Collaborating using git
Branches

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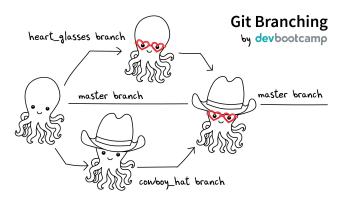
2nd November 2021

Where to go for the exercise

Motivation

Git Branching
by **devbootcamp**

heart_glasses branch

master branch   master branch

cowboy_hat branch

Coderefinery: `https://twitter.com/jay_gee/status/703360688618536960`

Workflow: Where are we?

```
$ git branch
```

What our file looks like

Test

firrst line

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```
$ git branch
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What our file looks like

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firrst line

Workflow: Where are we?

```
$ git branch

* main
```

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Workflow: Where are we?

```
$ git branch

* main
```

What our file looks like

```
Test

firrst line
```

Workflow: Creating branches

Let's do some more work

```
$ git branch new_content main
$ git checkout new_content
$ git branch new_content main
```

What our file looks like

```
Test

firrst line

second line
```

Let's do some more work

```
$ git branch new_content main
$ git checkout new_content
$ git branch new_content main
```

What our file looks like

Test

firrst line

second line

Workflow: Creating branches

Let's do some more work

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$ git branch new_content main
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Workflow: Creating branches

Let's do some more work

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$ git branch new_content main
$ git checkout new_content
$ git branch new_content main

main
* new_content
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What our file looks like

Test

firrst line

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Workflow: Creating branches

Let's do some more work

```
$ git branch new_content main
$ git checkout new_content
$ git branch new_content main

main
* new_content
```

What our file looks like

```
Test

firrst line

second line
```

Correct typo

```
$ git checkout main
$ git branch typo main
$ git checkout typo
$ git branch
```

Workflow: Working with multiple branches

Correct typo

```
$ git checkout main
$ git branch typo main
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main
new_content
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What our file looks like

```
Test

firrst line
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Workflow: Merging branches

```
$ git merge main
$ git checkout main
$ git merge typo
$ git branch -d typo
$ git branch
```

What our file looks like

```
Test

first line
```

Workflow: Merging branches

```
$ git merge main
$ git checkout main
$ git merge typo
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What our file looks like

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Workflow: Merging branches

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$ git checkout new_content
$ git merge main
$ git checkout main
$ git merge new_content
```

What our file looks like

Test

first line

second line

Workflow: Merging branches

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$ git checkout new_content
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$ git checkout main
$ git merge new_content
```

What our file looks like

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second line

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