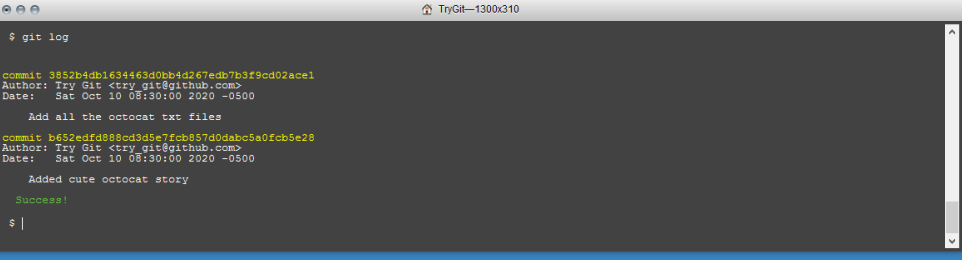
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```
commit 3852b4db163446340bb4d267edb7b3f9cd02ace1
Author: Try Git <try.git@github.com>
Date: Sat Oct 10 08:30:00 2020 -0500

    Add all the octocat txt files

commit b652edfd888cd3d5e7fcb857d0dabc5a0fcb6e28
Author: Try Git <try.git@github.com>
Date: Sat Oct 10 08:30:00 2020 -0500

    Added cute octocat story

Success!
```

My Octobox Repository

Advice

git remote:
Git doesn't care what you name your remotes, but it's typical to name your main one `origin`.

It's also a good idea for your main repository to be on a remote server like GitHub in case your machine is lost at sea during a transatlantic boat cruise or crushed by three monkey statues during an earthquake.

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1.12 · Pulling Remotely

Let's pretend some time has passed. We've invited other people to our github project who have pulled your changes, made their own commits, and pushed them.

We can check for changes on our GitHub repository and pull down any new changes by running:

```
git pull origin master
```



```
TryGit—1300x310
$ git remote add origin https://github.com/try-git/try_git.git
$ git push -u origin master
Branch master set up to track remote branch master from origin.
$
```

My Octobox Repository

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https://try.github.io/levels/1/challenges/14

```
TryGit—1300x310
$ git pull origin master
Updating 3852b4d..9e70b0f
Fast-forward
 yellow octocat.txt | 1
 1 file changed, 1 insertion(+)
 create mode 100644 yellow_octocat.txt
$ git diff HEAD
diff --git a/octocat.txt b/octocat.txt
index 7d8d808..e725ef6 100644
--- a/octocat.txt
+++ b/octocat.txt
@@ -1,1 @@
-1
+1
```

My Octobox Repository

- .git
- octofamily
- blue_octocat.txt
- octocat.txt
- red_octocat.txt

Advice

Commit Etiquette:

You want to try to keep related changes together in separate commits. Using 'git add' gives you a good overview of changes you have made and lets you add files or directories one at a time and commit them separately.

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https://try.github.io/levels/1/challenges/17

1.17 . Undo

git reset did a great job of unstaging octodog.txt, but you'll notice that he's still there. He's just not staged anymore. It would be great if we could go back to how things were before octodog came around and ruined the party.

Files can be changed back to how they were at the last commit by using the command: `git checkout --<target>`. Go ahead and get rid of all the changes since the last commit for octocat.txt

`git checkout -- octocat.txt`



```
TryGit-1300x310
$ git diff --staged

diff --git a/octofamily/octodog.txt b/octofamily/octodog.txt
new file mode 100644
index 0000000..cfbc74a
--- /dev/null
+++ b/octofamily/octodog.txt
@@ -0,0 +1 @@
+octodog
$ git reset octofamily/octodog.txt

Success!
```

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https://try.github.io/levels/1/challenges/21

Now that you've removed all the cats you'll need to commit your changes.

Feel free to run `git status` to check the changes you're about to commit.

`git commit -m "Remove all the cats"`



```
TryGit-1300x310
$ git branch clean_up

Success!
$ git checkout clean_up

Switched to branch 'clean_up'
$ git rm '*.txt'

rm 'blue octocat.txt'
```

My Octobox Repository

Advice

The '-a' option

If you happen to delete a file without using `'git rm'` you'll find that you still have to `'git rm'` the deleted files from the working tree. You

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We're already on the master branch, so we just need to tell Git to merge the clean_up branch into it.

`git merge clean_up`

TryGit—1300x310

```
Success!
$ git commit -m "Remove all the cats"

[clean_up 63540fe] Remove all the cats
5 files changed, 5 deletions(-)
delete mode 100644 blue_octocat.txt
delete mode 100644 octocat.txt
delete mode 100644 octofamily/baby_octocat.txt
delete mode 100644 octofamily/momma_octocat.txt
delete mode 100644 red_octocat.txt

Success!
$ git checkout master

Switched to branch 'master'
```

My Octobox Repository

- ☐ .git
- ☐ octofamily
- blue_octocat.txt
- octocat.txt
- red_octocat.txt

Advice

Merge Conflicts

Merge Conflicts can occur when changes are made to a file at the same time. A lot of people get really scared when a conflict happens, but fear not! They aren't that scary, you just need to decide which code to keep.

Merge conflicts are beyond the scope of this course, but if you're interested in reading more,

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https://try.github.io/levels/1/challenges/24

`git branch -d clean_up`

TryGit—1300x310

```
$ git merge clean_up

Updating 3852b4d..ec6888b
Fast-forward
 blue_octocat.txt | 1 -
 octocat.txt      | 1 -
 octofamily/baby_octocat.txt | 1 -
 octofamily/momma_octocat.txt | 1 -
 red_octocat.txt  | 1 -
 5 files changed, 5 deletions(-)
 delete mode 100644 blue_octocat.txt
 delete mode 100644 octocat.txt
 delete mode 100644 octofamily/baby_octocat.txt
 delete mode 100644 octofamily/momma_octocat.txt
 delete mode 100644 red_octocat.txt

Success!
$ !
```

My Octobox Repository

- ☐ .git
- ☐ octofamily

Advice

Force delete

What if you have been working on a feature branch and you decide you really don't want this feature anymore? You might decide to delete the branch since you're scrapping the idea. You'll notice that `git branch -d` has feature doesn't work. This is because `-d` won't let you delete something that hasn't been merged. You can either add the `--force (-f)` option or use `-D` which combines `-d -f` together into

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