

Teamwork Makes the Dream Work

COMP423

CL01 - 2023.01.11

Announcements

- Homework: Reading 02, 03 - Learn a CLI - Due tomorrow at 11:59p
- Homework: Learning Community Breaking News (More on this.)
 - Due tomorrow at 11:59p
- Install Docker!
- Office Hours Start TODAY in SN136
 - Weds - 3-6pm
 - Thus - 1-6pm
 - Fri - 3-6pm

Consider these CLI interactions.

```
$ git init
```

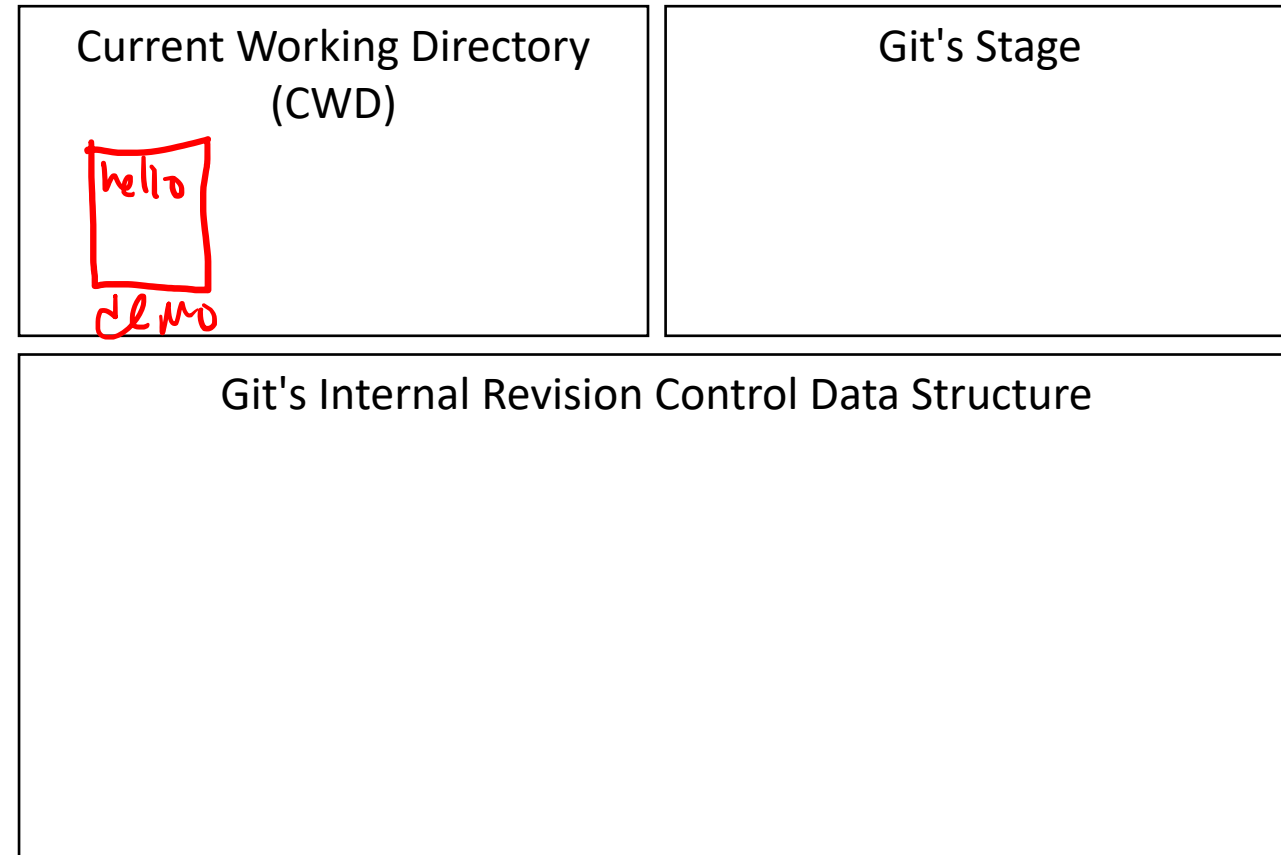
```
$ echo "hello" >demo
```

```
$ git add demo
```

```
$ git commit -m 'First commit.'  
[main (root-commit) 6012aef]  
First commit.  
1 file changed, 1 insertion(+)  
create mode 100644 demo
```

```
$ echo "world" >>demo  
$ git add demo
```

With your partner, diagram roughly what you believe the state of the file system, git's stage, and git's internal data structure look like as the commands to the left are evaluated. Use the sample organization below.



Class Group Submission (Participation not Correctness!)

- One of your pair (or trio) should be *the submitter* today.
- The submitter should log in to Gradescope on their phone.
- Open CL01 - Team Work Makes the Dream Work
 - Add your team mate to your Group
 - Select Files, Take Photo, Save Answer
- This is a new process for us, so we will be circulating around!

```
$ git init
```

```
$ echo "hello" >demo
```

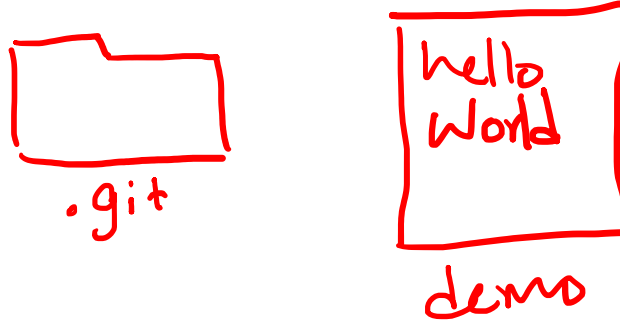
```
$ git add demo
```

```
$ git commit -m 'First commit.'  
[main (root-commit) 6012aef]  
First commit.  
1 file changed, 1 insertion(+)  
create mode 100644 demo
```

```
$ echo "world" >>demo
```

```
$ git add demo
```

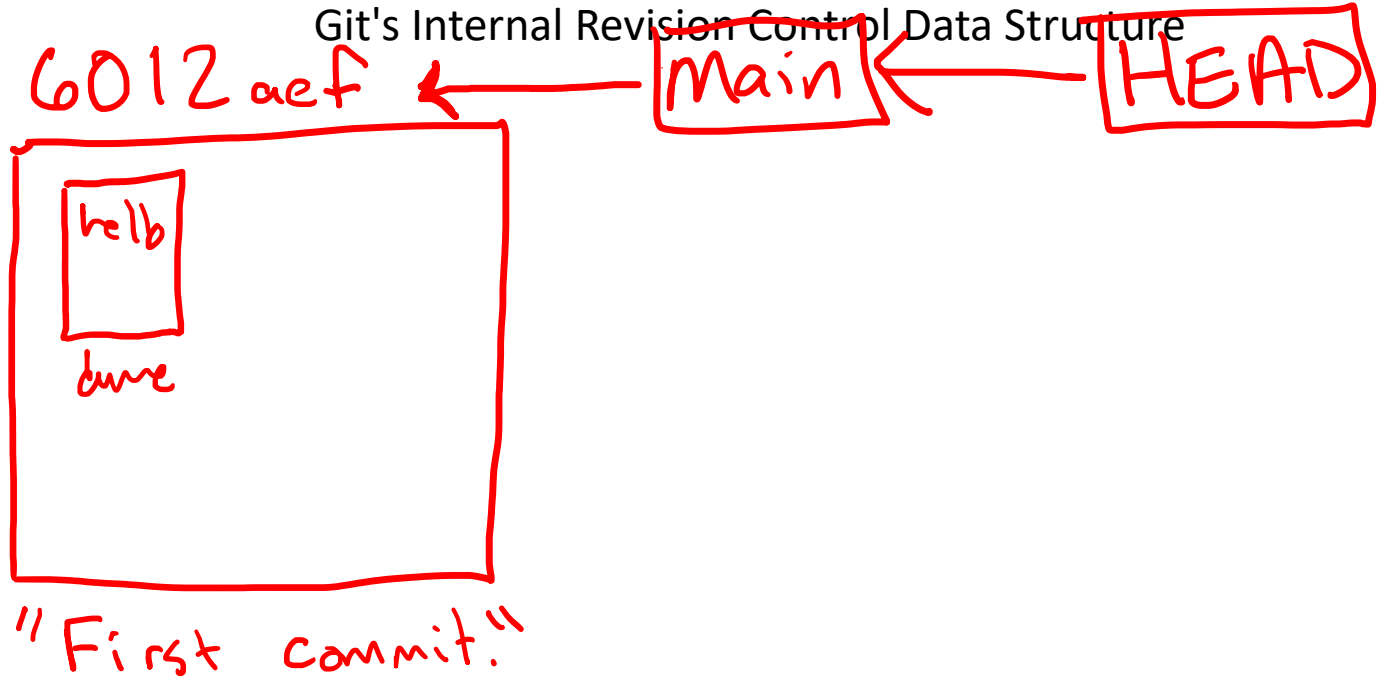
Current Working Directory (CWD)



Git's Stage



Git's Internal Revision Control Data Structure



Virtues of a Great Teammate

- 1m - Think for one minute individually: what are the virtues of a great teammate? What characteristics do you appreciate?
- 4m - On a whiteboard, as a table, brainstorm VIRTUES of great teammates.
 - Don't filter, prune, or judge! This is brainstorming!
 - Give everyone an opportunity to contribute.
- 5m - On a separate whiteboard, select the 5x most important virtues to your table. For each, identify an actionable example of this virtue.

Classwork Submission

- *The submitter* should submit a photo of someone at your table holding the whiteboard for Question 2.
- Go ahead and submit the assignment.
- This is a new process for us, so we will be circulating around!

Consider these CLI interactions.

```
$ git init
```

```
$ echo "hello" >demo
```

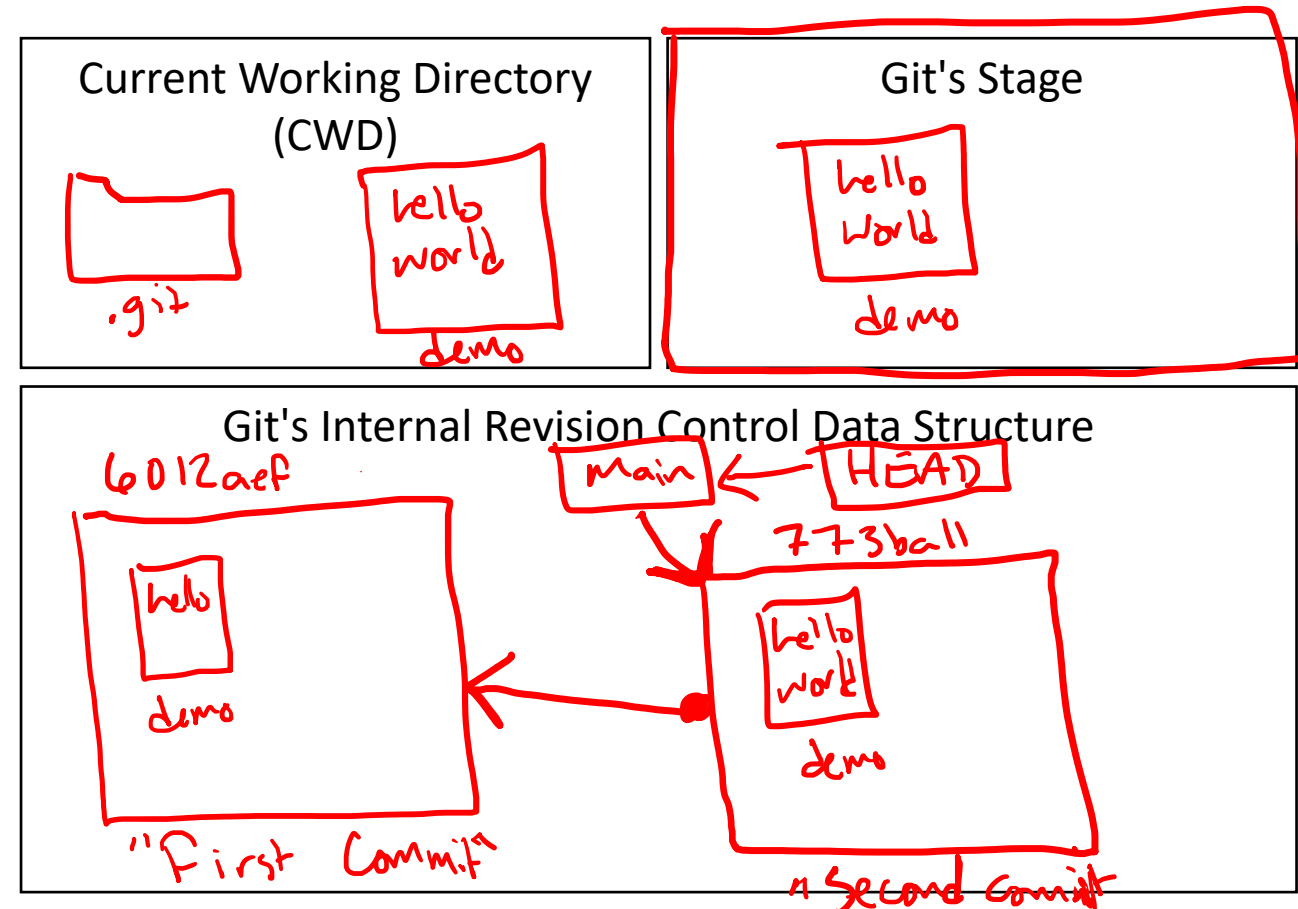
```
$ git add demo
```

```
$ git commit -m 'First commit.'  
[main (root-commit) 6012aef]  
First commit.  
1 file changed, 1 insertion(+)  
create mode 100644 demo
```

```
$ echo "world" >>demo  
$ git add demo
```

```
$ git commit -m 'Second commit.'  
[main 773ba11] Second commit.  
1 file changed, 1 insertion(+)
```

With your partner, diagram roughly what you believe the state of the file system, git's stage, and git's internal data structure look like after the final command is evaluated.

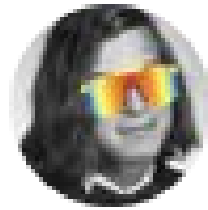



```
$ git init
$ echo "hello" >demo
$ git add demo
$ git commit -m 'First commit.'
[main (root-commit) 6012aef]
First commit.
1 file changed, 1 insertion(+)
create mode 100644 demo
$ echo "world" >>demo
$ git add demo
$ git commit -m 'Second commit.'
[main 773ba11] Second commit.
1 file changed, 1 insertion(+)
```

Current Working Directory (CWD)

Git's Stage

Git's Internal Revision Control Data Structure



Daniel

@growing_daniel



I met my wife in a github issue thread

8:21 PM · Jan 10, 2023 · 481.3K Views



Paige Bailey #BlackLivesMatter @DynamicWebPaige · 7h
git commitment



Daniel @growing_daniel · 12h

I met my wife in a github issue thread

Learning Community Breaking News

Assignment:

Visit Hacker News (news.ycombinator.com)

Select a story within the first 5 pages with at least 25 votes that catches your attention.

Read it, skim the comments on Hacker News, respond to quick questions on Gradescope.

We will discuss everyone's breaking news item in class Friday.

Docker Installation Test

- Try running the following command:
- `$ docker run --rm -d -p 80:80 docker/getting-started`
- Open a browser to: <http://localhost>
- You should see the Docker Getting Started tutorial.
- If you do not, come see us in office hours!