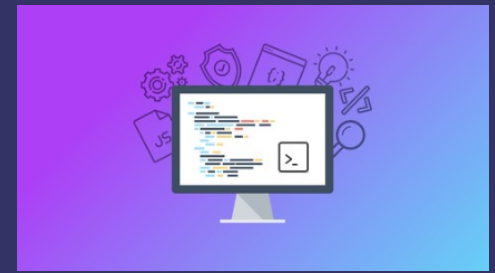
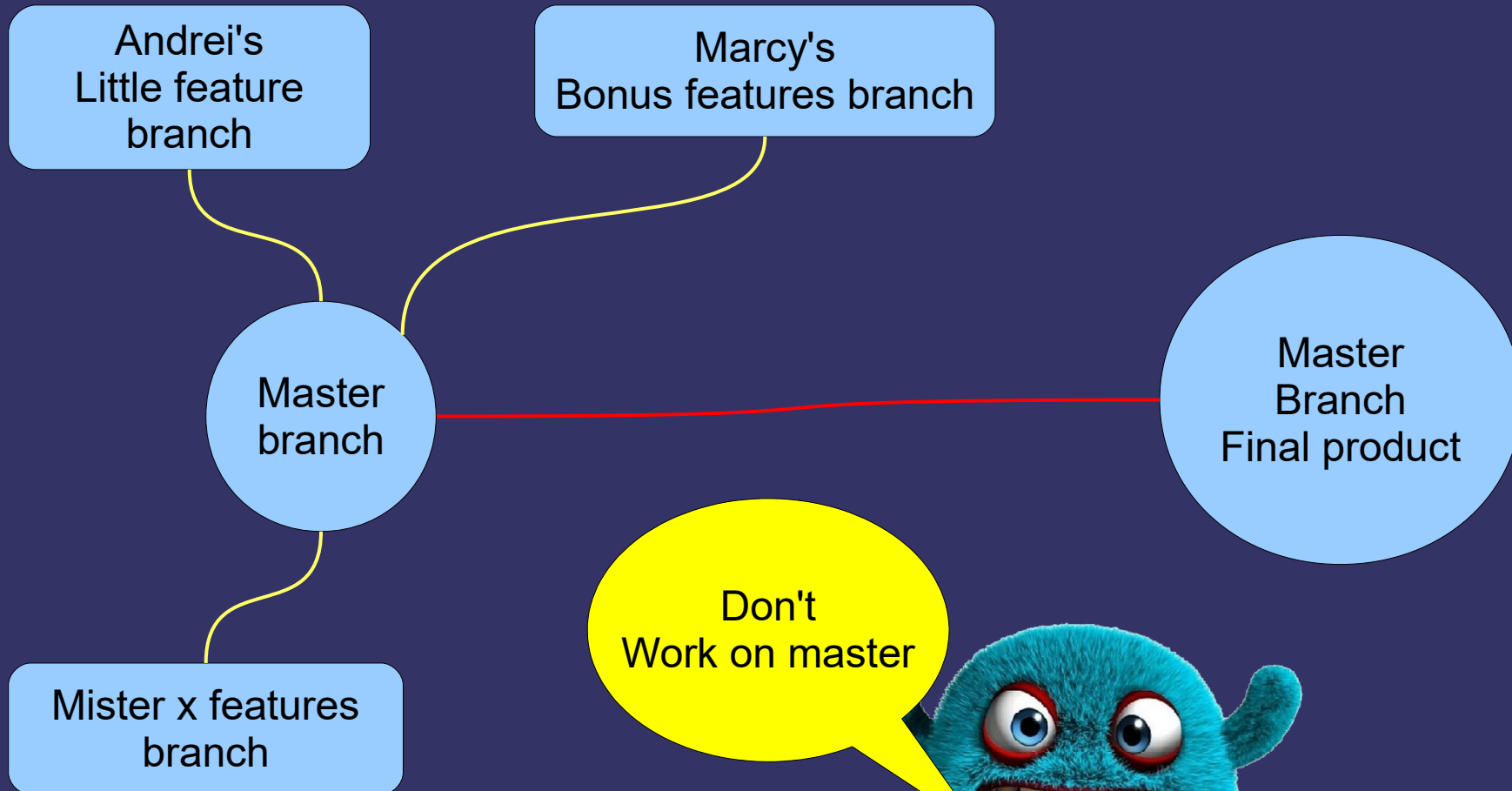


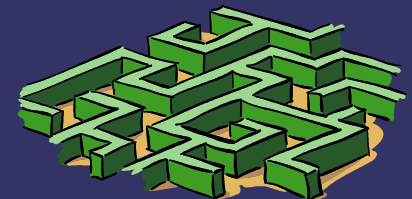
# Git and GitHub Guide Part-2 Branching



The complete  
Web Developer in 2018



Don't  
Work on master



# (Win 10) *Using Gitbash.exe or Visual Studio Code*

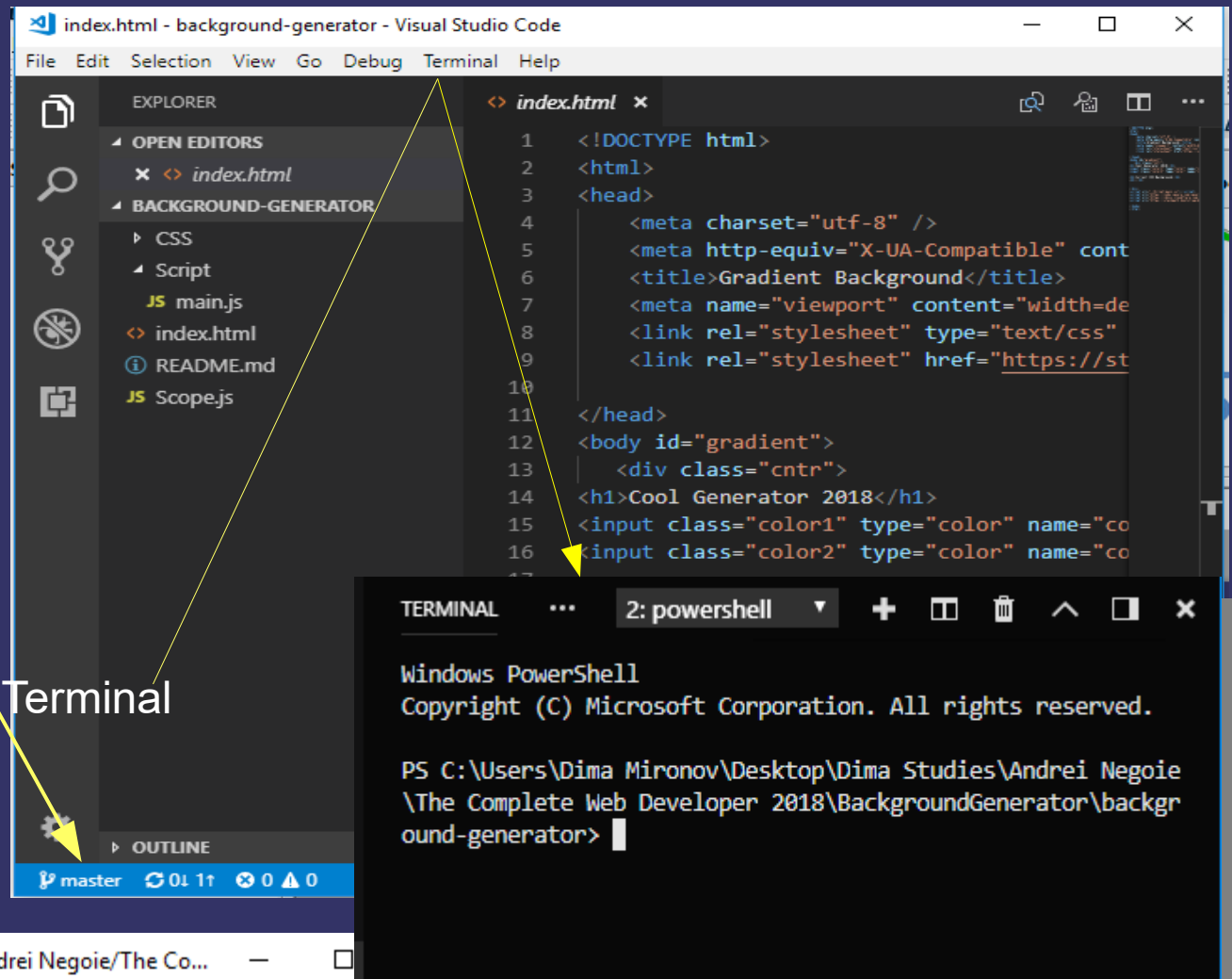
*The overall procedure is pretty much the same for both - mac and win*



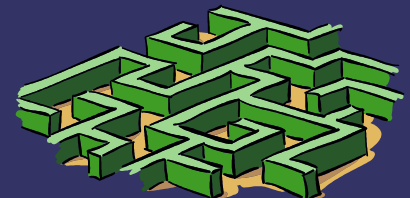
Open Visual Studio Code

If this folder already contains a .git folder you will automatically see the Master branch icon at the left bottom corner

Step 2.  
Open Terminal Window/New Terminal  
Or use external Terminal



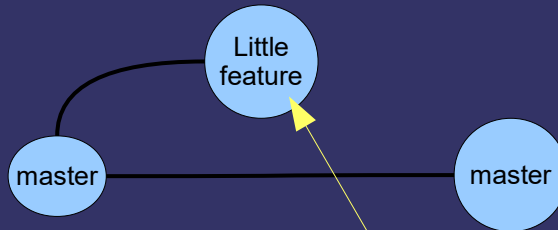
MINGW64:/c/Users/Dima Mironov/DEsktop/Dima Studies/Andrei Negoie/The Co...  
Dima Mironov@Dmitry-M MINGW64 ~/DEsktop/Dima Studies/Andrei Negoie/The Complete Web Developer 2018/BackgroundGenerator/background-generator (master)  
\$ |



# Create a new branch Using IDE(VSCode) or Terminal

Let's create a new branch (terminal)

1. Type `git branch littlefeature` (this will create a new branch)
2. Type `git branch` (will display all branches available)
3. Type `git checkout littlefeature` (Switch to a new branch)



\* `master` means we currently on master branch.

## Note:

If something went wrong and you need to delete the branch, type `git branch -d littlefeature`  
The above command will delete the mistaken branch

```
MINGW64:/c/Users/Dima Mironov/DEsktop/Dima Studies/Andrei Negoie/The Co...  
Dima Mironov@Dmitry-M MINGW64 ~/DEsktop/Dima Studies/Andrei Negoie/The Complete Web  
Developer 2018/BackgroundGenerator/background-generator (master)  
$ git branch littlefeature  
  
Dima Mironov@Dmitry-M MINGW64 ~/DEsktop/Dima Studies/Andrei Negoie/The Complete Web  
Developer 2018/BackgroundGenerator/background-generator (master)  
$ git branch  
  littlefeature  
* master  
  
Dima Mironov@Dmitry-M MINGW64 ~/DEsktop/Dima Studies/Andrei Negoie/The Complete Web  
Developer 2018/BackgroundGenerator/background-generator (master)  
$
```

```
MINGW64:/c/Users/Dima Mironov/DEsktop/Dima Studies/Andrei Negoie/The Co...  
Dima Mironov@Dmitry-M MINGW64 ~/DEsktop/Dima Studies/Andrei Negoie/The Complete Web  
Developer 2018/BackgroundGenerator/background-generator (master)  
$ git checkout littlefeature  
Switched to branch 'littlefeature'  
  
Dima Mironov@Dmitry-M MINGW64 ~/DEsktop/Dima Studies/Andrei Negoie/The Complete Web  
Developer 2018/BackgroundGenerator/background-generator (littlefeature)  
$
```

4. We successfully switched to a new branch

# Let's modify index.html now

1. Open index.html (use IDE or terminal) Type: start code index.html
2. Locate the <h2> tag and change the title to <h2>This is the background</h2>
3. Save all, then do the following procedure...
4. `git add index.html`
5. `git commit -m"changing title"`
6. `git push`

If it doesn't work and you get an error

fatal: The current branch littlefeature has no upstream branch.  
To push the current branch and set the remote as upstream,  
use `git push --set-upstream origin littlefeature`

Fix....

Type `git push origin littlefeature`

```
12 <body id="gradient">
13 |   <div class="cntr">
14 |     <h1>Cool Generator 2018</h1>
15 |     <input class="color1" type="color" name="color1" value="#00f
16 |     <input class="color2" type="color" name="color2" value="#ff6
17 |
18 |     <h2>This is the background</h2>
19 |     <h3></h3>
20 |
21 |
```

```
Dima Mironov@Dmitry-M MINGW64 ~/Desktop/Dima Studies/Andrei Negoie/The Complete
Web Developer 2018/BackgroundGenerator/background-generator (littlefeature)
$ git push
fatal: The current branch littlefeature has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin littlefeature

Dima Mironov@Dmitry-M MINGW64 ~/Desktop/Dima Studies/Andrei Negoie/The Complete
Web Developer 2018/BackgroundGenerator/background-generator (littlefeature)
$ git push origin littlefeature
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 302 bytes | 302.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0)
```

# Go Back to <https://github.com>

1. We now see a yellow notification  
**You recently pushed branches**

2. If we click the green button  
**Compare & pull request**  
It will expose the changes we have made

## Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

base: master ← compare: littlefeature ✓ Able to merge. These branches can be automatically merged.



Littlefeature

Write Preview

AA B i “ < > @ # ↩

Marcy, I've changed the title what do you think?

Marcy i've changed the title  
What do you think?

Attach files by dragging & dropping, selecting them, or pasting from the clipboard.

Styling with Markdown is supported

Create pull request

3. Click Create pull request button

## Note:

We've made a change to index.html  
Marcy will decide approve it or not.



antonykidis / background-generator

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

No description, website, or topics provided.

Manage topics

6 commits 2 branches 0 releases

Your recently pushed branches:

littlefeature (less than a minute ago)

Compare & pull request

Branch: littlefeature New pull request

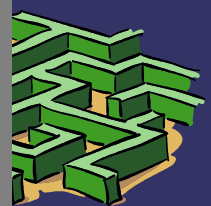
Upload files Find file Clone or download

This branch is 2 commits ahead of master.

Pull request Compare

Showing 1 changed file with 2 additions and 2 deletions.

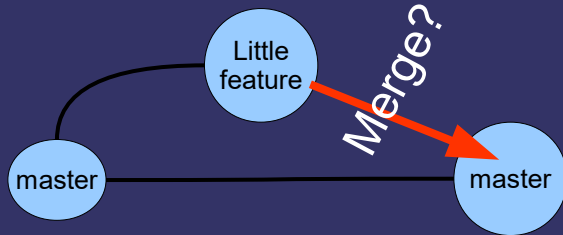
```
@@ -11,11 +11,11 @@
11 </head>
12 <body id="gradient">
13   <div class="cntr">
14     - <h1>Cool Generator</h1>
15     + <h1>Cool Generator 2018</h1>
16     <input class="color1" type="color" name="color1" value="#00ff00">
17     <input class="color2" type="color" name="color2" value="#ff0000">
18     <h2>Current CSS Background</h2>
19     + <h2>This is the background1</h2>
20     <h3></h3>
21   </div>
```



# We successfully created a pull request (PR)

As you can see antonykidis(Marcy) wants to merge 3 commits into **master** from **littlefeature**

Hey Marcy I did a little Change on little feature, is it okay for me to Merge it to master?



Let's see what Marcy will probably do..

## Littlefeature #1

[Open](#) antonykidis wants to merge 3 commits into **master** from **littlefeature**

Conversation 0 Commits 3 Checks 0 Files changed 1

antonykidis commented 4 minutes ago Owner + ...

Marcy, I've changed the title what do you think?

antonykidis added some commits 19 hours ago

- update the title 122ade7
- changing title ef61fcc
- changing title to background1 52de4ef

1 commit  
2 commit  
3 commit

Add more commits by pushing to the **littlefeature** branch on antonykidis/background-generator.

Continuous integration has not been set up  
Several apps are available to automatically catch bugs and enforce style.

This branch has no conflicts with the base branch  
Merging can be performed automatically.

[Merge pull request](#) You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Write Preview AA B i “ <> @

Leave a comment

# Marcy will Open-up a pull request link

Littlefeature #1

[Open](#) antonykidis wants to merge 3 commits into master from littlefeature

Conversation 0 Commits 3 Checks 0 **Files changed 1**

antonykidis commented 22 minutes ago

Marcy, I've changed the title to background1

antonykidis added some commits 19 hours ago

- update the title
- changing title
- changing title to background1

Click to  
See the  
changes

Showing 1 changed file with 2 additions and 2 deletions.

4 index.html

	@@ -11,11 +11,11 @@
11	11 </head>
12	12 <body id="gradient">
13	13 <div class="cntr">
14	- <h1>Cool Generator</h1>
14	+ <h1>Cool Generator 2018</h1>
15	15 <input class="color1" type="color" name="color1" value="#00ff00">
16	16 <input class="color2" type="color" name="color2" value="#ff0000">
17	17
18	- <h2>Current CSS Background</h2>
18	+ <h2>This is the background1</h2>
19	19 <h3></h3>
20	20
21	21

antonykidis / background-generator

[Code](#) [Issues 0](#) **[Pull requests 1](#)**

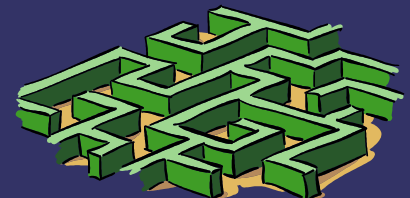
Label is: Now, GitHub v

Filters

☐ 1 Open ☒ 0 Closed


☐ **Littlefeature**  
#1 opened 29 minutes ago by antonykidis

Click here





Hey everything Looks good!  
(Click a plus sign)  
Strat a review, add some  
comments, and then submit the  
review



```
@@ -11,11 +11,11 @@
11 11 </head>
12 12 <body id="gradient">
13 13 <div class="cntr">
14 - <h1>Cool Generator</h1>
14 + <h1>Cool Generator 2018</h1>
15 15 <input class="color1" type="color" name="color1" value="#00ff00">
16 16 <input class="color2" type="color" name="color2" value="#ff0000">
17 17
18 - <h2>Current CSS Background</h2>
18 + <h2>This is the background1</h2>
```

Write Preview AA B i “ < > @ [icons]

Looks good

Attach files by dragging & dropping, selecting them, or pasting from the clipboard.

Styling with Markdown is supported

Cancel Add single comment **Start a review**

Diff settings Review changes 1

Submit your 1 pending comment

Review summary

Everything is good

- ☒ Comment  
Submit general feedback without explicit approval.
- ☐ Approve  
Submit feedback and approve merging these changes.
- ☐ Request changes  
Submit feedback that must be addressed before merging.

**Submit review**

**Then She will merge a pull request.**

Pull request is now merged into the master.  
Marcy can now delete our branch if she want.

Add more commits by pushing to the **littlefeature** branch on antonykidis/background-generator.

Continuous integration has not been set up  
Several apps are available to automatically catch bugs and enforce style.

This branch has no conflicts with the base branch  
Merging can be performed automatically.

**Merge pull request** You can also open this in GitHub Desktop or view command line instructions.

Merge pull request #1 from antonykidis/littlefeature

Littlefeature

**Confirm merge** Cancel

Pull request successfully merged and closed  
You're all set—the **littlefeature** branch can be safely deleted.

**Delete branch**

Write Preview AA B i “ < > @ [icons]