

Git

Adam Zareba

Agenda

What is Git?

Configuring Git

Working with Git locally

Working with Git remotely

Forks

Merging - conflicts solving

Pull requests

What is Git?



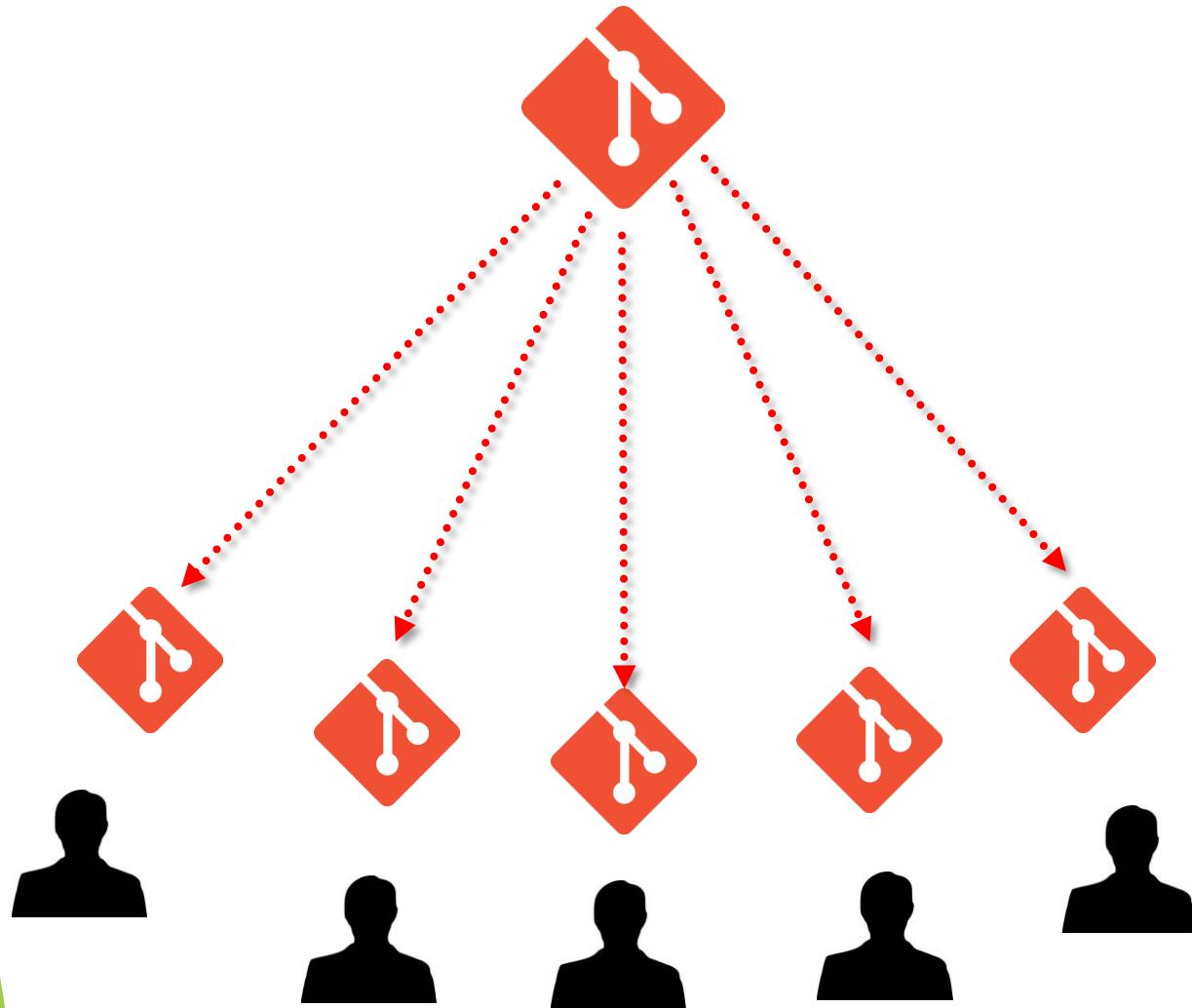
Git is a free and open source distributed version control system (VCS) created for a single task: managing changes to your files.

It lets you track every change a software project goes through, as well as where those changes came from.

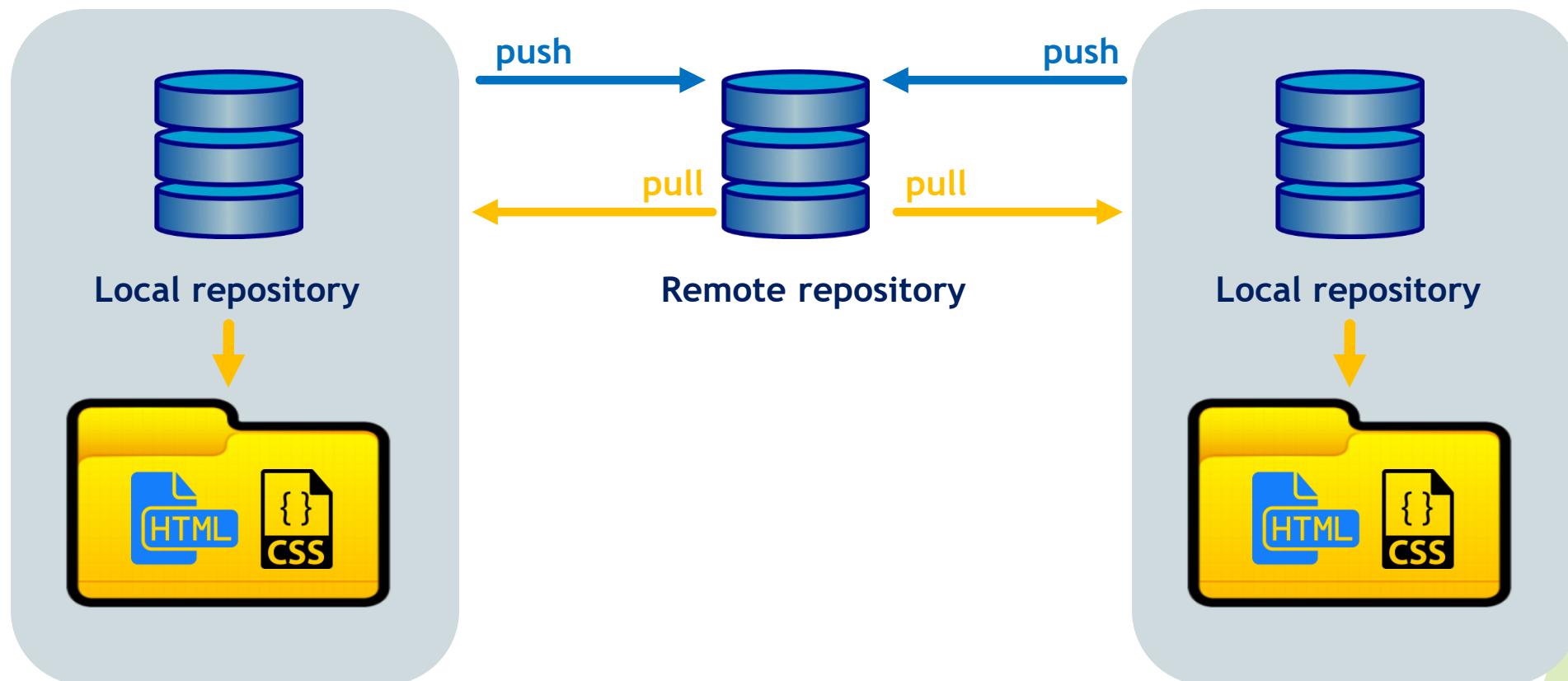
This makes Git an essential tool for managing large projects, but it can also open up a vast array of possibilities for your personal workflow.

Repositories

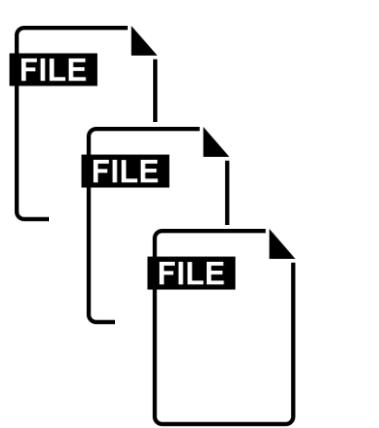
Git stores your data in databases called repositories. You can create a repository on your, or you can copy an existing repository.



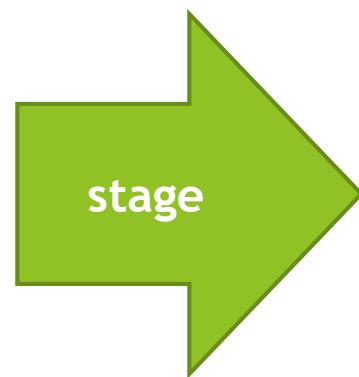
Local and remote repositories



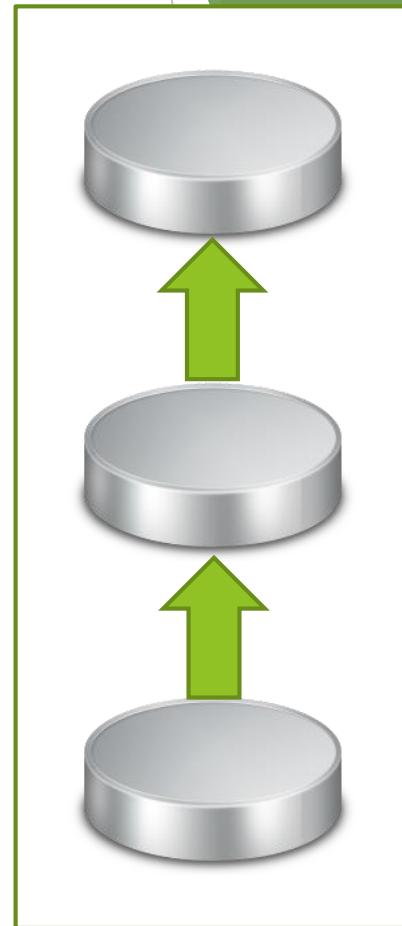
Stage and commit process



Files

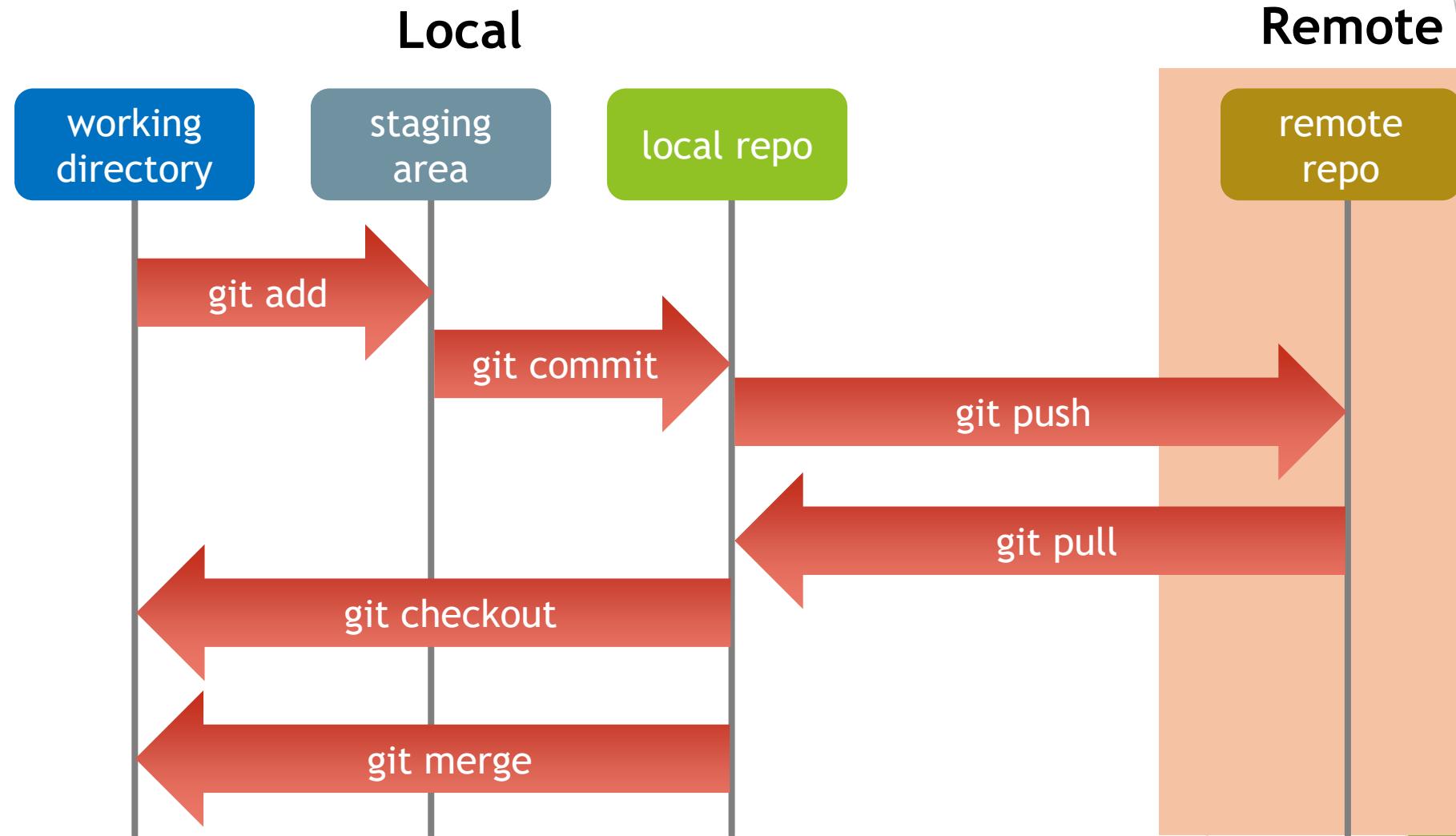


Snapshot



History

Flow

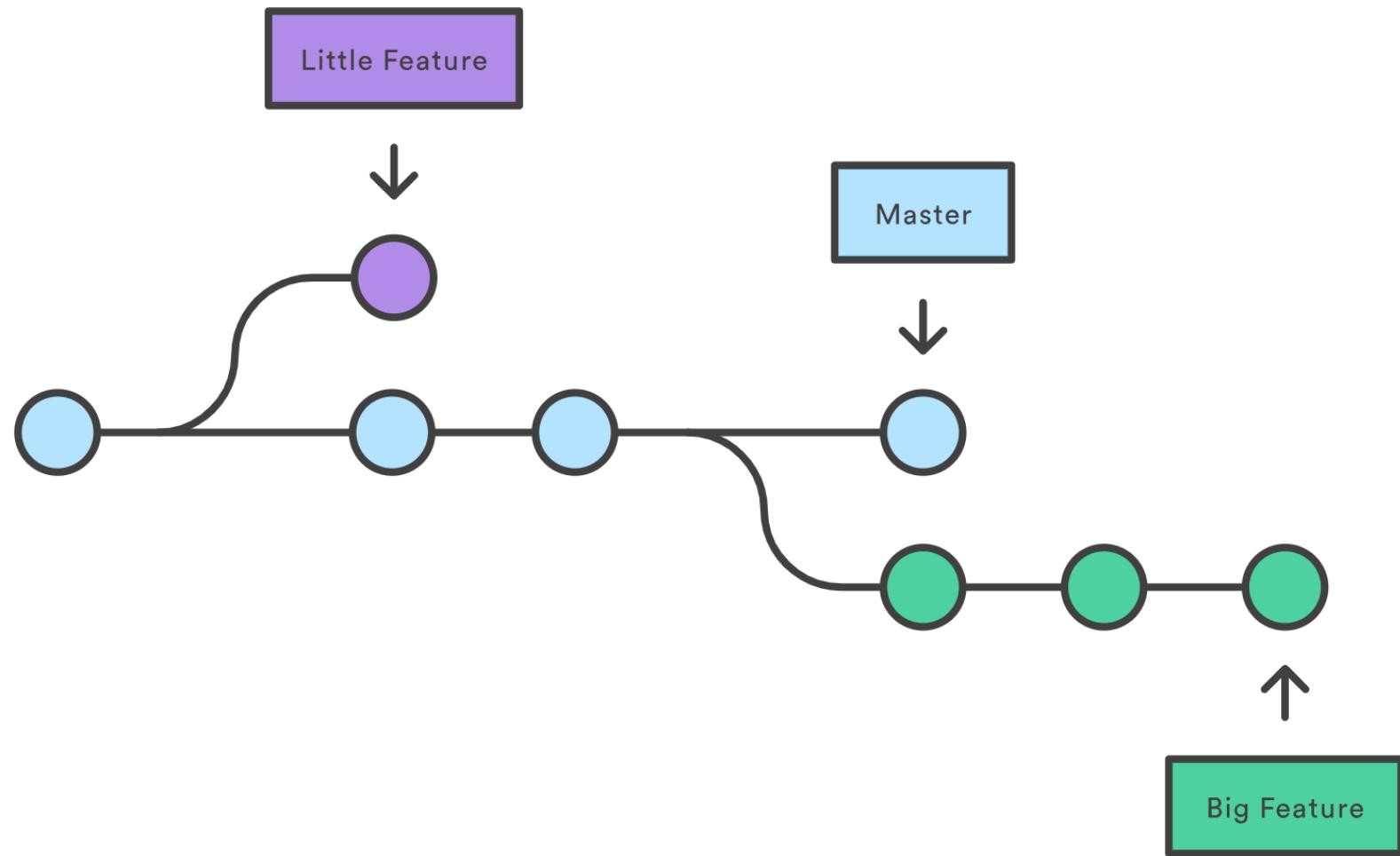


Branches

Git branches are effectively a pointer to a snapshot of your changes.

When you want to add a new feature or fix a bug—no matter how big or how small—you create a new branch to encapsulate your changes.

This makes it harder for unstable code to get merged into the main code base, and it gives you the chance to clean up your future's history before merging it into the main branch.



<https://wac-cdn.atlassian.com/dam/jcr:746be214-eb99-462c-9319-04a4d2eeebfa/01.svg?cdnVersion=kw>

Git - useful links

Official project page:

<https://git-scm.com/>

Download page:

<https://git-scm.com/downloads>

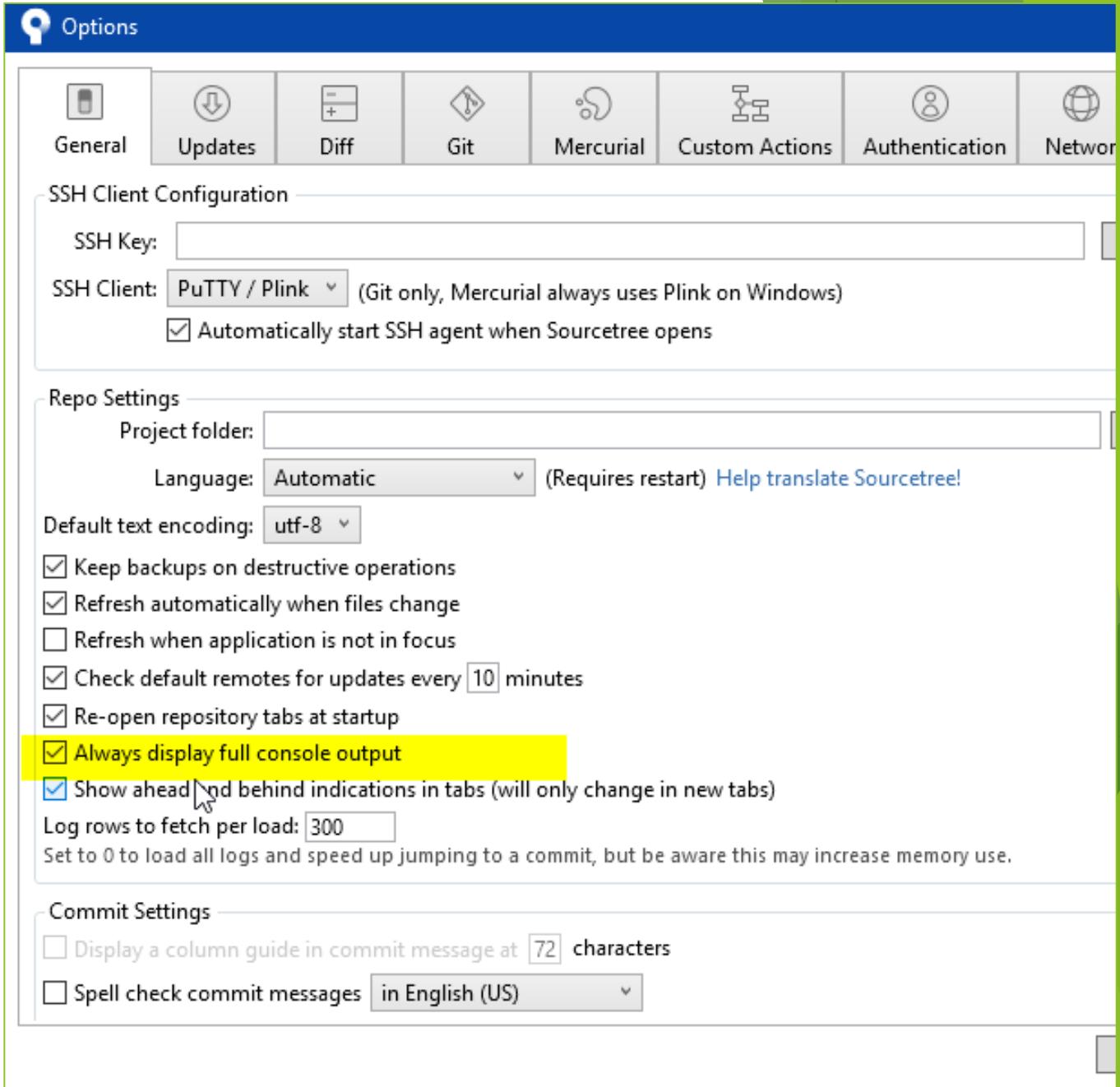
Documentation:

<https://git-scm.com/doc>

Git GUI clients:

<https://git-scm.com/downloads/guis>

<https://www.sourcetreeapp.com/>



Tools setup

Tools →

Options →

Always display full
console output



Working with git locally

Configure git



```
git config --global user.name  
"Your Name"
```



```
git config --global user.email  
your.email@example.com
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 ~
$ git config --global user.name "Adam Zareba"
gracz2@DESKTOP-4KO33F6 MINGW64 ~
$ git config --global user.email adam.d.zareba@gmail.com
```



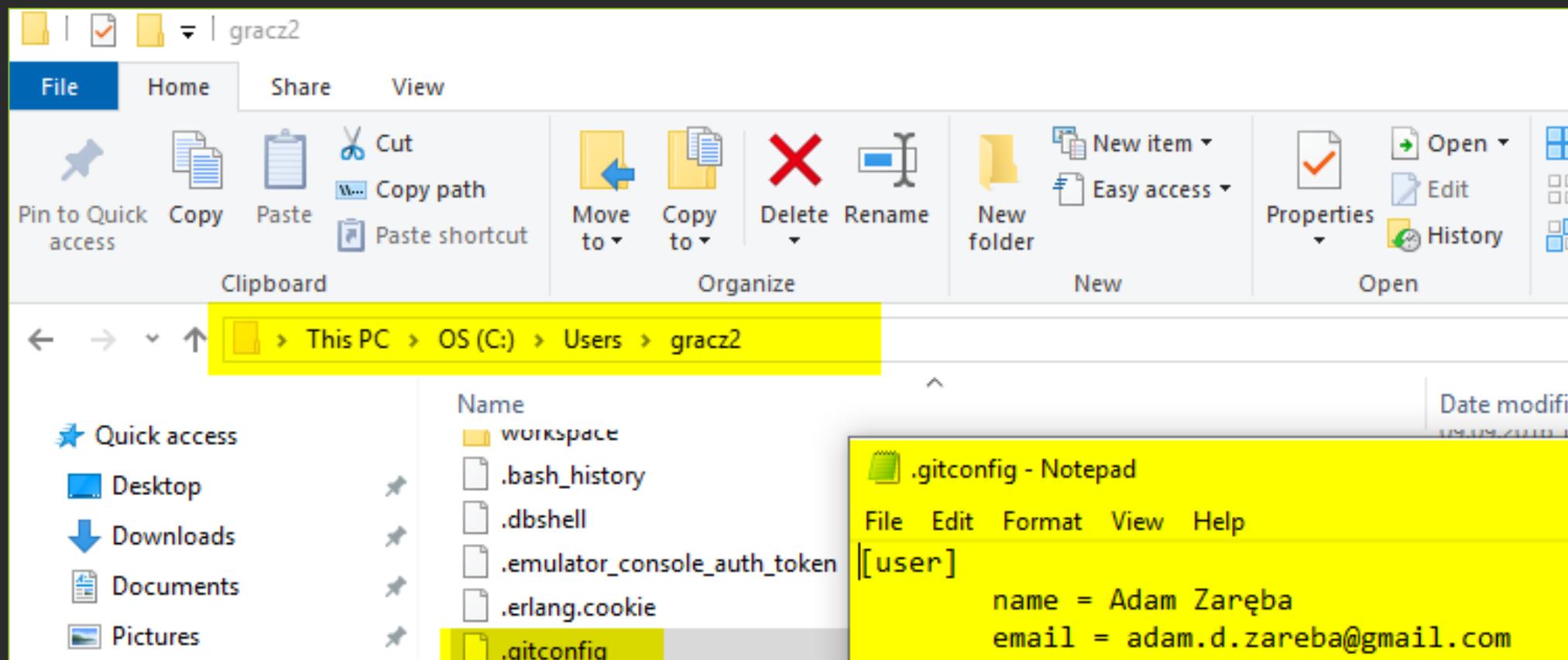
```
gracz2@DESKTOP-4K033F6 MINGW64 ~
```

```
$ cat $USERPROFILE/.gitconfig
```

```
[user]
```

```
    name = Adam Zaręba
```

```
    email = adam.d.zareba@gmail.com
```



Create local
repository

git init


```
gracz2@DESKTOP-4KO33F6 MINGW64 ~
$ cd "C:\work\workspaces\trainings"
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings
$ mkdir GitLesson01
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings
$ cd GitLesson01
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01
$ ls -al
total 4
drwxr-xr-x 1 gracz2 197609 0 Mar  2 15:15 .
drwxr-xr-x 1 gracz2 197609 0 Mar  2 15:15 ../
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01
$ git init
Initialized empty Git repository in C:/work/workspaces/trainings/GitLesson01/.git/
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 ~
$ cd "C:\work\workspaces\trainings"
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings
$ mkdir GitLesson01
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings
$ cd GitLesson01
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01
$ ls -al
total 4
drwxr-xr-x 1 gracz2 197609 0 Mar  2 15:15 ./
drwxr-xr-x 1 gracz2 197609 0 Mar  2 15:15 ../
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01
$ git init
Initialized empty Git repository in C:/work/workspaces/trainings/GitLesson01/.git/
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ ls -al
total 8
drwxr-xr-x 1 gracz2 197609 0 Mar  2 15:15 ./
drwxr-xr-x 1 gracz2 197609 0 Mar  2 15:15 ../
drwxr-xr-x 1 gracz2 197609 0 Mar  2 15:15 .git/
```



S
W

Create a repository

C:\work\workspaces\trainings\GitLesson01

GitLesson01

Git

Create Repository On Account:

Create

GitLesson01

Commit Pull Push Fetch Branch Merge Stash Discard Tag Git-flow Remote Terminal Explorer Setting:

FILE STATUS
Working Copy

BRANCHES

TAGS

REMOTES

STASHES

Pending files, sorted by file status

Search

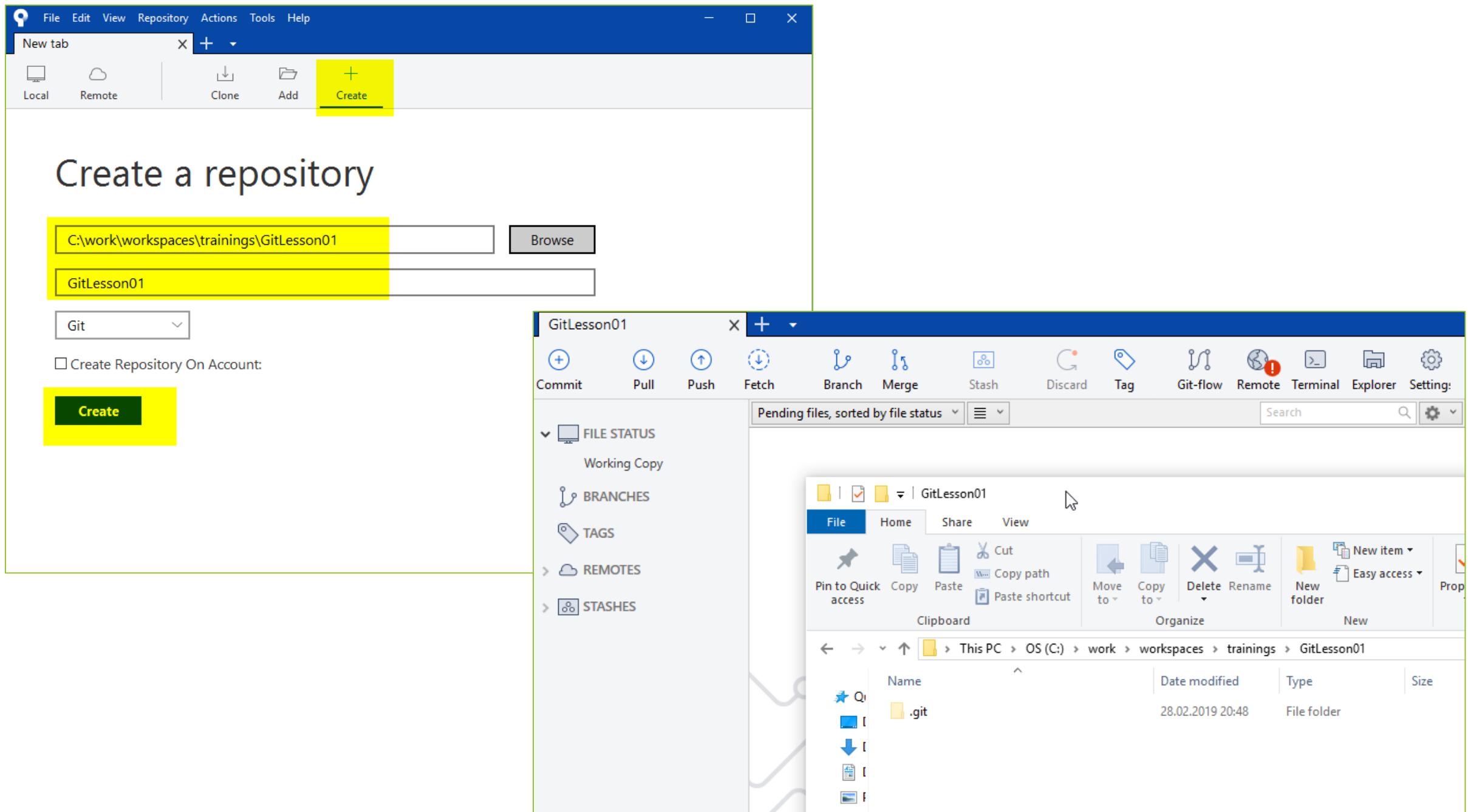
GitLesson01

File Home Share View

Pin to Quick access Copy Paste Copy path Paste shortcut Move to Copy to Delete Rename New folder New item Easy access Prop

This PC > OS (C:) > work > workspaces > trainings > GitLesson01

Name	Date modified	Type	Size
.git	28.02.2019 20:48	File folder	



Check local
repository status

git status

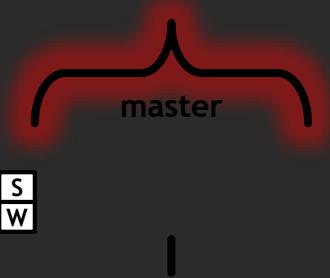
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)

\$ git status

On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)




```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git status
```

On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ echo 'console.log("This button is a really great button")' > button.js
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git status
```

On branch master

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

button.js

nothing added to commit but untracked files present (use "git add" to track)



GitLesson01

X + ▾



FILE STATUS

Working Copy

BRANCHES

TAGS

REMOTES

STASHES

Pending files, sorted by file status ▾ ▾

Unstage All Unstage Selected

button.js

File Contents

1 console.log("This button is a really great button")

Stage hunk

Unstaged files

Stage All Stage Selected

button.js



Adam Zaręba <adam.d.zareba@gmail.com>



Commit options... ▾

Push changes immediately to -

Commit

File Status

Log / History

Search

Stage local
repository change

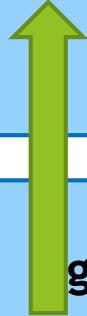
git add

Git tree movements

History

Stage/Index

Working directory



`git add`


```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git add button.js
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git status
```

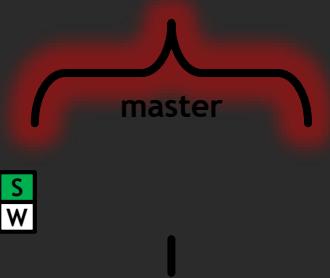
On branch master

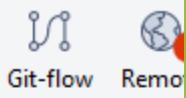
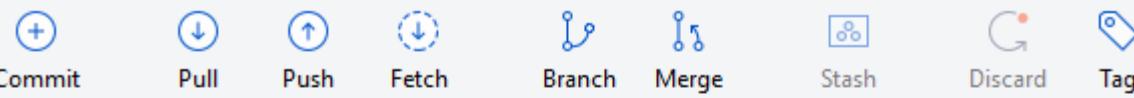
No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: button.js





Pending files, sorted by file status ▾ ▾

FILE STATUS

Working Copy

BRANCHES

TAGS

REMOTES

STASHES

Staged files

Unstage All Unstage Selected

button.js

File Contents

1 console.log("This button is a really great button")

Unstaged files

Stage All Stage Selected

button.js

The screenshot shows a Git commit interface. On the left is a sidebar with icons for Commit, Pull, Push, Fetch, Branch, Merge, Stash, Discard, Tag, FILE STATUS, Working Copy, BRANCHES, TAGS, REMOTES, and STASHES. The main area displays 'Pending files, sorted by file status'. The 'Staged files' section shows no files. The 'Unstaged files' section shows a file named 'button.js' with the content: '1 console.log("This button is a really great button")'. The 'Stage Selected' button for the unstaged files is highlighted with a yellow box.

The screenshot shows a standard Git interface with a toolbar at the top featuring icons for Commit, Pull, Push, Fetch, Branch, Merge, Stash, Discard, and Tag. Below the toolbar is a sidebar with sections for FILE STATUS, BRANCHES, and TAGS. The main area displays a list of 'Pending files, sorted by file status'. Under the 'Staged files' section, there is a single entry for 'button.js'. A preview pane on the right shows the file's content: `1 console.log("This button is a really great button")`. There are buttons for 'Unstage All' and 'Unstage Selected'.

This screenshot shows the same Git interface as above, but with a green overlay highlighting the 'button.js' file in the 'Staged files' list. The file is now marked with a plus sign icon and has a green background. The preview pane on the right shows the file's content: `0 + console.log("This button is a really great button")`. The 'Unstage All' and 'Unstage Selected' buttons are visible below the preview pane.

Commit local
repository change

git commit

Git tree movements

History

Stage/Index

Working directory

`git commit`

`git add`



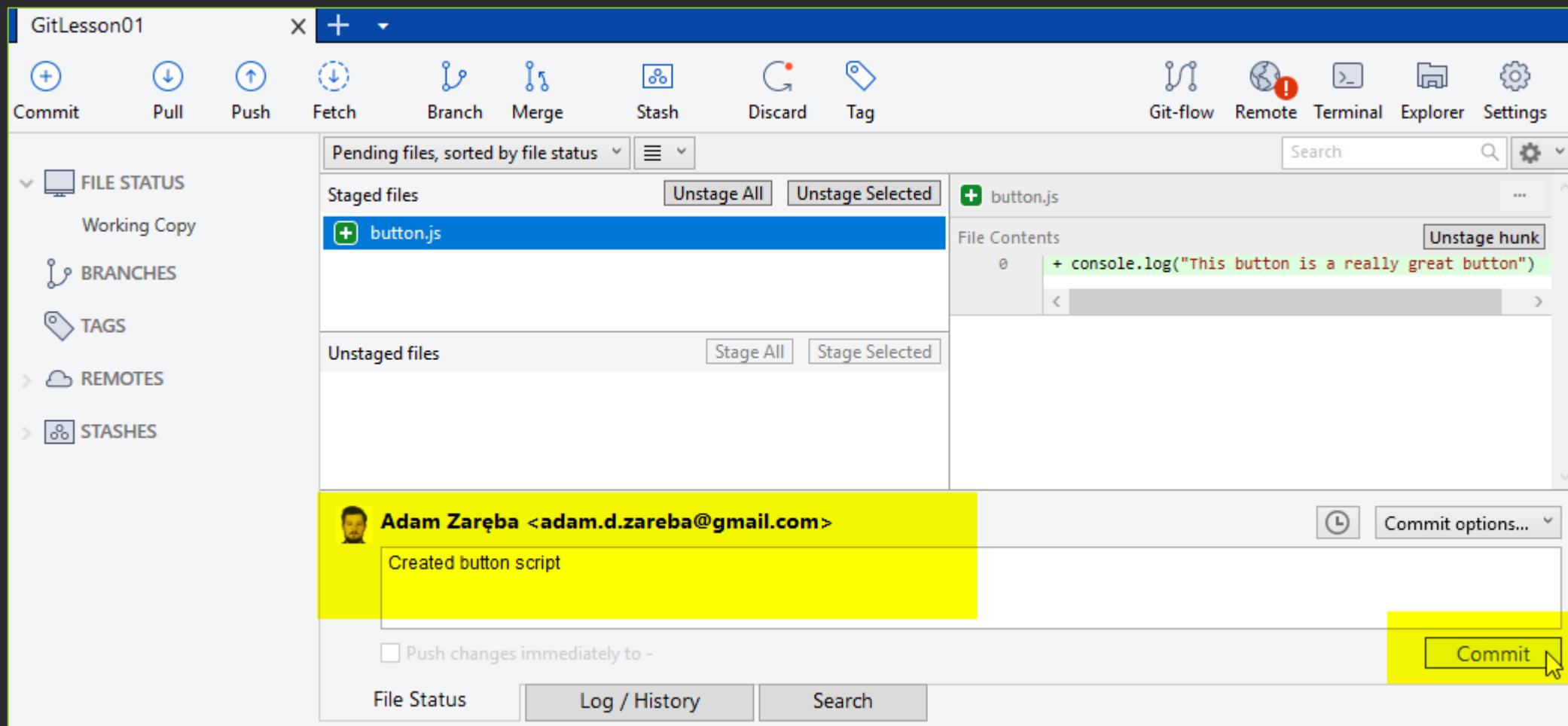
```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git commit -m "Created button script"
```

```
[master (root-commit) e2856de] Created button script
```

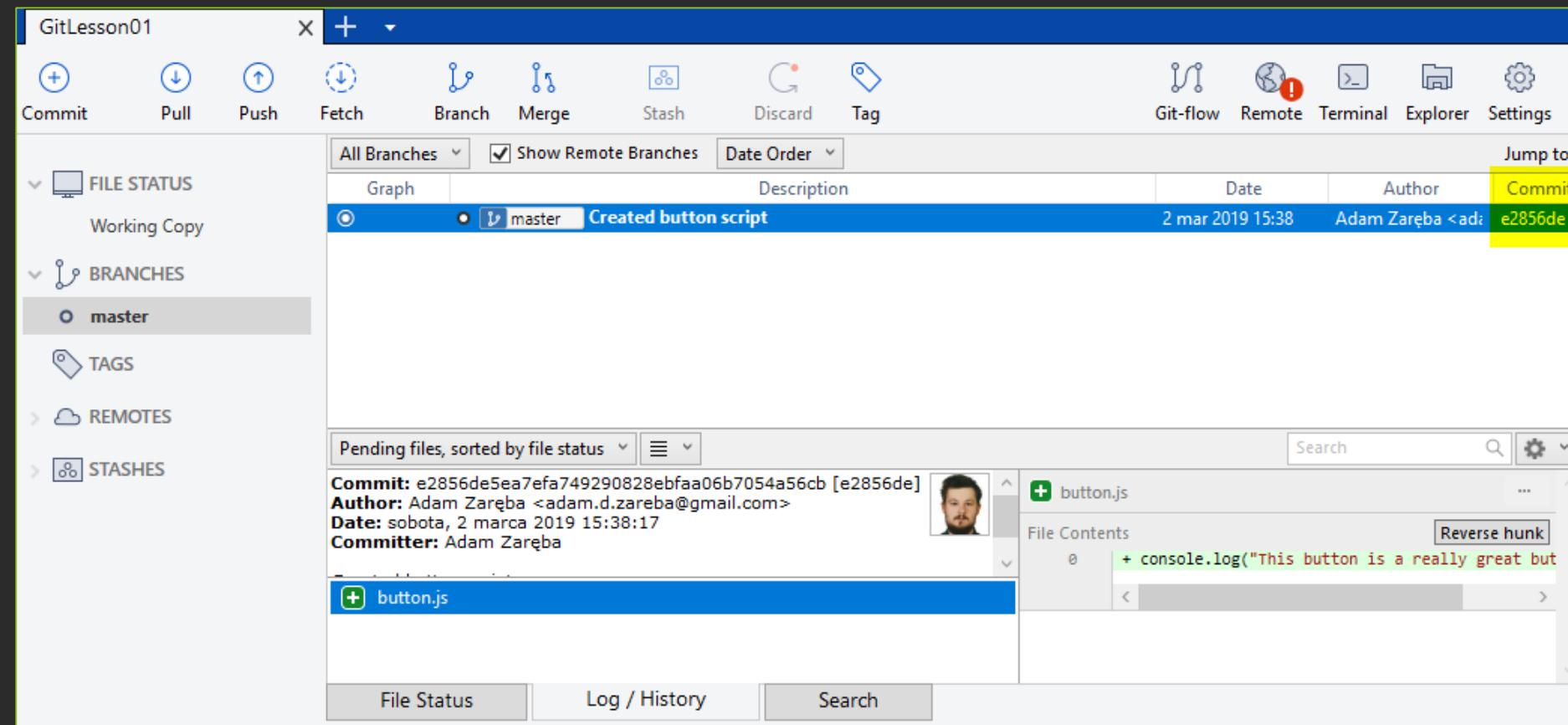
```
1 file changed, 1 insertion (+)
```

```
create mode 100644 button.js
```

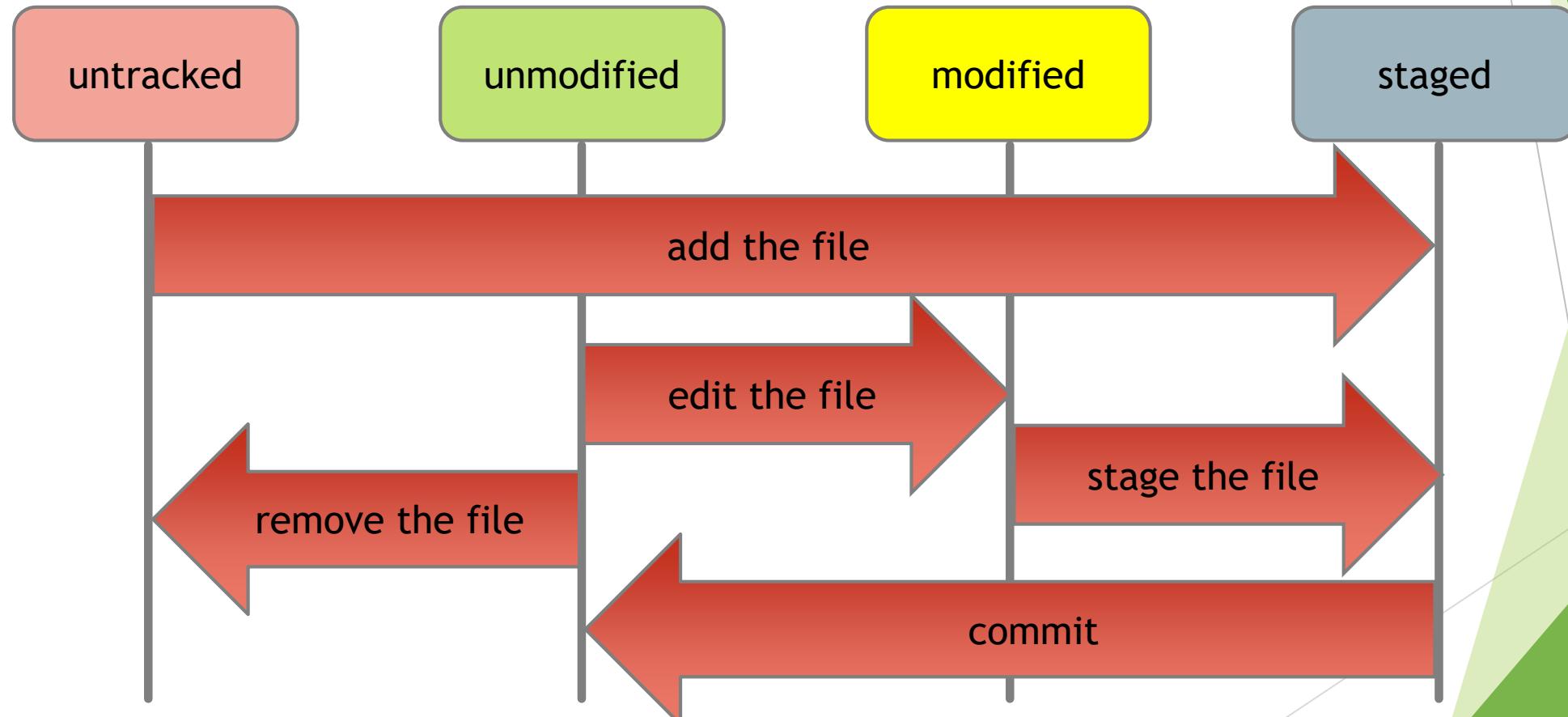


master
e2856de
S W

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git commit -m "Created button script"
[master (root-commit) e2856de] Created button script
 1 file changed, 1 insertion(+)
 create mode 100644 button.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
nothing to commit, working tree clean
```



File status lifecycle



Check local
repository change
history

git log

gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)

\$ git log

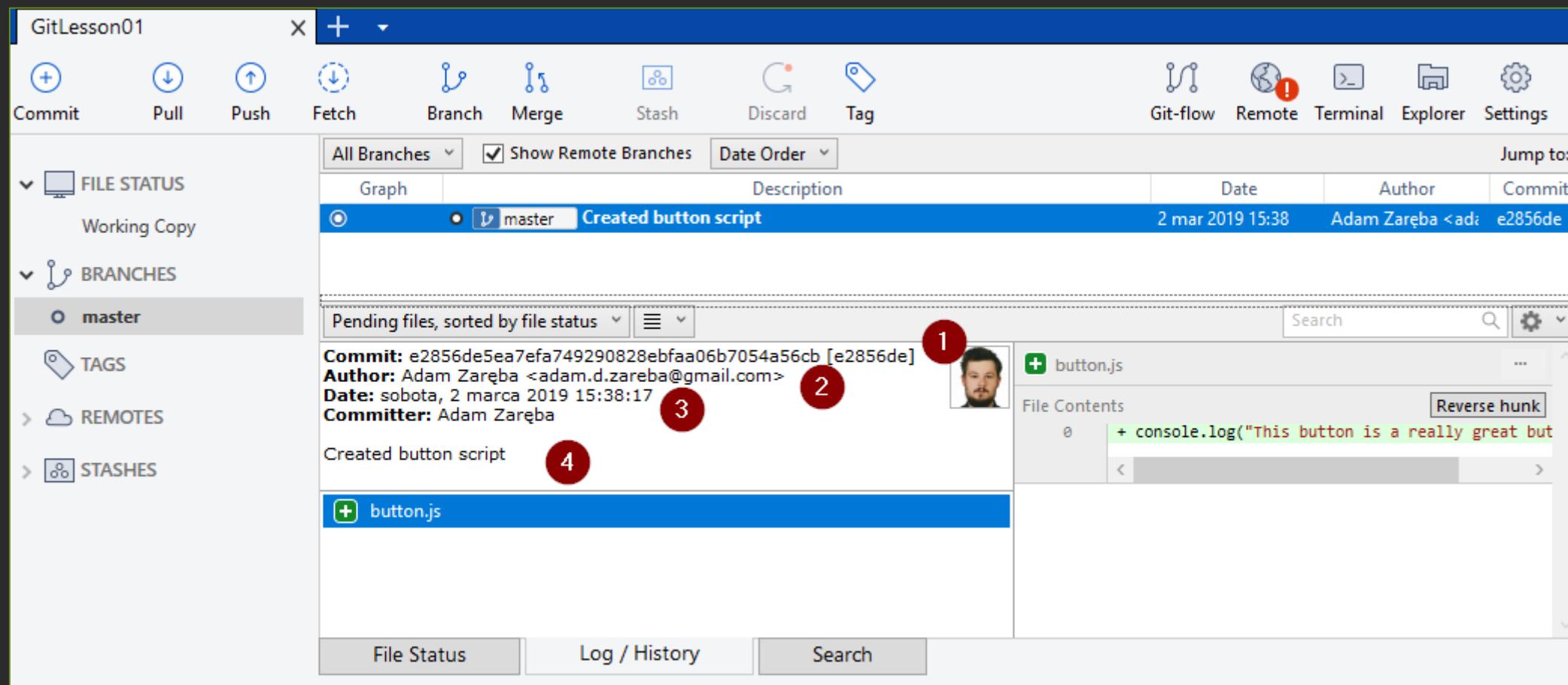
commit e2856de5ea7efa749290828ebfaa06b7054a56cb (HEAD -> master)

Author: Adam Zaręba <adam.d.zareba@gmail.com>

Date: Sat Mar 2 15:38:17 2019 +0100

Created button script

HEAD is a reference to the last commit in the currently checked-out branch.





Exercise: change
file and commit

`git add -u`
`git commit -m`

```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("Everybody loves this button")' >> button.js
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

    modified:   button.js

no changes added to commit (use "git add" and/or "git commit -a")
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("Everybody loves this button")' >> button.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

    modified:   button.js

no changes added to commit (use "git add" and/or "git commit -a")
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git add -u
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ echo 'console.log("Everybody loves this button")' >> button.js
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git status
```

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git checkout -- <file>..." to discard changes in working directory)

modified: button.js

no changes added to commit (use "git add" and/or "git commit -a")

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git add -u
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git commit -m "Updated button script"
```

[master 9d11102] Updated button script

1 file changed, 1 insertion(+)



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("Everybody loves this button")' >> button.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

    modified:   button.js

no changes added to commit (use "git add" and/or "git commit -a")
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git add -u
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git commit -m "Updated button script"
[master 9d11102] Updated button script
 1 file changed, 1 insertion(+)
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git log
commit 9d11102d775a98a7d337ebdbbbb53eff3e5be51a (HEAD -> master)
Author: Adam Zaręba <adam.d.zareba@gmail.com>
Date:   Sat Mar 2 15:56:31 2019 +0100

  Updated button script
```

```
commit e2856de5ea7efa749290828ebfaa06b7054a56cb
Author: Adam Zaręba <adam.d.zareba@gmail.com>
Date:   Sat Mar 2 15:38:17 2019 +0100

  Created button script
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git log
```

```
commit 9d11102d775a98a7d337ebdbbbb53eff3e5be51a (HEAD -> master)
```

```
Author: Adam Zaręba <adam.d.zareba@gmail.com>
```

```
Date: Sat Mar 2 15:56:31 2019 +0100
```

Updated button script

```
commit e2856de5ea7efa749290828ebfaa06b7054a56cb
```

```
Author: Adam Zaręba <adam.d.zareba@gmail.com>
```

```
Date: Sat Mar 2 15:38:17 2019 +0100
```

Created button script

The screenshot shows the GitKraken interface with the repository "GitLesson01" selected. The main window displays a commit history table and a detailed view of a specific commit.

Commit History:

Commit	Description	Date	Author	Commit
9d11102d775a98a7d337ebdbbbb53eff3e5be51a	• [v] master Updated button script Created button script	2 mar 2019 15:56	Adam Zaręba <adam.d.zareba@gmail.com>	9d11102
e2856de5ea7efa749290828ebfaa06b7054a56cb		2 mar 2019 15:38	Adam Zaręba <adam.d.zareba@gmail.com>	e2856de

Pending files: button.js

Commit Details (9d11102):

- Commit: 9d11102d775a98a7d337ebdbbbb53eff3e5be51a [9d11102]
- Parents: e2856de5ea
- Author: Adam Zaręba <adam.d.zareba@gmail.com>
- Date: sobota, 2 marca 2019 15:56:31
- Committer: Adam Zaręba

File View: button.js

Hunk 1 : Lines 1-2:

```
1 1 console.log("This button is a really great button")
2 + console.log("Everybody loves this button")
```

Annotations:

- A red bracket labeled "master" spans the commit row for 9d11102.
- A green box labeled "9d11102" is positioned over the commit row for 9d11102.
- A green box labeled "e2856de" is positioned over the commit row for e2856de.



Exercise: delete
file, add new
one and commit

git add -A

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ rm button.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("This is the best table");' > table.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

    deleted:    button.js

Untracked files:
  (use "git add <file>..." to include in what will be committed)

    table.js

no changes added to commit (use "git add" and/or "git commit -a")
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ rm button.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("This is the best table");' > table.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add/rm <file>..." to stage changes)

    deleted:    button.js

Untracked files:
  (use "git add <file>..." to include in what will be committed)

    table.js

no changes added to commit (use "git add -A" to stage changes)
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git add -A
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

    deleted:    button.js
    new file:   table.js
```

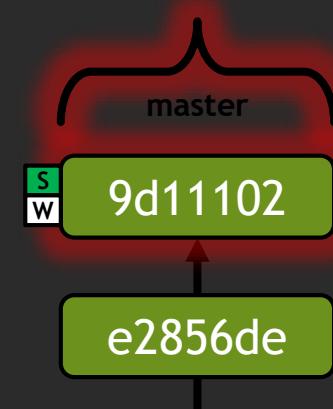
-A

--all

--no-ignore-removal

Update the index not only where the working tree has a file matching <pathspec> but also where the index already has an entry. This adds, modifies, and removes index entries to match the working tree.

If no <pathspec> is given when **-A** option is used, all files in the entire working tree are updated (old versions of Git used to limit the update to the current directory and its subdirectories).



```

gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ rm button.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("This is the best table");' > table.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

    deleted:    button.js

Untracked files:
  (use "git add <file>..." to include in what will be committed)

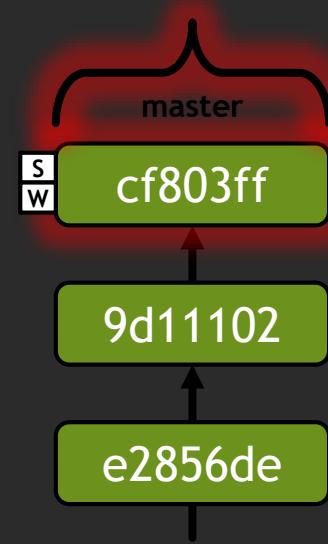
    table.js

no changes added to commit (use "git add" and/or "git commit -a")
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git add -A
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

    deleted:    button.js
    new file:    table.js

gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git commit -m "Added table script, removed button script"
[master cf803ff] Added table script, removed button script
 2 files changed, 1 insertion(+), 2 deletions(-)
 delete mode 100644 button.js
 create mode 100644 table.js

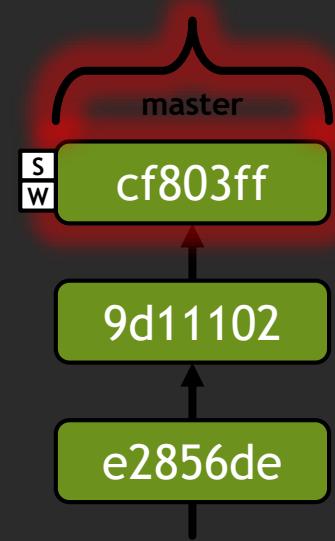
```



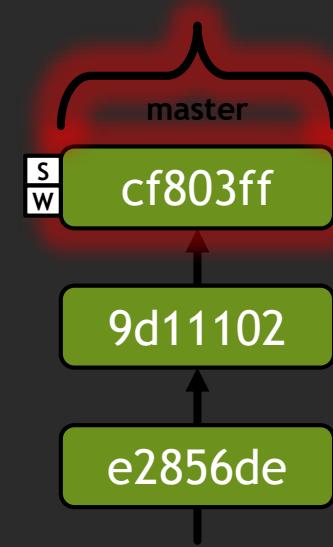
Compare local
repository
changes

git diff

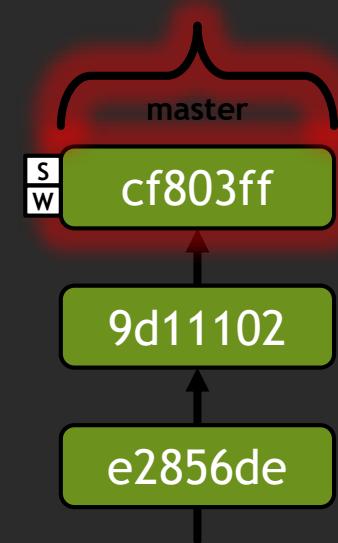
```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/worksheets/trainings/GitLesson01 (master)
$ git log --pretty=oneline
cf803ffbd97614cf557ee4e09c36baf5069c4 (HEAD -> master) Added table script, removed button
script
9d11102d775a98a7d337ebdbbbb53eff3e5be51a Updated button script
e2856de5ea7efa749290828ebfaa06b7054a56cb Created button script
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git log --pretty=oneline
cf803ffbde97614cf557ee4e09c36baf5069c4 (HEAD -> master) Added table script, removed button
script
9d11102d775a98a7d337ebdbbbb53eff3e5be51a Updated button script
e2856de5ea7efa749290828ebfaa06b7054a56cb Created button script
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git diff e2856d..9d1110
diff --git a/button.js b/button.js
index 8ca325d..821b496 100644
--- a/button.js
+++ b/button.js
@@ -1 +1,2 @@
 console.log("This button is a really great button")
+console.log("Everybody loves this button")
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git log --pretty=oneline
cf803ffbde97614cf557ee4e09c36baf5069c4 (HEAD -> master) Added table script, removed button
script
9d11102d775a98a7d337ebdbbbb53eff3e5be51a Updated button script
e2856de5ea7efa749290828ebfaa06b7054a56cb Created button script
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git diff e2856d..9d1110
diff --git a/button.js b/button.js
index 8ca325d..821b496 100644
--- a/button.js
+++ b/button.js
@@ -1 +1,2 @@
    console.log("This button is a really great button")
+console.log("Everybody loves this button")
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git diff HEAD~2..HEAD~1
diff --git a/button.js b/button.js
index 8ca325d..821b496 100644
--- a/button.js
+++ b/button.js
@@ -1 +1,2 @@
    console.log("This button is a really great button")
+console.log("Everybody loves this button")
```



GitLesson01

X +

Commit Pull Push Fetch Branch Merge Stash Discard Tag

Git-flow Remote Terminal Explorer Settings

All Branches Show Remote Branches Date Order Jump to

FILE STATUS

Working Copy

BRANCHES

master

TAGS

REMOTES

STASHES

Graph	Description	Date	Author	Commit
○	master Added table script, removed button script	2 mar 2019 16:09	Adam Zaręba <adam.d.zareba@gm	cf803ff
○	Updated button script	2 mar 2019 15:56	Adam Zaręba <adam.d.zareba@gm	9d11102
○	Created button script	2 mar 2019 15:38	Adam Zaręba <adam.d.zareba@gm	e2856de

Pending files, sorted by file status Search

Displaying all changes between e2856de5ea7efa749290828ebfaa06b7054a56cb and 9d11102d775a98a7d337ebdbbbb53eff3e5be51a

button.js

Hunk 1 : Lines 1-2 Reverse hunk

1 1 console.log("This button is a really great button")
2 + console.log("Everybody loves this button")

button.js

Switch branches
or restore working
tree files

git checkout

Git tree movements

History

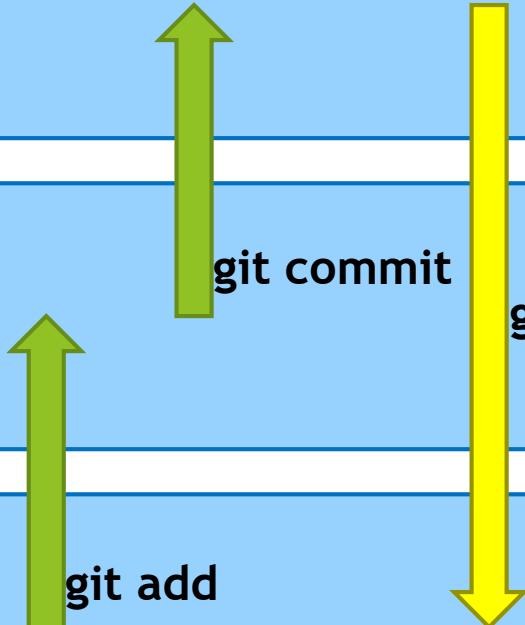
Stage/Index

Working directory

`git commit`

`git checkout`

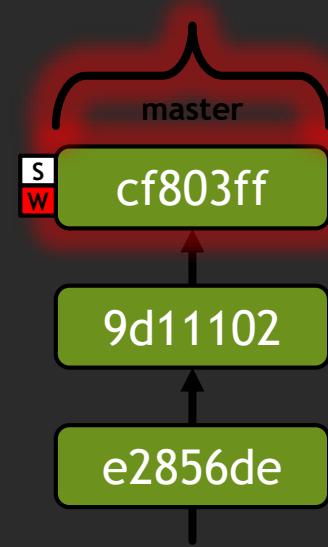
`git add`



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("bla bla bla");' >> table.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

    modified:   table.js

no changes added to commit (use "git add" and/or "git commit -a")
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("bla bla bla");' >> table.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

    modified:   table.js

no changes added to commit (use "git add" and/or "git commit -a")
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git checkout table.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
nothing to commit, working tree clean
```

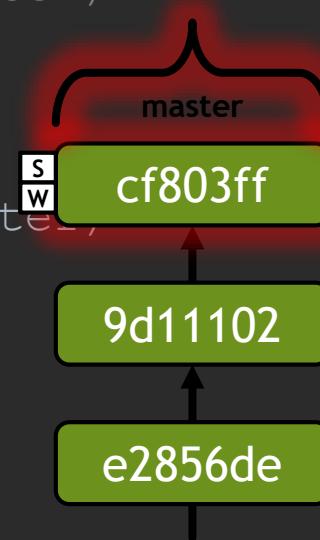


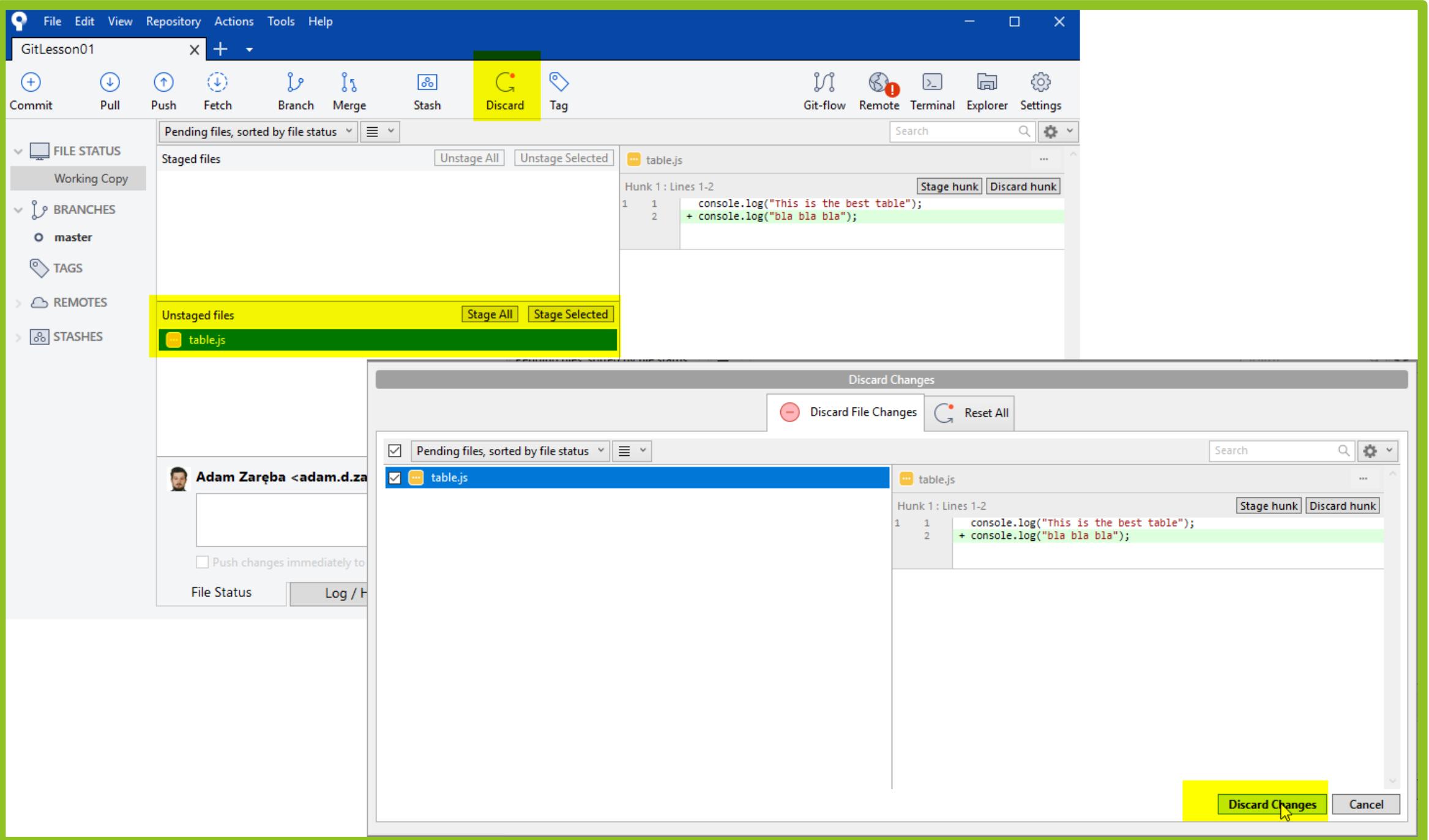
```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("bla bla bla");' >> table.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

    modified:   table.js

no changes added to commit (use "git add" and/or "git commit -a")
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git checkout table.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
nothing to commit, working tree clean
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ cat table.js
console.log("This is the best table");
```





Discard commits

git reset

Git tree movements

History

Stage/Index

Working directory

`git commit`

`git checkout`

`git add`

`git reset --soft`

`git reset --mixed`

`git reset --hard`



Hard

Mixed

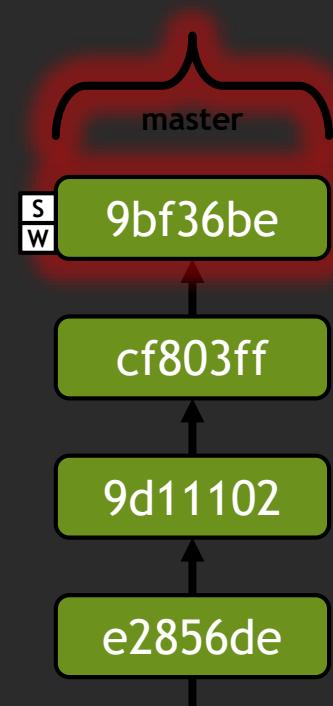
Soft

HEAD

Staging

Working
dir

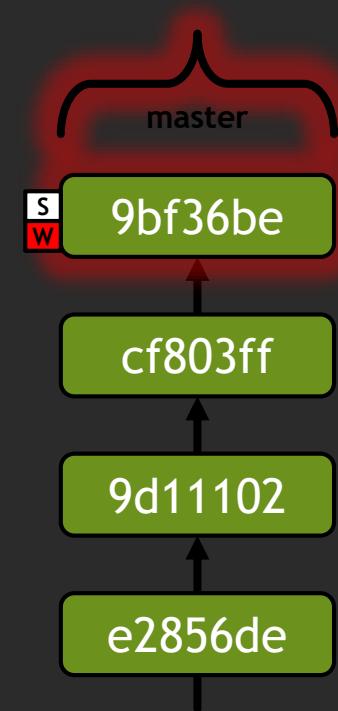
```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/worksaces/trainings/GitLesson01 (master)
$ echo 'console.log("Nice checkbox");' > checkbox.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/worksaces/trainings/GitLesson01 (master)
$ git add -A & git commit -m "Created checkbox script"
[1] 7212
[master 9bf36be] Created checkbox script
 1 file changed, 1 insertion(+)
 create mode 100644 checkbox.js
[1]+ Done                  git add -A
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("bla bla bla");' >> table.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ rm checkbox.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

    deleted:    checkbox.js
    modified:   table.js

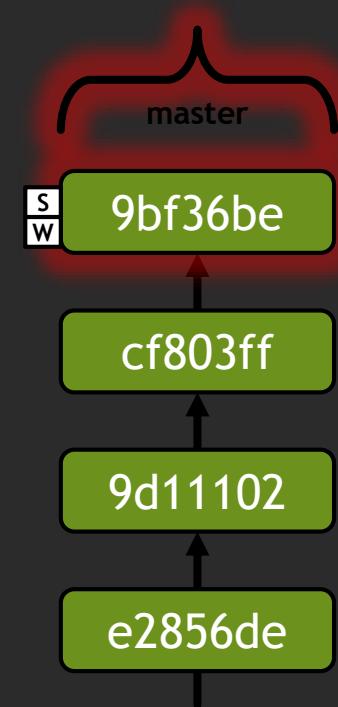
no changes added to commit (use "git add" and/or "git commit -a")
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("bla bla bla");' >> table.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ rm checkbox.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

    deleted:    checkbox.js
    modified:   table.js

no changes added to commit (use "git add" and/or "git commit -a")
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git reset --hard
HEAD is now at 9bf36be Created checkbox script
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
nothing to commit, working tree clean
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ echo 'console.log("bla bla bla");' >> table.js
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ rm checkbox.js
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git status
```

```
On branch master
```

```
Changes not staged for commit:
```

```
  (use "git add/rm <file>..." to update what will be committed)
```

```
  (use "git checkout -- <file>..." to discard changes in working directory)
```

```
    deleted:    checkbox.js
```

```
    modified:   table.js
```

```
no changes added to commit (use "git add" and/or "git commit -a")
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git reset --hard
```

```
HEAD is now at 9bf36be Created checkbox script
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git status
```

```
On branch master
```

```
nothing to commit, working tree clean
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git log
```

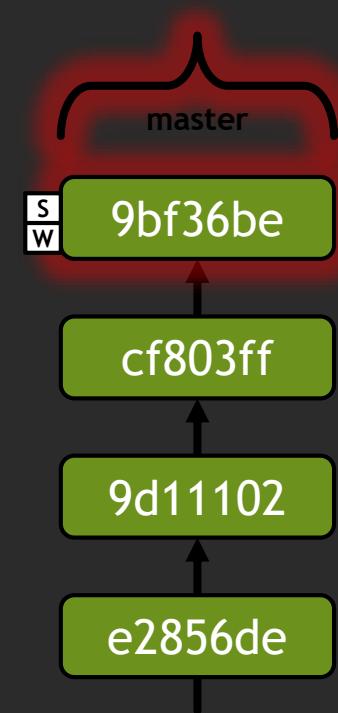
```
commit 9bf36bef16167221ddb22c373ccf2e3fee907ec2 (HEAD -> master)
```

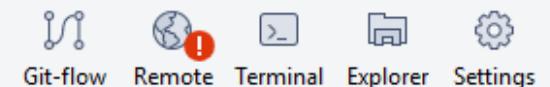
```
Author: Adam Zaręba <adam.d.zareba@gmail.com>
```

```
Date: Sat Mar 2 16:34:26 2019 +0100
```

```
Created checkbox script
```

```
commit cf803ffbde97614cf557ee4e09c36baf5069c4
```





FILE STATUS

Working Copy

BRANCHES

master

TAGS

REMOTES

STASHES

All Branches Show Remote Branches Date Order Jump to:

Graph	Description	Date	Author	Commit
Uncommitted changes		2 mar 2019 16:36	*	*
● master	Created checkbox script	2 mar 2019 16:24	Adam Zaręba <adam.d.zareba@gmail.com>	9bf36be
●	Added table script, removed button s		Adam Zaręba <adam.d.zareba@gmail.com>	cf803ff
●	Updated button script		Adam Zaręba <adam.d.zareba@gmail.com>	9d11102
●	Created button script		Adam Zaręba <adam.d.zareba@gmail.com>	e2856de
Pending files, sorted by file status				
Commit: 9bf36bef16167221ddb22c373ccf2e3fee Parents: cf803ffbde Author: Adam Zaręba <adam.d.zareba@gmail.com> Date: sobota, 2 marca 2019 16:34:26 Committer: Adam Zaręba				
Created checkbox script				
checkbox.js				

Reset current branch to this commit

Reverse commit...

Create Patch...

Cherry Pick

Copy SHA to Clipboard

Custom Actions

Reset to Commit...

Are you sure you want to move the branch pointer?

Reset branch: master

To commit: 9bf36be: Created checkbox script

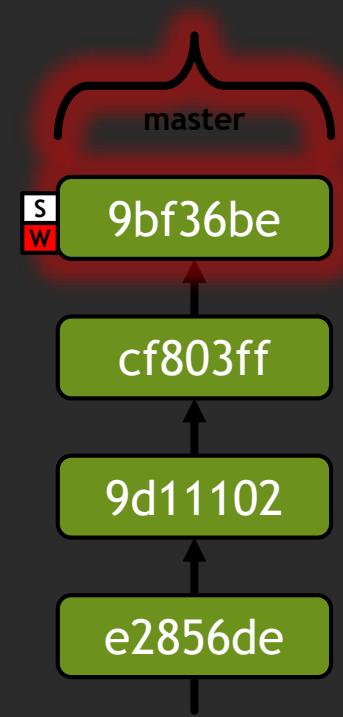
Using mode: Mixed - keep working copy but reset index

Soft - keep all local changes

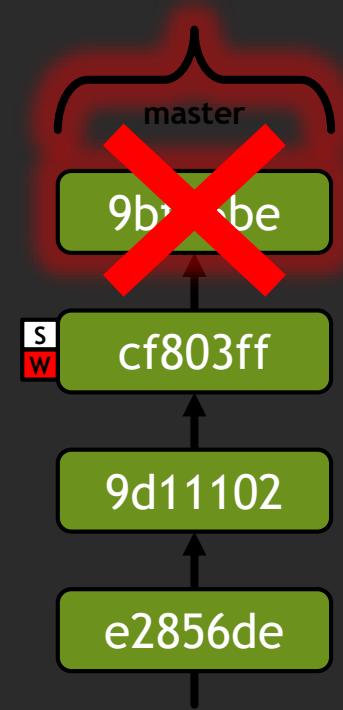
Mixed - keep working copy but reset index

Hard - discard all working copy changes

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("bla bla bla");' >> table.js
```



```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("bla bla bla");' >> table.js
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git reset --soft HEAD~1
```

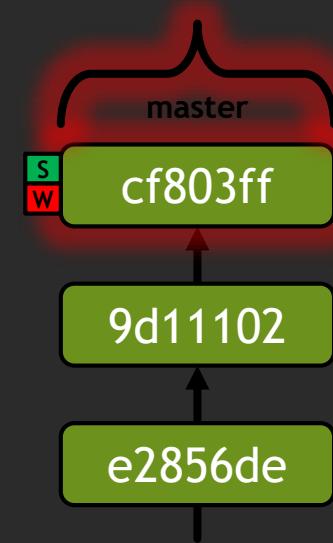


```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("bla bla bla");' >> table.js
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git reset --soft HEAD~1
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

    new file:   checkbox.js
```

```
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

modified:   table.js
```



```

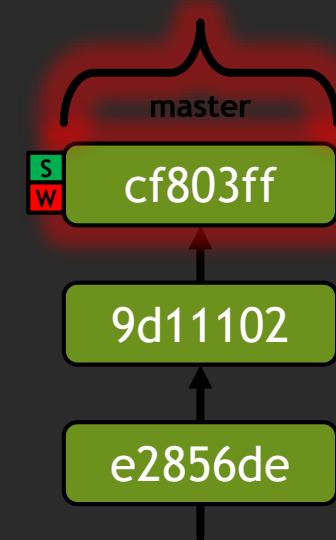
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("bla bla bla");' >> table.js
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git reset --soft HEAD~1
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

    new file:   checkbox.js

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

    modified:   table.js
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git log --pretty=oneline
cf803ffbd97614cf557ee4e09c36bafeb5069c4 (HEAD -> master) Added table script, removed button script
9d11102d775a98a7d337ebdbbbb53eff3e5be51a Updated button script
e2856de5ea7efa749290828ebfaa06b7054a56cb Created button script

```



```

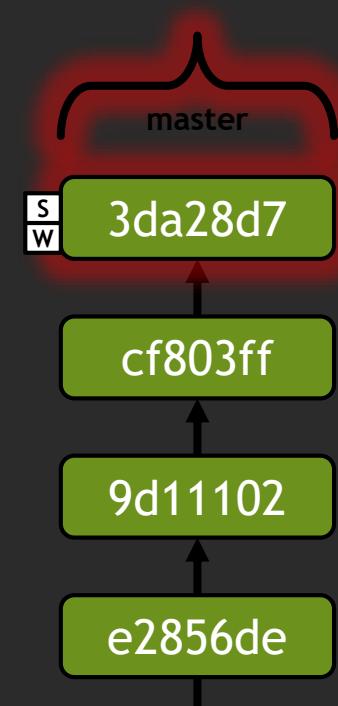
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("bla bla bla");' >> table.js
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git reset --soft HEAD~1
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

    new file:   checkbox.js

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

    modified:   table.js
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git log --pretty=oneline
cf803ffbde97614cf557ee4e09c36bafeb5069c4 (HEAD -> master) Added table script, removed button script
9d11102d775a98a7d337ebdbbbb53eff3e5be51a Updated button script
e2856de5ea7efa749290828ebfaa06b7054a56cb Created button script
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git add -A & git commit -m "Created checkbox script and updated table script"
[1] 12464
[master 3da28d7] Created checkbox script and updated table script
  2 files changed, 2 insertions(+)
  create mode 100644 checkbox.js
[1]+ Done                  git add -A

```



```

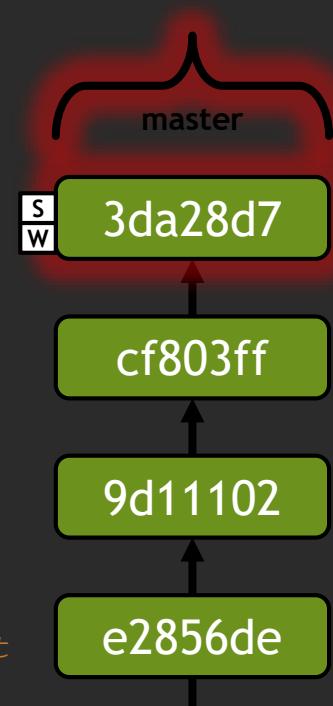
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("bla bla bla");' >> table.js
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git reset --soft HEAD~1
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

    new file:   checkbox.js

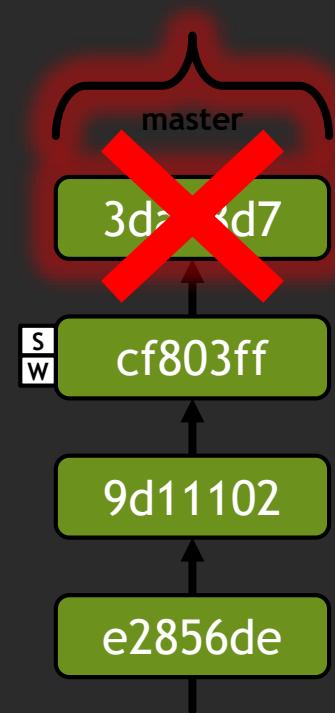
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

    modified:   table.js
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git log --pretty=oneline
cf803ffbde97614cf557ee4e09c36bafeb5069c4 (HEAD -> master) Added table script, removed button script
9d11102d775a98a7d337ebdbbbb53eff3e5be51a Updated button script
e2856de5ea7efa749290828ebfaa06b7054a56cb Created button script
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git add -A & git commit -m "Created checkbox script and updated table script"
[1] 12464
[master 3da28d7] Created checkbox script and updated table script
  2 files changed, 2 insertions(+)
  create mode 100644 checkbox.js
[1]+ Done                  git add -A
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git log --pretty=oneline
3da28d77174c78b7095b83afcdc45027a225a74c (HEAD -> master) Created checkbox script and updated table script
cf803ffbde97614cf557ee4e09c36bafeb5069c4 Added table script, removed button script
9d11102d775a98a7d337ebdbbbb53eff3e5be51a Updated button script

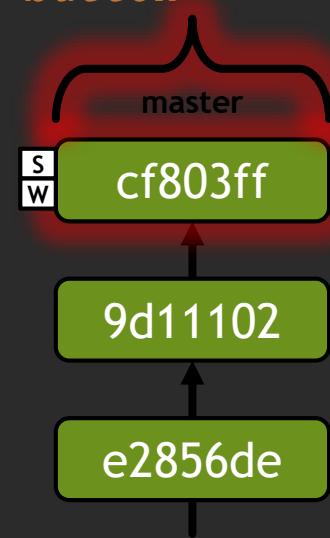
```



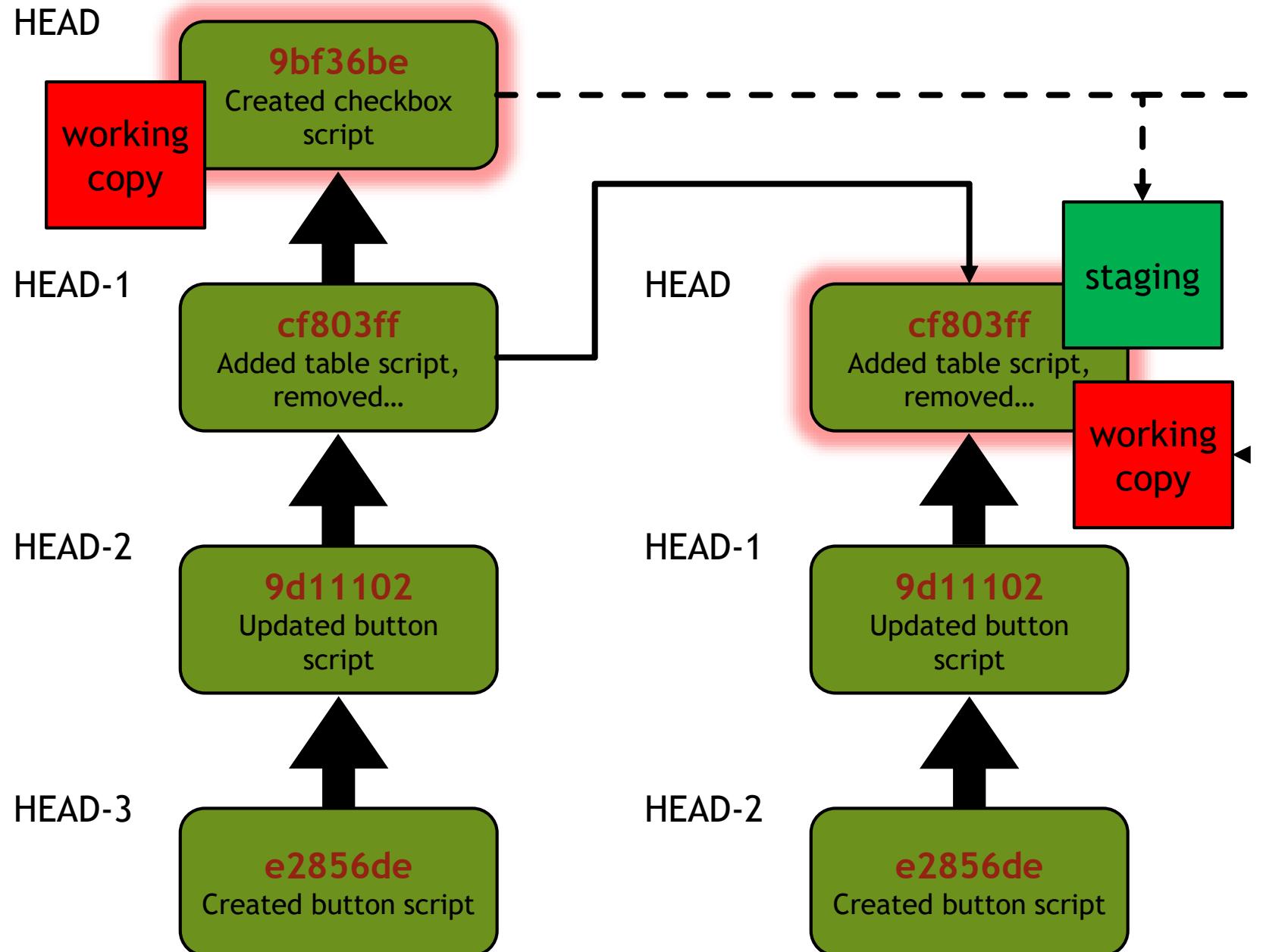
```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("I want to say again: bla bla bla");' >> table.js
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git reset --hard HEAD~1
HEAD is now at cf803ff Added table script, removed button script
```



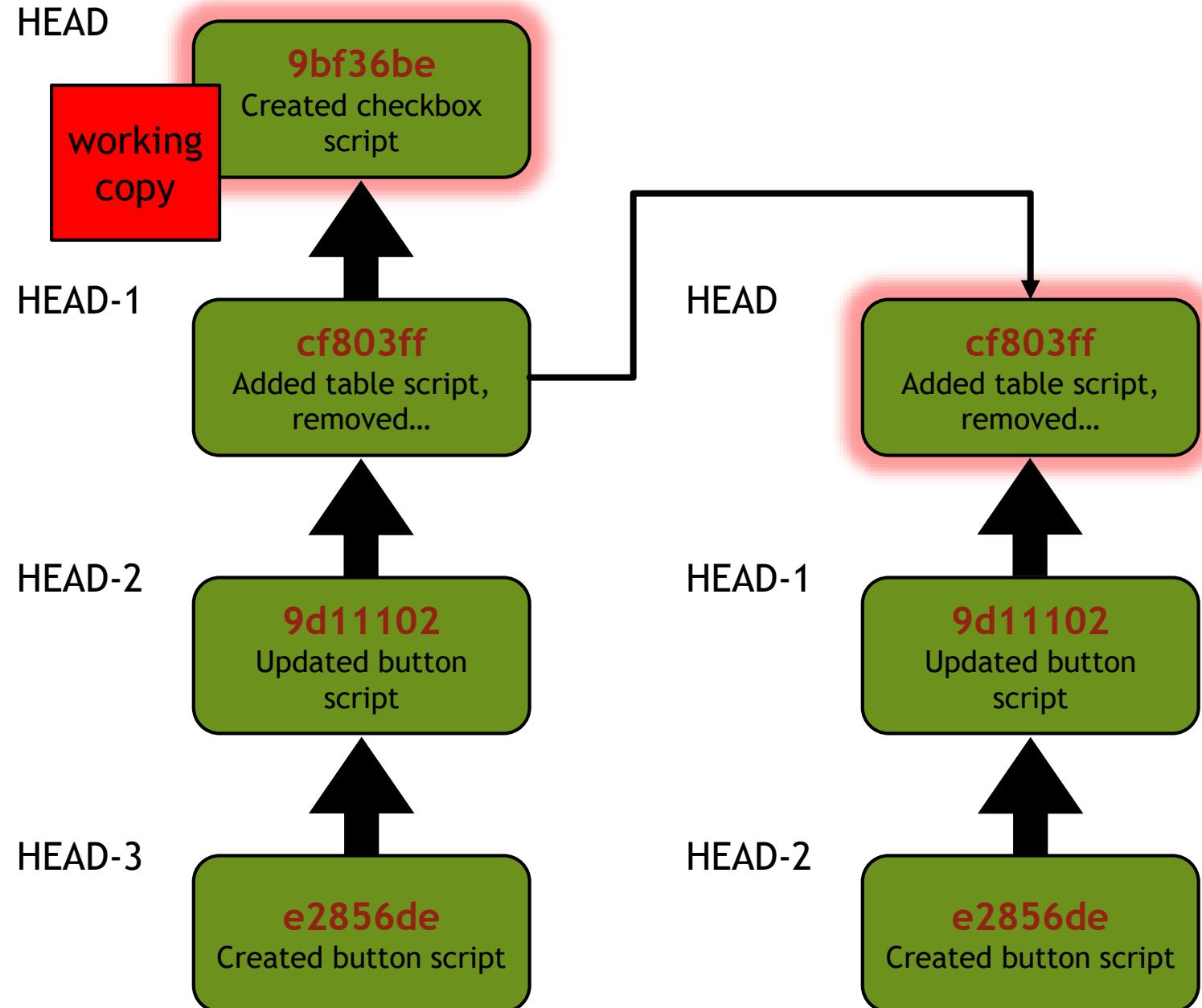
```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("I want to say again: bla bla bla");' >> table.js
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git reset --hard HEAD~1
HEAD is now at cf803ff Added table script, removed button script
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
nothing to commit, working tree clean
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git log --pretty=oneline
cf803ffbde97614cf557ee4e09c36baf eb5069c4 (HEAD -> master) Added table script, removed button
script
9d11102d775a98a7d337ebdbbbb53eff3e5be51a Updated button script
e2856de5ea7efa749290828ebfaa06b7054a56cb Created button script
```



git reset --soft HEAD~1



git reset --hard HEAD~1



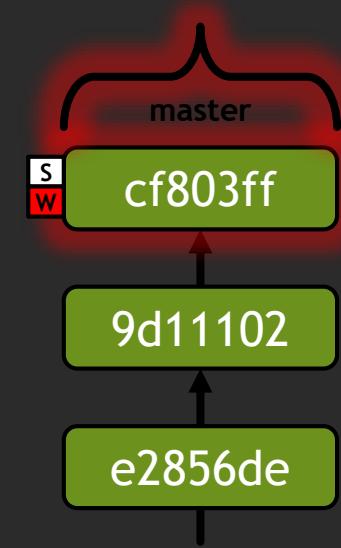
Remove
untracked files

git clean

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ touch temp_dropdown.js dummyHyperlink.js temp.txt
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)

    dummyHyperlink.js
    temp.txt
    temp_dropdown.js
```

nothing added to commit but untracked files present (use "git add" to track)

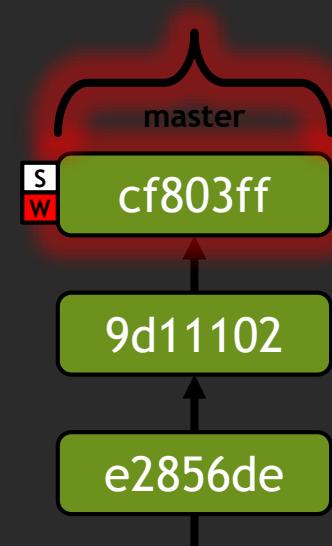


```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ touch temp_dropdown.js dummyHyperlink.js temp.txt
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)

    dummyHyperlink.js
    temp.txt
    temp_dropdown.js
```

nothing added to commit but untracked files present (use "git add" to track)

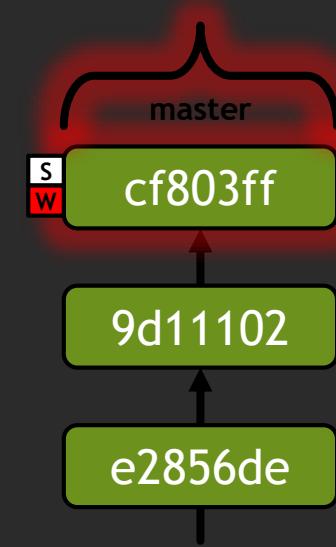
```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git clean
fatal: clean.requireForce defaults to true and neither -i, -n, nor -f given; refusing to clean
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ touch temp_dropdown.js dummyHyperlink.js temp.txt
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)

    dummyHyperlink.js
    temp.txt
    temp_dropdown.js
```

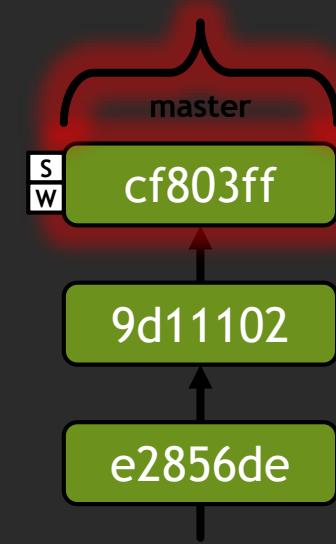
```
nothing added to commit but untracked files present (use "git add" to track)
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git clean
fatal: clean.requireForce defaults to true and neither -i, -n, nor -f given; refusing to clean
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git clean -n
Would remove dummyHyperlink.js
Would remove temp.txt
Would remove temp_dropdown.js
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ touch temp_dropdown.js dummyHyperlink.js temp.txt
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)

    dummyHyperlink.js
    temp.txt
    temp_dropdown.js
```

```
nothing added to commit but untracked files present (use "git add" to track)
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git clean
fatal: clean.requireForce defaults to true and neither -i, -n, nor -f given; refusing to clean
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git clean -n
Would remove dummyHyperlink.js
Would remove temp.txt
Would remove temp_dropdown.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git clean -f
Removing dummyHyperlink.js
Removing temp.txt
Removing temp_dropdown.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
nothing to commit, working tree clean
```



Ignore working
directory files

.gitignore

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ mkdir logs
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ touch logs/log1.log logs/log2.log
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)

    logs/
```

nothing added to commit but untracked files present (use "git add" to track)



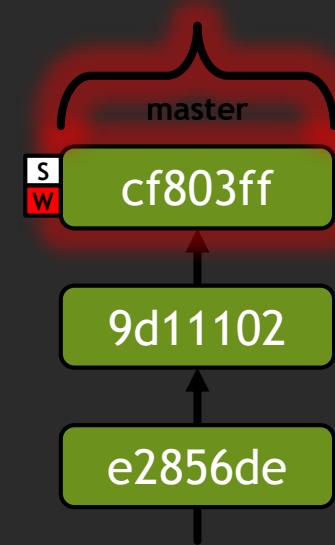
```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ mkdir logs
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ touch logs/log1.log logs/log2.log
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)

    logs/
```

```
nothing added to commit but untracked files present (use "git add" to track)
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'logs/' > .gitignore
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)

    .gitignore
```

```
nothing added to commit but untracked files present (use "git add" to track)
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ mkdir logs
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ touch logs/log1.log logs/log2.log
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)

    logs/
```

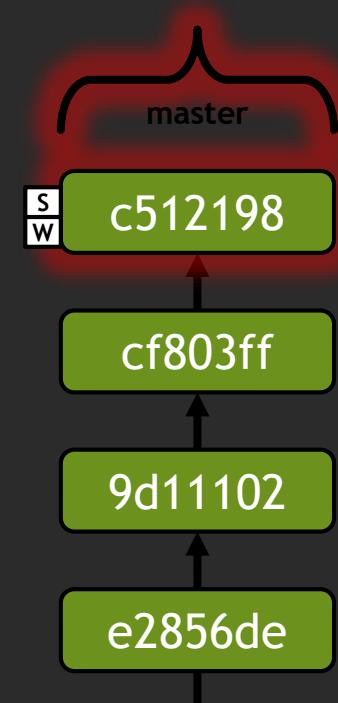
```
nothing added to commit but untracked files present (use "git add" to track)
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ echo 'logs/' > .gitignore
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)

    .gitignore
```

```
nothing added to commit but untracked files present (use "git add" to track)
```

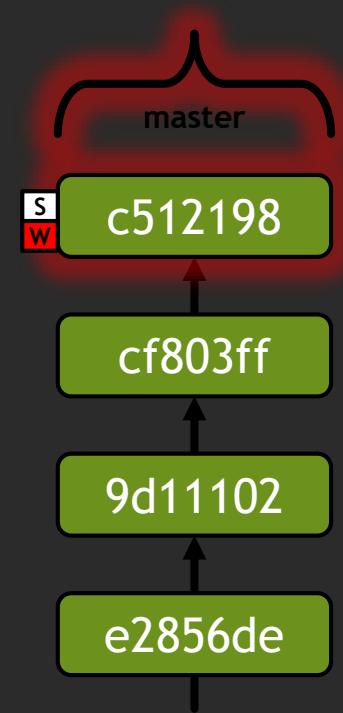
```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git add -A & git commit -m "Added gitignore file"
[1] 5684
[master c512198] Added gitignore file
  1 file changed, 1 insertion(+)
  create mode 100644 .gitignore
[1]+ Done                  git add -A
```



Stash local
changes

git stash

```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("Table contains at least 5 rows");' >> table.js
```



```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("Table contains at least 5 rows");' >> table.js
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ cat table.js
console.log("This is the best table");
console.log("Table contains at least 5 rows");
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.
```

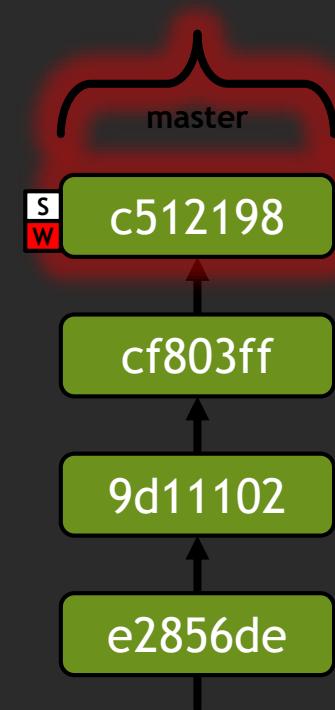
Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git checkout -- <file>..." to discard changes in working directory)

modified: table.js

no changes added to commit (use "git add" and/or "git commit -a")



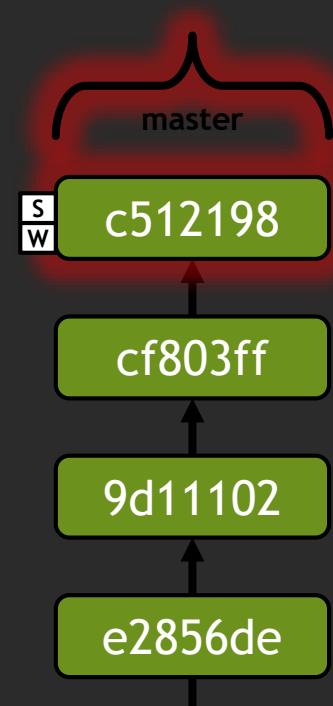
```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("Table contains at least 5 rows");' >> table.js
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ cat table.js
console.log("This is the best table");
console.log("Table contains at least 5 rows");
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.
```

Changes not staged for commit:

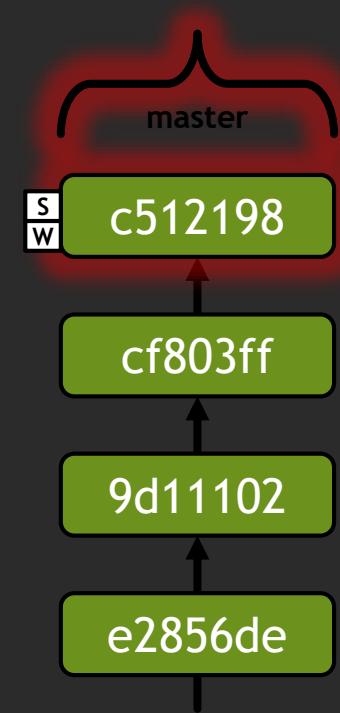
(use "git add <file>..." to update what will be committed)
(use "git checkout -- <file>..." to discard changes in working directory)

modified: table.js

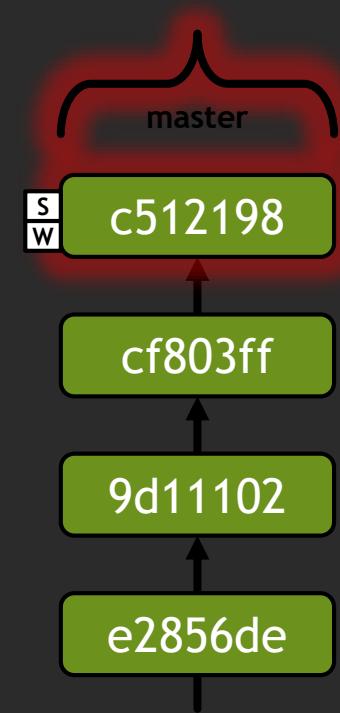
```
no changes added to commit (use "git add" and/or "git commit -a")
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git stash
Saved working directory and index state WIP on master: c512198 Added gitignore file
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ cat table.js
console.log("This is the best table");
```



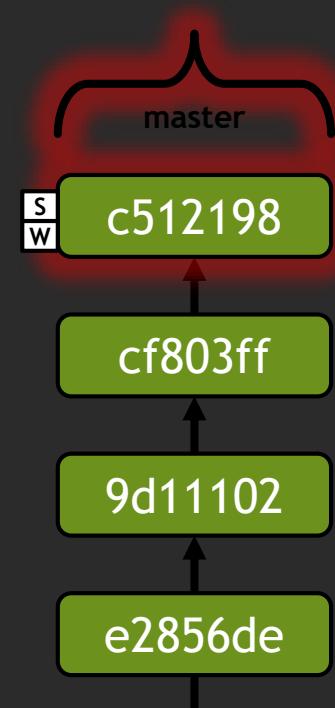
```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("Table contains ID column");' >> table.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git stash
Saved working directory and index state WIP on master: c512198 Added gitignore file
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("Table contains ID column");' >> table.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git stash
Saved working directory and index state WIP on master: c512198 Added gitignore file
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git stash list
stash@{0}: WIP on master: c512198 Added gitignore file
stash@{1}: WIP on master: c512198 Added gitignore file
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ echo 'console.log("Table contains ID column");' >> table.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git stash
Saved working directory and index state WIP on master: c512198 Added gitignore file
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git stash list
stash@{0}: WIP on master: c512198 Added gitignore file
stash@{1}: WIP on master: c512198 Added gitignore file
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git stash show -p stash@{1}
diff --git a/table.js b/table.js
index d6c9fea..e2da149 100644
--- a/table.js
+++ b/table.js
@@ -1 +1,2 @@
  console.log("This is the best table");
+console.log("Table contains at least 5 rows");
```



```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/worksheets/trainings/GitLesson01 (master)
```

```
$ git stash pop
```

```
On branch master
```

```
Your branch is up to date with 'origin/master'.
```

```
Changes not staged for commit:
```

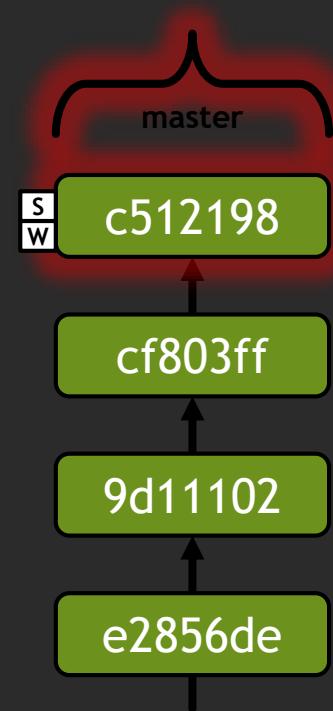
```
(use "git add <file>..." to update what will be committed)
```

```
(use "git checkout -- <file>..." to discard changes in working directory)
```

```
modified:   table.js
```

```
no changes added to commit (use "git add" and/or "git commit -a")
```

```
Dropped refs/stash@{0} (29d0518f0eb4d19a87e4456a212417d233c258c0)
```



```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/worksheets/trainings/GitLesson01 (master)
```

```
$ git stash pop  
On branch master  
Your branch is up to date with 'origin/master'.  
  
Changes not staged for commit:
```

```
(use "git add <file>..." to update what will be committed)  
(use "git checkout -- <file>..." to discard changes in working directory)
```

```
modified:   table.js
```

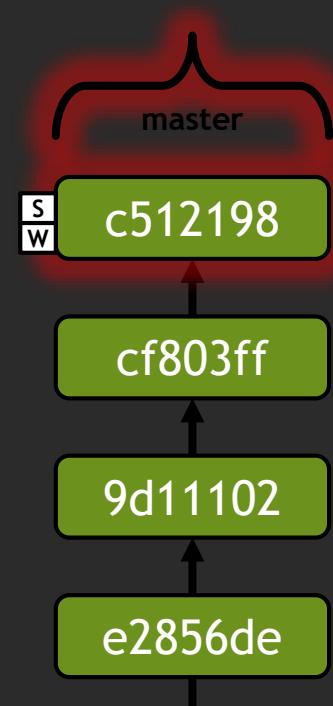
```
no changes added to commit (use "git add" and/or "git commit -a")
```

```
Dropped refs/stash@{0} (29d0518f0eb4d19a87e4456a212417d233c258c0)
```

```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/worksheets/trainings/GitLesson01 (master)
```

```
$ git stash list
```

```
stash@{0}: WIP on master: c512198 Added gitignore file
```



```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/worksheets/trainings/GitLesson01 (master)
```

```
$ git stash pop  
On branch master  
Your branch is up to date with 'origin/master'.  
  
Changes not staged for commit:
```

```
(use "git add <file>..." to update what will be committed)  
(use "git checkout -- <file>..." to discard changes in working directory)
```

```
modified:   table.js
```

```
no changes added to commit (use "git add" and/or "git commit -a")
```

```
Dropped refs/stash@{0} (29d0518f0eb4d19a87e4456a212417d233c258c0)
```

```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/worksheets/trainings/GitLesson01 (master)
```

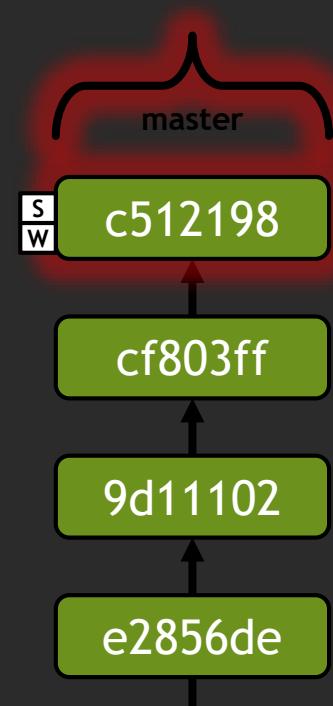
```
$ git stash list
```

```
stash@{0}: WIP on master: c512198 Added gitignore file
```

```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/worksheets/trainings/GitLesson01 (master)
```

```
$ git reset --hard
```

```
HEAD is now at c512198 Added gitignore file
```



```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git stash pop  
On branch master  
Your branch is up to date with 'origin/master'.  
  
Changes not staged for commit:
```

```
(use "git add <file>..." to update what will be committed)  
(use "git checkout -- <file>..." to discard changes in working directory)
```

```
modified:   table.js
```

```
no changes added to commit (use "git add" and/or "git commit -a")
```

```
Dropped refs/stash@{0} (29d0518f0eb4d19a87e4456a212417d233c258c0)
```

```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git stash list
```

```
stash@{0}: WIP on master: c512198 Added gitignore file
```

```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

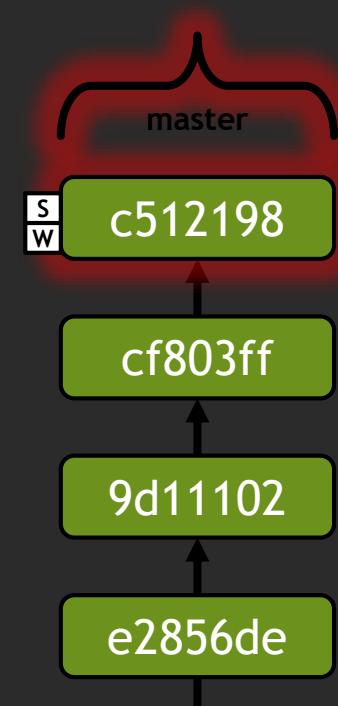
```
$ git reset --hard
```

```
HEAD is now at c512198 Added gitignore file
```

```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git stash list
```

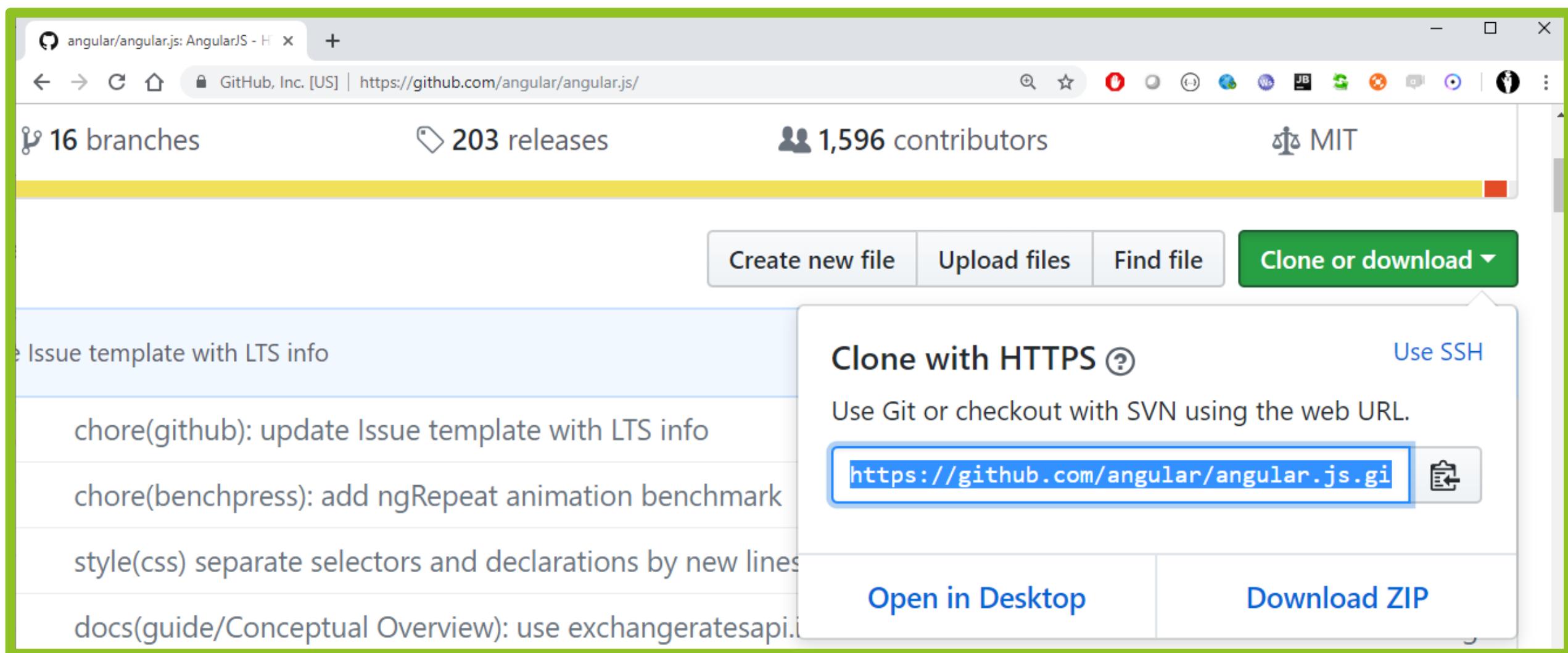
```
stash@{0}: WIP on master: c512198 Added gitignore file
```

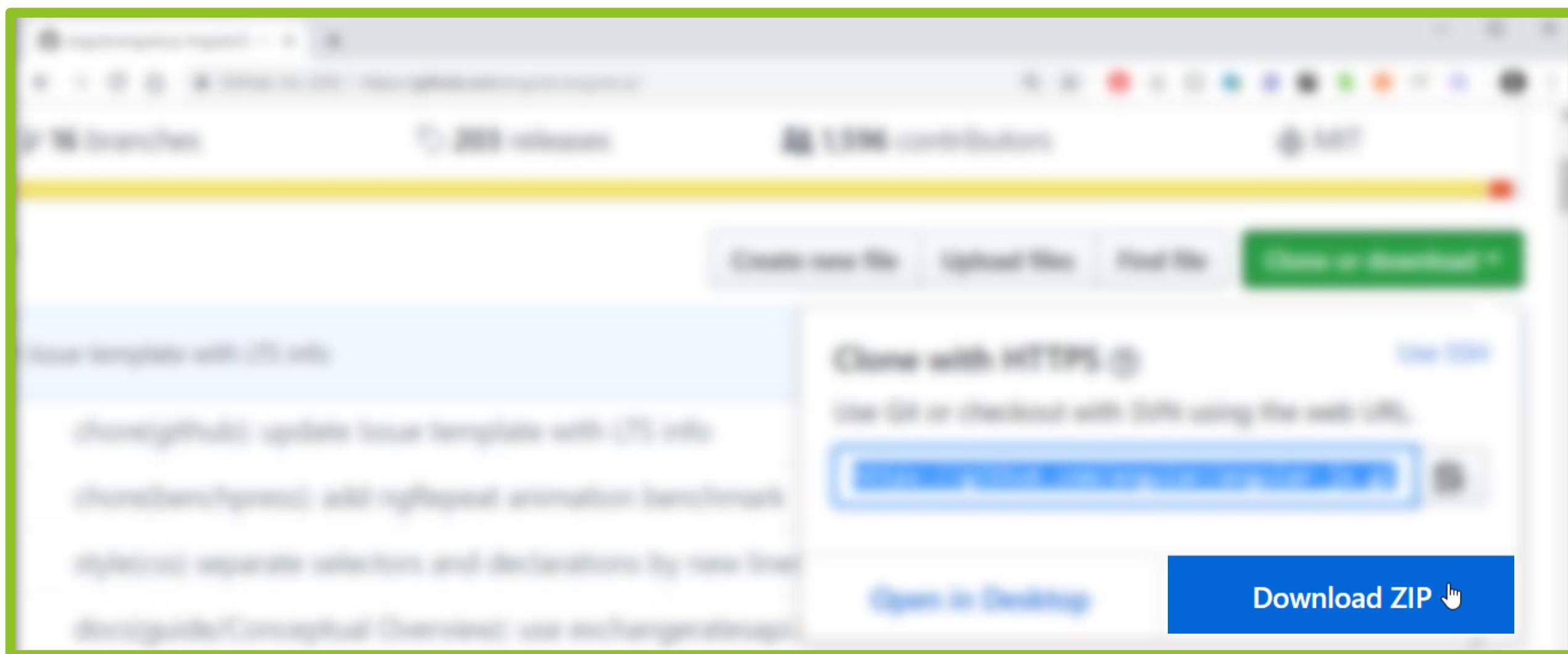


Working with git remotely

Clone remote
repository

git
clone





7z C:\Users\gracz2\Downloads\angular.js-master.zip\angular.js-master\

Plik Edycja Widok Ulubione Narzędzia Pomoc

Dodaj Wypakuj Testuj Kopiuj Przeniesień Usuń Informacje

C:\Users\gracz2\Downloads\angular.js-master.zip\angular.js-master\

Nazwa	Rozmiar	Rozmiar po sp...	Zmodyfikowany	U
vendor	6 042 922	5 484 020	2019-02-27 10:30	
test	3 437 060	504 442	2019-02-27 10:30	
src	4 258 466	1 211 972	2019-02-27 10:30	
scripts	325 688	84 718	2019-02-27 10:30	
logs	14	14	2019-02-27 10:30	
lib	28 093	10 227	2019-02-27 10:30	
images	14 986 373	4 671 161	2019-02-27 10:30	
i18n	8 995 102	7 306 968	2019-02-27 10:30	
docs	3 301 796	2 372 163	2019-02-27 10:30	
css	3 638	1 194	2019-02-27 10:30	
benchmarks	94 989	22 273	2019-02-27 10:30	
.github	3 000	1 637	2019-02-27 10:30	
yarn.lock	305 245	108 138	2019-02-27 10:30	
TRIAGING.md	6 108	2 781	2019-02-27 10:30	

Missing .git folder

Download ZIP 

Clone with HTTPS ⓘ

Use SSH

Use Git or checkout with SVN using the web URL.

<https://github.com/angular/angular.js.git>



[Open in Desktop](#)

[Download ZIP](#)



File Edit View Repository Actions Tools Help

New tab

X + ▾



Local



Remote



Clone



Add



Create

Clone

Cloning is even easier if you set up a [remote account](#)

Browse

Repository Type: This is a Git repository

Browse

Local Folder:



Advanced Options

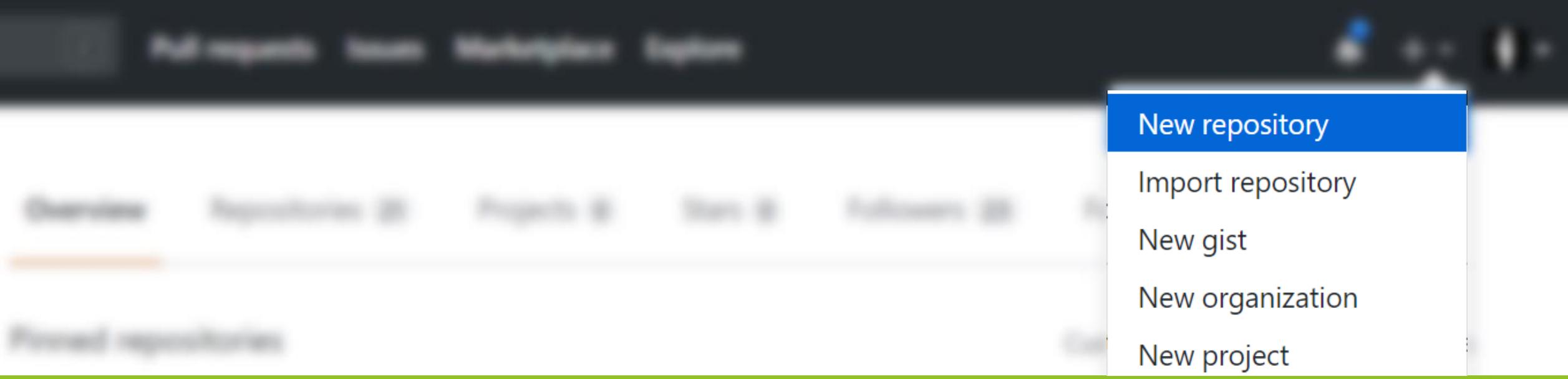
Clone

Set up local repository to remote repository

A screenshot of a GitHub profile page. At the top, there is a navigation bar with links for Pull requests, Issues, Marketplace, and Explore. Below the navigation bar, there are summary statistics: Overview, Repositories (21), Projects (0), Stars (0), Followers (23), and Follower count (5). A 'Pinned repositories' section is also visible. In the top right corner, there is a user icon and a dropdown menu. The dropdown menu is open, showing options: New repository (which is highlighted in blue), Import repository, New gist, New organization, and New project.

- New repository
- Import repository
- New gist
- New organization
- New project

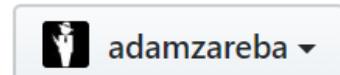
Set up local repository to remote repository



Create a new repository

A repository contains all project files, including the revision history.

Owner



Repository name *

GitLesson01



Great repository names are short and memorable. Need inspiration? How about [silver-octo-dollop](#)?

Description (optional)



Public

Anyone can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Initialize this repository with a README

This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: None ▾

Add a license: None ▾



Create repository

GitHub, Inc. [US] | https://github.com/adamzareba/GitLesson01

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

Quick setup — if you've done this kind of thing before

 Set up in Desktop

or

HTTPS

SSH

<https://github.com/adamzareba/GitLesson01.git>



Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

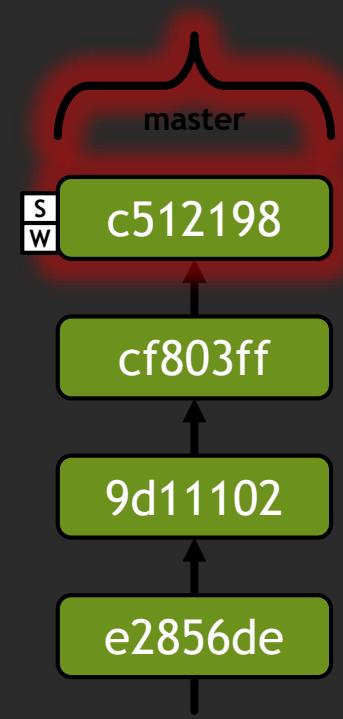
...or create a new repository on the command line

```
echo "# GitLesson01" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/adamzareba/GitLesson01.git
git push -u origin master
```

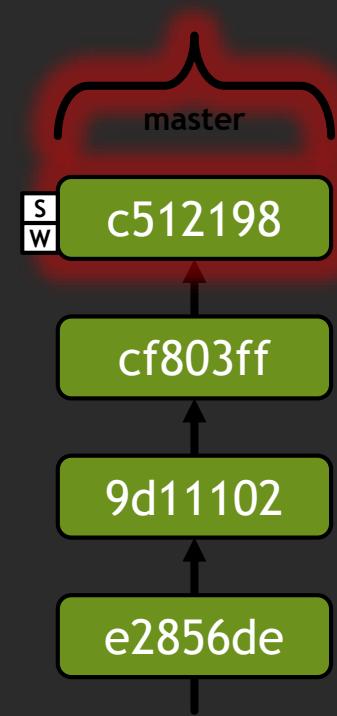


...or push an existing repository from the command line

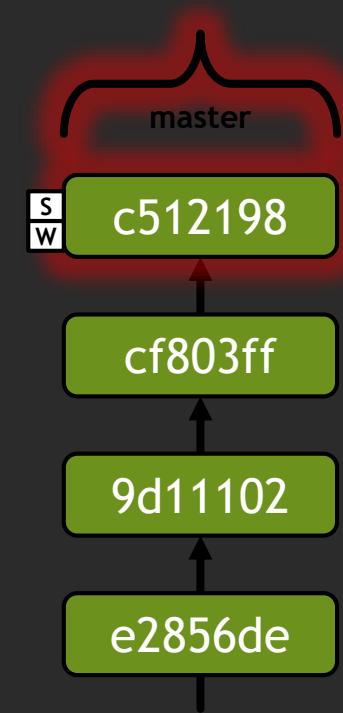
```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git remote -v
```



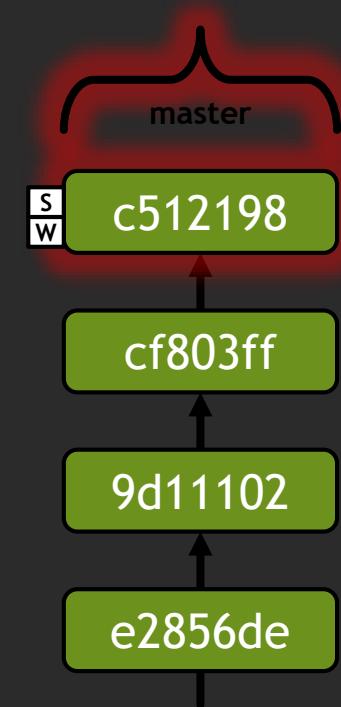
```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git remote -v
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git remote add origin https://github.com/adamzareba/GitLesson01.git
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git remote -v
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git remote add origin https://github.com/adamzareba/GitLesson01.git
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git remote -v
origin  https://github.com/adamzareba/GitLesson01.git (fetch)
origin  https://github.com/adamzareba/GitLesson01.git (push)
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git remote -v
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git remote add origin https://github.com/adamzareba/GitLesson01.git
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git remote -v
origin  https://github.com/adamzareba/GitLesson01.git (fetch)
origin  https://github.com/adamzareba/GitLesson01.git (push)
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ cat .git/config
[core]
    repositoryformatversion = 0
    filemode = false
    bare = false
    logallrefupdates = true
    symlinks = false
    ignorecase = true
[remote "origin"]
    url = https://github.com/adamzareba/GitLesson01.git
    fetch = +refs/heads/*:refs/remotes/origin/*
```





File Edit View

Repository Actions Tools Help

- □ ×

GitLesson01

Commit Pull

FILE STATUS

Working Copy

BRANCHES

master

TAGS

REMOTES

STASHES

Repository Settings...

Shift+Ctrl+,

Refresh Remote Status Shift+Alt+R

View repository online

Commit All... Shift+Ctrl+C

Commit Staged Changes... Shift+Alt+C

Discard... Shift+Ctrl+R

Stash Changes... Shift+Ctrl+S

Push... Shift+Ctrl+P

Pull... Shift+Ctrl+L

Fetch... Shift+Ctrl+F

Checkout... Shift+Ctrl+U

Branch... Shift+Ctrl+B

Merge... Shift+Ctrl+M

Tag... Shift+Ctrl+T

Archive...

Interactive Rebase...

Add Remote...

Add Submodule...

Add/Link Subtree...

Git LFS

Git-flow

Create pull request... Shift+Alt+P

Benchmark Repo Performance

Discard Tag

Git-flow Remote Terminal Explorer Settings

Date Order

Jump to:

Description Date Author Commit

Create file 2 mar 2019 17:14 Adam Zaręba <ad... c512198

Button script 2 mar 2019 16:09 Adam Zaręba <ad... cf803ff

2 mar 2019 15:56 Adam Zaręba <ad... 9d11102

2 mar 2019 15:38 Adam Zaręba <ad... e2856de

62bd9ca12df5 [c512198] Search ...mail.com> .gitignore ...

File Contents Reverse hunk

0 + logs/

File Status

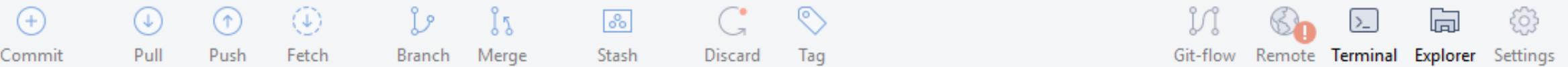
Log / History

Search



GitLesson01

x + ▾



All Branches Show Remote Branches Date Order

Jump to:

Date	Author	Commit
r 2019 17:14	Adam Zaręba <adama@...>	c512198
r 2019 16:09	Adam Zaręba <adama@...>	cf803ff
r 2019 15:56	Adam Zaręba <adama@...>	9d11102
r 2019 15:38	Adam Zaręba <adama@...>	e2856de

FILE STATUS

- Working Copy

BRANCHES

- master

TAGS

REMOTES

STASHES

Pending

Commits Pending

Add  Parent Author Date: Commit

Edit Config File... OK Cancel

Remote repository paths

Name	Path

Added gitignore file

- .gitignore

File Status Log / History Search

Repository Settings

Remotes Advanced



GitLesson01

X + ▾



Commit



Pull



Push



Fetch



Branch



Merge



Stash



Discard



Tag



Git-flow



Remote



Terminal



Explorer



Settings

FILE STATUS

Working Copy

BRANCHES

master

TAGS

REMOTES

STASHES

All Branches

Show Remote Branches

Date Order

Jump to:

Date	Author	Commit
2019 17:14	Adam Zaręba <ad...>	c512198
2019 16:09	Adam Zaręba <ad...>	cf803ff
2019 15:56	Adam Zaręba <ad...>	9d11102
2019 15:38	Adam Zaręba <ad...>	e2856de

Required information

Remote name: origin Default remote

URL / Path: https://github.com/adamzareba/GitLesson01.git

Optional extended integration

Remote Account:

 Generic Account
Generic Host

Legacy Account Settings:

Host Type: GitHub

Host Root URL: https://www.github.com

Username:

Extended integration is used to enable deeper integration with hosting providers such as Bitbucket, including locating existing clones when following links from sites and creating pull requests.

OK

Cancel

.gitignore

File Status

Log / History

Search

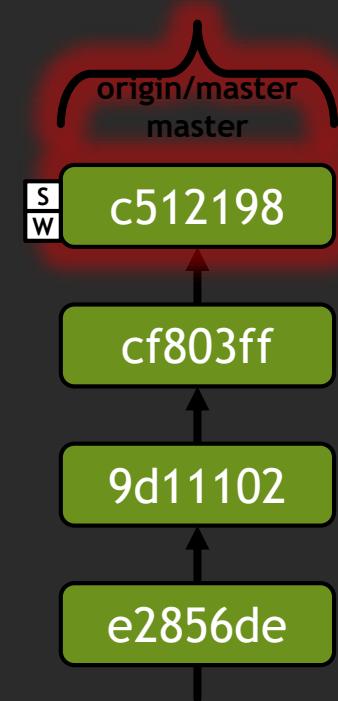
Push local changes
to remote repository

git push

```

gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git remote -v
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git remote add origin https://github.com/adamzareba/GitLesson01.git
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git remote -v
origin  https://github.com/adamzareba/GitLesson01.git (fetch)
origin  https://github.com/adamzareba/GitLesson01.git (push)
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ cat .git/config
[core]
    repositoryformatversion = 0
    filemode = false
    bare = false
    logallrefupdates = true
    symlinks = false
    ignorecase = true
[remote "origin"]
    url = https://github.com/adamzareba/GitLesson01.git
    fetch = +refs/heads/*:refs/remotes/origin/*
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git push -u origin master
Enumerating objects: 12, done.
Counting objects: 100% (12/12), done.
Delta compression using up to 4 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (12/12), 1.04 KiB | 178.00 KiB/s, done.
Total 12 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/adamzareba/GitLesson01.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

```



File Edit View Repository Actions Tools Help

GitLesson01 X +

Commit Pull Push Fetch Branch Merge Stash Discard Tag

Git-flow Remote Terminal Explorer Settings

All Branches Show Remote Branches Date Order Jump to:

	Description	Date	Author	Commit
●	master Added gitignore file	2 mar 2019 17:14	Adam Zaręba <ad...	c512198
●	Added table script, removed button script	2 mar 2019 16:09	Adam Zaręba <ad...	cf803ff
●	Updated button script	2 mar 2019 15:56	Adam Zaręba <ad...	9d11102
●	Created button script	2 mar 2019 15:38	Adam Zaręba <ad...	e2856de

FILE STATUS
Working Copy

BRANCHES
master

TAGS

REMOTES

STASHES

Pending files, sorted by file status Search

Commit: c512198d444d2b5c0114a8e3a51c62bd9ca12df5 [c512198]
Parents: cf803ffbde
Author: Adam Zaręba <adam.d.zareba@gmail.com>
Date: sobota, 2 marca 2019 17:14:44
Committer: Adam Zaręba

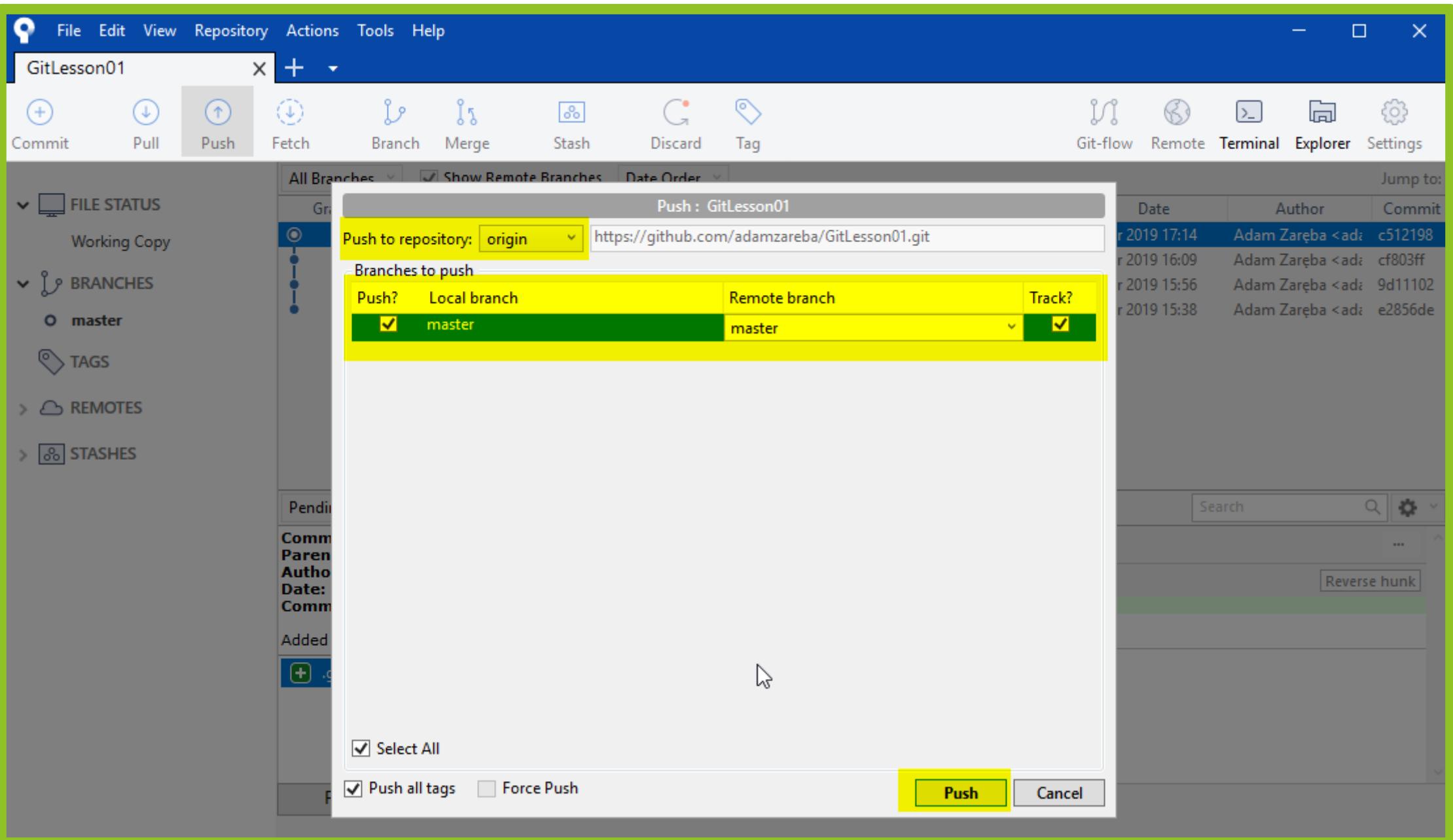
Added gitignore file

.gitignore

File Contents Reverse hunk

0 + logs/

File Status Log / History Search



File Edit View Repository Actions Tools Help

GitLesson01 X +

Commit Pull Push Fetch Branch Merge Stash Discard Tag

Git-flow Remote Terminal Explorer Settings

All Branches Show Remote Branches Date Order Jump to:

FILE STATUS

- Working Copy

BRANCHES

- master

TAGS

REMOTES

STASHES

Graph Description Date Author Commit

	Description	Date	Author	Commit
●	master	Added gitignore file	2 mar 2019 17:14	Adam Zaręba <adam.d.zareba@gmail.com> c512198
●	origin/master	Added table script, removed button script	2 mar 2019 16:09	Adam Zaręba <adam.d.zareba@gmail.com> cf803ff
●		Updated button script	2 mar 2019 15:56	Adam Zaręba <adam.d.zareba@gmail.com> 9d11102
●		Created button script	2 mar 2019 15:38	Adam Zaręba <adam.d.zareba@gmail.com> e2856de

Pending files, sorted by file status Search

Commit: c512198d444d2b5c0114a8e3a51c62bd9ca12df5 [c512198]
Parents: cf803ffbde
Author: Adam Zaręba <adam.d.zareba@gmail.com>
Date: sobota, 2 marca 2019 17:14:44
Committer: Adam Zaręba

Added gitignore file

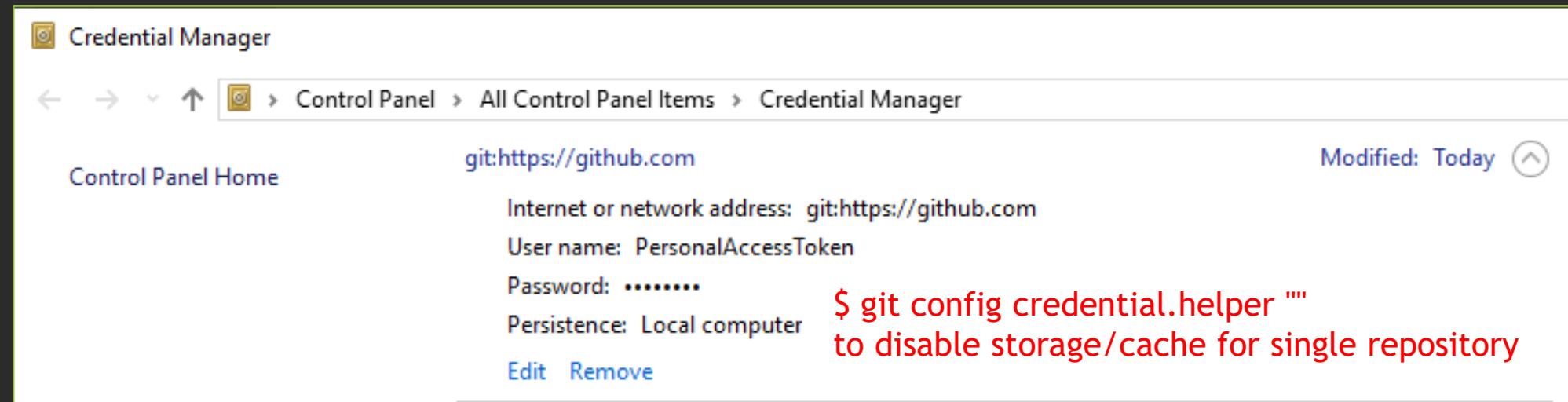
.gitignore

File Contents Reverse hunk

0 + logs/

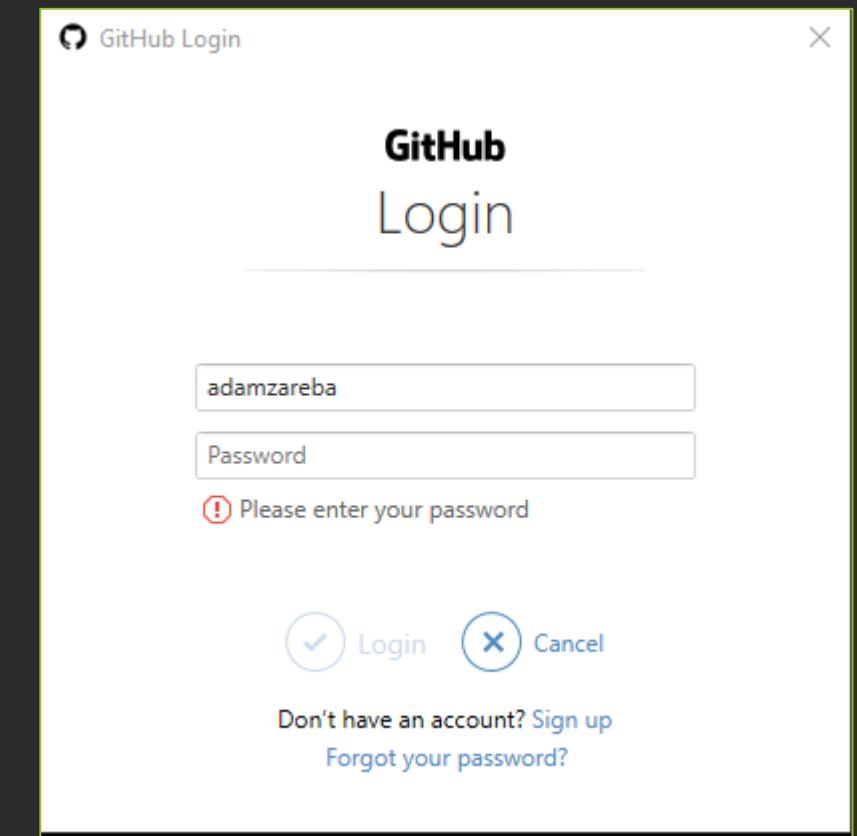
File Status Log / History Search

```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/examples/ExampleProject (master)
$ git push
remote: Permission to adamzareba/ExampleProject.git denied to otherGithubUser.
fatal: unable to access 'https://github.com/adamzareba/ExampleProject.git/': The requested URL
returned error: 403
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/examples/ExampleProject (master)
$ git credential reject
protocol=https
host=github.com
```



```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/examples/ExampleProject (master)
$ git push
remote: Permission to adamzareba/ExampleProject.git denied to otherGithubUser.
fatal: unable to access 'https://github.com/adamzareba/ExampleProject.git/': The requested URL
returned error: 403
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/examples/ExampleProject (master)
$ git credential reject
protocol=https
host=github.com
```

```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/examples/ExampleProject (master)
$ git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 242 bytes | 121.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0)
To https://github.com/adamzareba/ExampleProject.git
  65285ae..b7a431b master -> master
```



Clone Github
remote repository
into remote server

Fork



Search or jump to...

/

Pull requests Issues Marketplace Explore



+

angular / angular.js

Watch ▾

4,252

Star

59,405

Fork

28,927

Fork your own copy of angular/angular.js

Code

Issues 386

Pull requests 76

Projects 0

Wiki

Insights

AngularJS - HTML enhanced for web apps! <https://angularjs.org>

8,956 commits

16 branches

203 releases

1,595 contributors

MIT

Branch: master ▾

New pull request

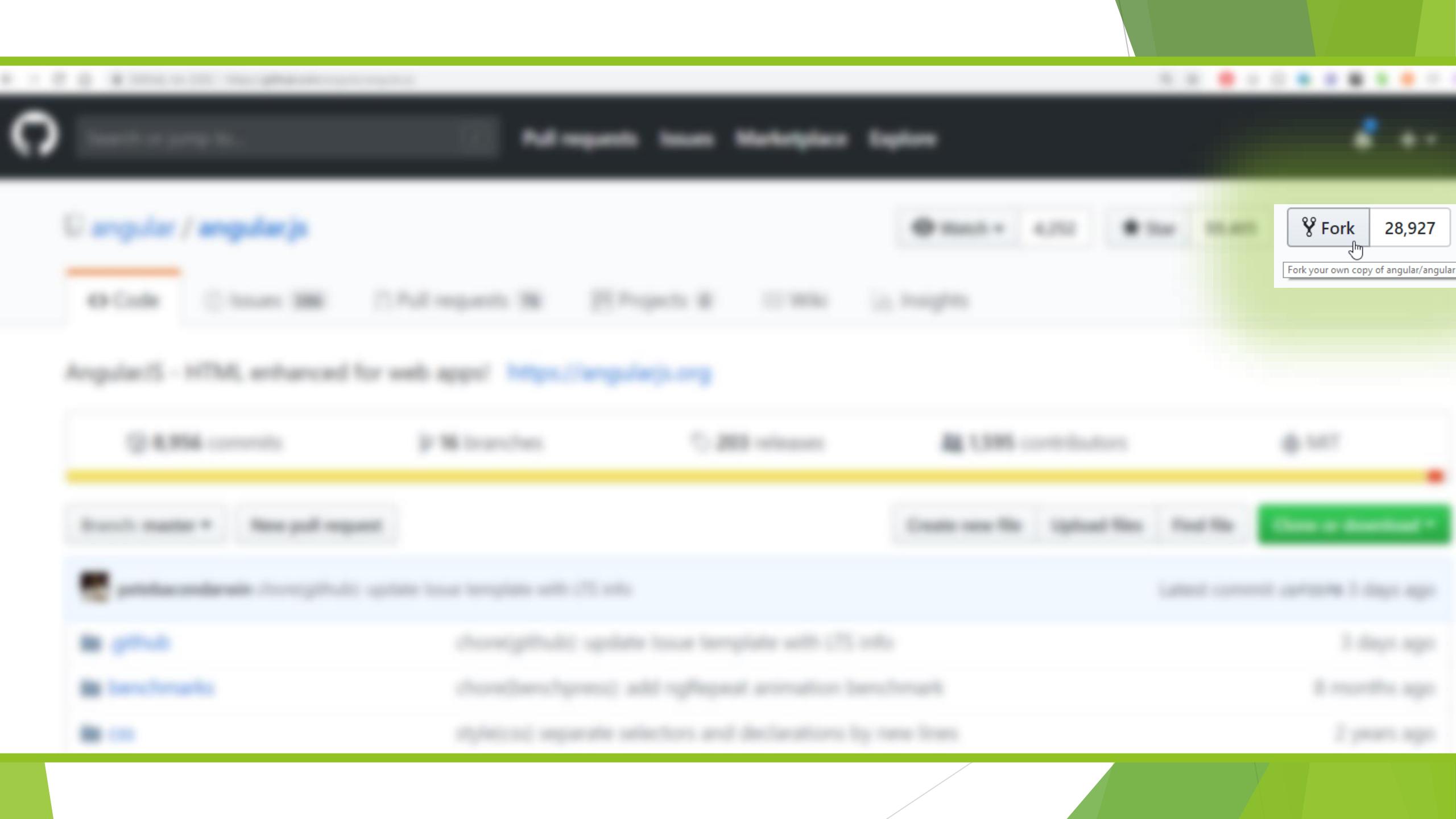
Create new file

Upload files

Find file

Clone or download ▾

 petebacondarwin	chore.github: update Issue template with LTS info	Latest commit cbf35f0 3 days ago
 .github	chore.github: update Issue template with LTS info	3 days ago
 benchmarks	chore(benchpress): add ngRepeat animation benchmark	8 months ago
 css	style(css) separate selectors and declarations by new lines	2 years ago





Fork angular.js

Star

Where should we fork angular.js?



[adamzareba](#)

Will be created as adamzareba/angular.js.
jSession jSESSIONID

Create new file

Upload files

Find

[adamzareba / angular.js](#)

forked from [angular/angular.js](#)

Unwatch ▾

1

Star

0

Fork



Adam Zaręba adamzareba

Białystok, Poland

Member of jSessionPL

Viki

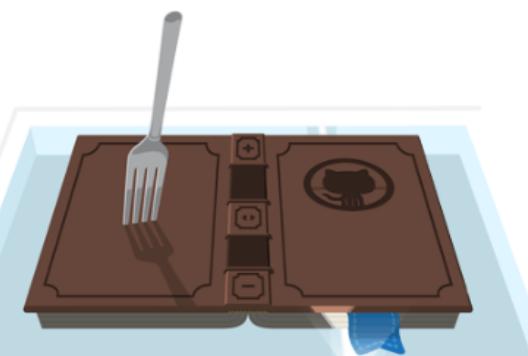
Insights

Settings

forking angular/angular.js

It should only take a few seconds.

Refresh



Search or jump to...



Pull requests Issues Marketplace Explore



adamzareba / angular.js
forked from angular/angular.js

Unwatch ▾

1

Star

0

Fork

28,928

Code

Pull requests 0

Projects 0

Wiki

Insights

Settings

AngularJS - HTML enhanced for web apps! <https://angularjs.org>

Edit

Manage topics

8,956 commits

16 branches

203 releases

1,595 contributors

MIT

Branch: master ▾

New pull request

Create new file

Upload files

Find file

Clone or download ▾

This branch is even with angular:master.

[Pull request](#) [Compare](#)

 petebacondarwin chore(github): update Issue template with LTS info

Latest commit cbf35f0 3 days ago

.github

chore(github): up

docs(guide/Conceptual Overview): use exchangeratesapi.io
As fixer.io introduced an API key and thus a limitation of calls
(see <https://github.com/fixerAPI/fixer#readme>),
change <https://api.fixer.io> to <https://api.exchangeratesapi.io> instead,
which is "designed and tested to handle thousands of request per second"
and has "built in Fixer.io compatibility so you can keep all the libraries you already like
and use daily" (from <https://api.exchangeratesapi.io>).
The idea is from <https://github.com/fixerAPI/fixer/issues/107>
fixes #16807

3 days ago

benchmarks

chore(benchpres

8 months ago

css

style(css) separat

2 years ago



Search or jump to...



Pull requests Issues Marketplace Explore

adamzareba / angular.js
forked from angular/angular.js

Unwatch

Code

Pull requests 0

Projects 0

Wiki

Insights

Settings

AngularJS - HTML enhanced for web apps! <https://angularjs.org>

[Manage topics](#)

8,956 commits

16 branches

203 releases

1,595 contrib

Branch: master ▾

New pull request

Create new file Up

This branch is even with angular:master.



petebacondarwin chore(github): update Issue template with LTS info

.github

chore(github): update Issue template with LTS info



Search or jump to...



Pull requests

Issues

Marketplace

Explore

angular / angular.js

Watch ▾

4,252

Star

Code

Issues 386

Pull requests 76

Projects 0

Wiki

Insights

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).



base repository: angular/angular.js ▾

base: master ▾



head repository: adamzareba/angular.js ▾

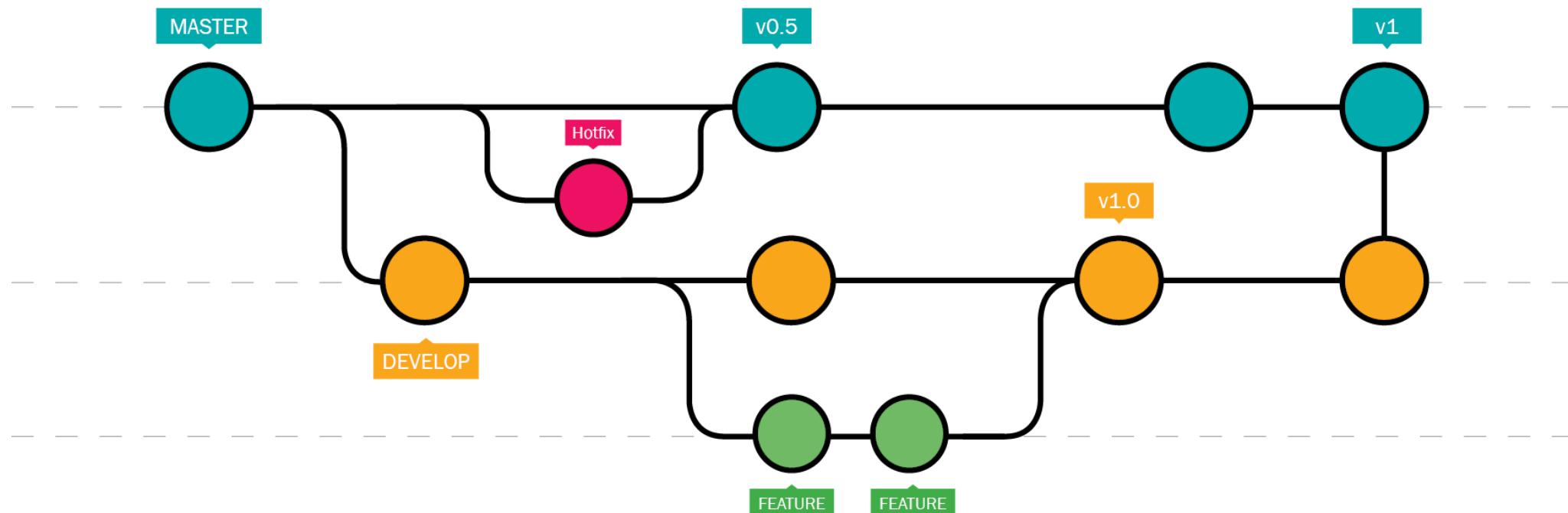
compare: master ▾

Create a new (local)
repository branch

```
git  
checkout -b
```



https://hub.packtpub.com/sites/default/files/new_blog_images/371/image1.png

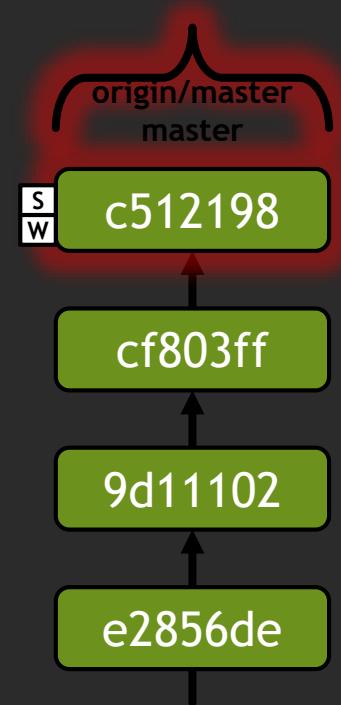


https://cdn-images-1.medium.com/max/2600/1*tnvRls6Dg7vFt0zGdtfu_w.png

```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
```

```
$ git branch
```

```
* master
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git branch
* master
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git checkout -b develop
Switched to a new branch 'develop'
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git branch
* master
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git checkout -b develop
Switched to a new branch 'develop'
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ echo 'console.log("This header is awesome");' > header.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git add -A & git commit -m "Created header script"
[1] 6432
[develop 0d7660f] Created header script
 1 file changed, 1 insertion(+)
 create mode 100644 header.js
[1]+ Done
```

git add -A



gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)

\$ git log

commit 0d7660f354551e19c0b348634465343c101efec9 (HEAD -> develop)

Author: Adam Zaręba <adam.d.zareba@gmail.com>

Date: Sat Mar 2 18:14:53 2019 +0100

Created header script

commit c512198d444d2b5c0114a8e3a51c62bd9ca12df5 (origin/master, master)

Author: Adam Zaręba <adam.d.zareba@gmail.com>

Date: Sat Mar 2 17:14:44 2019 +0100

Added gitignore file

commit cf803ffbde97614cf557ee4e09c36baf5069c4

Author: Adam Zaręba <adam.d.zareba@gmail.com>

Date: Sat Mar 2 16:09:20 2019 +0100

Added table script, removed button script

commit 9d11102d775a98a7d337ebdbb

Author: Adam Zaręba <adam.d.zareba@gmail.com>

Date: Sat Mar 2 15:56:31 2019

Updated button script

commit e2856de5ea7efa749290828eb

Author: Adam Zaręba <adam.d.zareba@gmail.com>

Date: Sat Mar 2 15:38:17 2019

Created button script

The screenshot shows the GitKraken application window. The title bar says 'GitLesson01'. The menu bar includes File, Edit, View, Repository, Actions, Tools, and Help. Below the menu is a toolbar with icons for Commit, Pull, Push, Fetch, Branch, Merge, Stash, Discard, Tag, Git-flow, Remote, Terminal, Explorer, and Settings. On the left, there's a sidebar with sections for FILE STATUS (Working Copy), BRANCHES (with 'develop' and 'master' selected), and TAGS. The main area displays a commit history table:

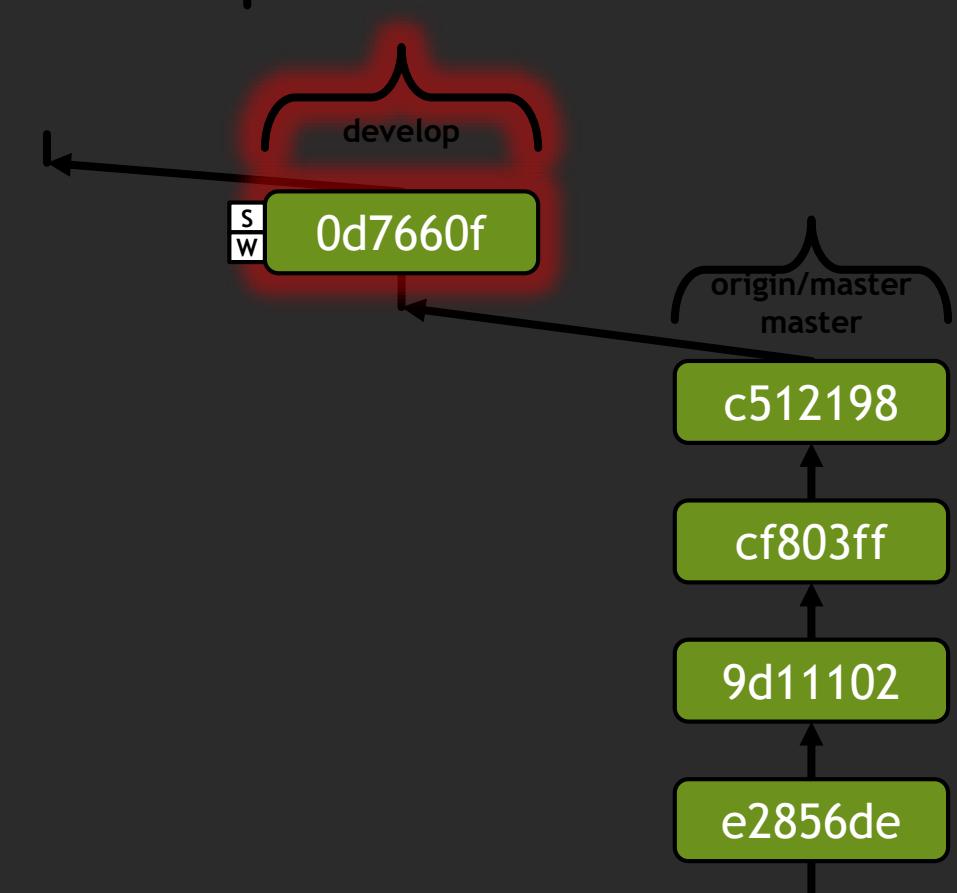
Graph	Description	Date	Author	Commit
● ● develop	Created header script	2 mar 2019 18:14	Adam Zaręba <ad...	0d7660f
● ● origin/master	Added gitignore file	2 mar 2019 17:14	Adam Zaręba <ad...	c512198
● ●	Added table script, removed button script	2 mar 2019 16:09	Adam Zaręba <ad...	cf803ff
● ●	Updated button script	2 mar 2019 15:56	Adam Zaręba <ad...	9d11102
● ●	Created button script	2 mar 2019 15:38	Adam Zaręba <ad...	e2856de

Create a new
(local) repository
branch

git branch

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git branch feature/whiteFooter
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git branch
* develop
  feature/whiteFooter
  master
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git branch feature/whiteFooter
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git branch
* develop
  feature/whiteFooter
  master
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git branch -d feature/whiteFooter
Deleted branch feature/whiteFooter (was 0d7660f) .
```



File Edit View Repository Actions Tools Help

GitLesson01 X + Branch

Commit Pull Push Fetch Branch Merge Stash Discard Tag Git-flow Remote Terminal Explorer Settings

All Branches Show Remote Branches Date Order Jump to:

Graph	Description	Date	Author	Commit
●	develop Created header script	2 mar 2019 18:14	Adam Zaręba <adam.d.zareba@gmail.com>	Od7660f
●	origin/master master Added gitignore file	2 mar 2019 17:14	Adam Zaręba <adam.d.zareba@gmail.com>	c512198
●	Added table script, removed button script	2 mar 2019 16:09	Adam Zaręba <adam.d.zareba@gmail.com>	cf803ff
●	Updated button script	2 mar 2019 15:56	Adam Zaręba <adam.d.zareba@gmail.com>	9d11102
●	Created button script	2 mar 2019 15:38	Adam Zaręba <adam.d.zareba@gmail.com>	e2856de

FILE STATUS Working Copy

BRANCHES develop master

TAGS

REMOTES

STASHES

Pending files, sorted by file status Search

Commit: Od7660f354551e19c0b348634465343c101efec9 [Od7660f]
Parents: c512198d44
Author: Adam Zaręba <adam.d.zareba@gmail.com>
Date: sobota, 2 marca 2019 18:14:53
Committer: Adam Zaręba

Created header script

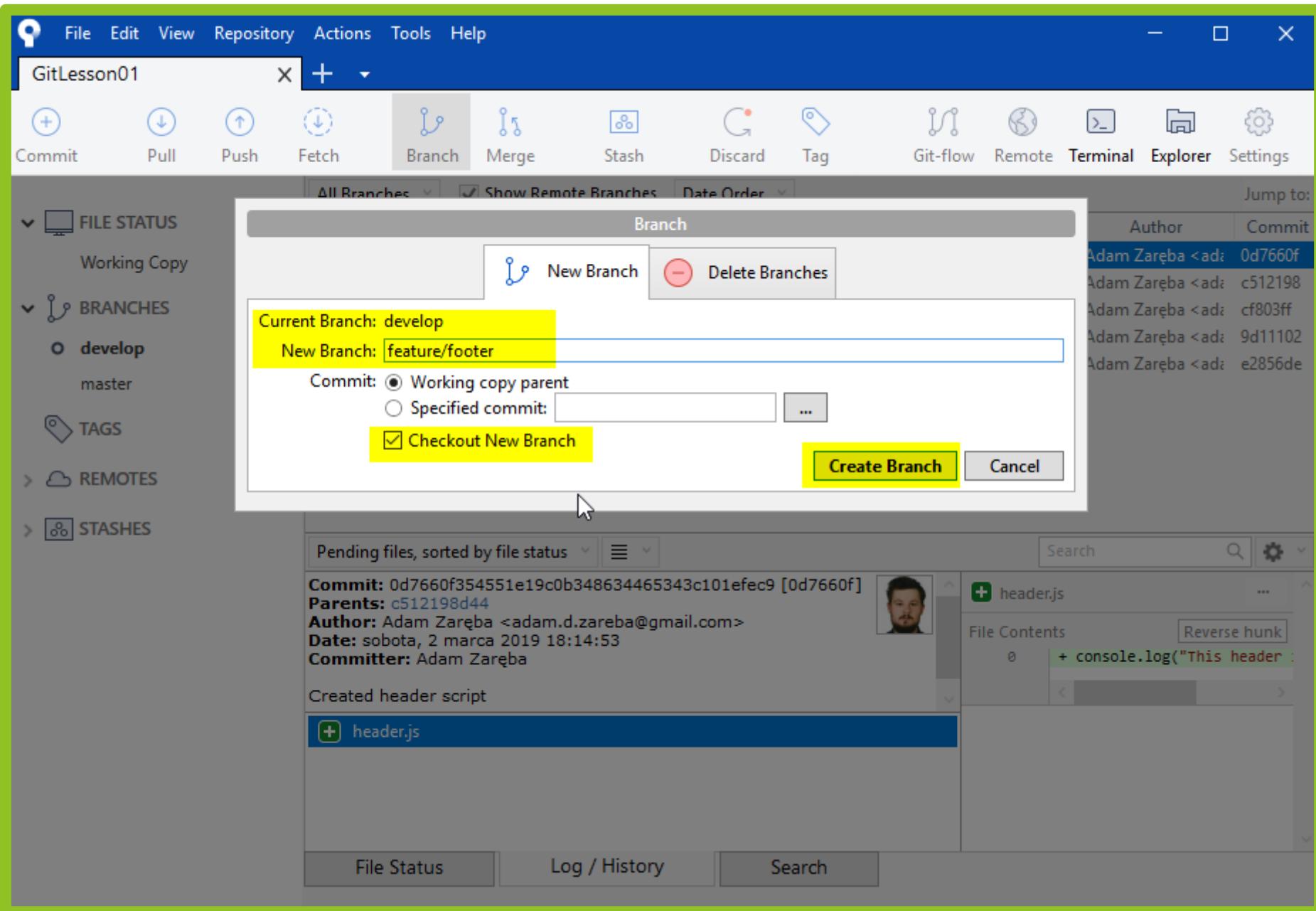
+ header.js

File Contents Reverse hunk

0 + console.log("This header :")

File Status Log / History Search

The screenshot shows the 'Branch' tab selected in the top navigation bar. On the left, there's a sidebar with sections for 'FILE STATUS', 'BRANCHES' (with 'develop' and 'master' listed), 'TAGS', 'REMOTES', and 'STASHES'. The main area displays a commit graph and a detailed view of a specific commit. The commit graph shows a tree structure with 'develop' at the root, 'origin/master' as a parent, and 'master' as another parent. The commit details show the creation of a 'header script'. Below this, a pending file 'header.js' is shown with its file contents and a preview of the code.



File Edit View Repository Actions Tools Help

GitLesson01 X +

Commit Pull Push Fetch Branch Merge Stash Discard Tag Git-flow Remote Terminal Explorer Settings

FILE STATUS
Working Copy

BRANCHES
develop
feature
o footer
master

TAGS

REMOTES

STASHES

All Branches Show Remote Branches Date Order Jump to:

Graph Description Date Author Commit

	Description	Date	Author	Commit
●	feature/footer develop Created header script	2 mar 2019 18:14	Adam Zaręba <adam.d.zareba@gmail.com>	0d7660f
●	origin/master master Added gitignore file	2 mar 2019 17:14	Adam Zaręba <adam.d.zareba@gmail.com>	c512198
●	Added table script, removed button script	2 mar 2019 16:09	Adam Zaręba <adam.d.zareba@gmail.com>	cf803ff
●	Updated button script	2 mar 2019 15:56	Adam Zaręba <adam.d.zareba@gmail.com>	9d11102
●	Created button script	2 mar 2019 15:38	Adam Zaręba <adam.d.zareba@gmail.com>	e2856de

Pending files, sorted by file status

Commit: 0d7660f354551e19c0b348634465343c101efec9 [0d7660f]
Parents: c512198d44
Author: Adam Zaręba <adam.d.zareba@gmail.com>
Date: sobota, 2 marca 2019 18:14:53
Committer: Adam Zaręba

Created header script

+ header.js

File Contents Reverse hunk

+ console.log("This header :")

File Status Log / History Search

0d7660f

develop

origin/master

master

c512198

cf803ff

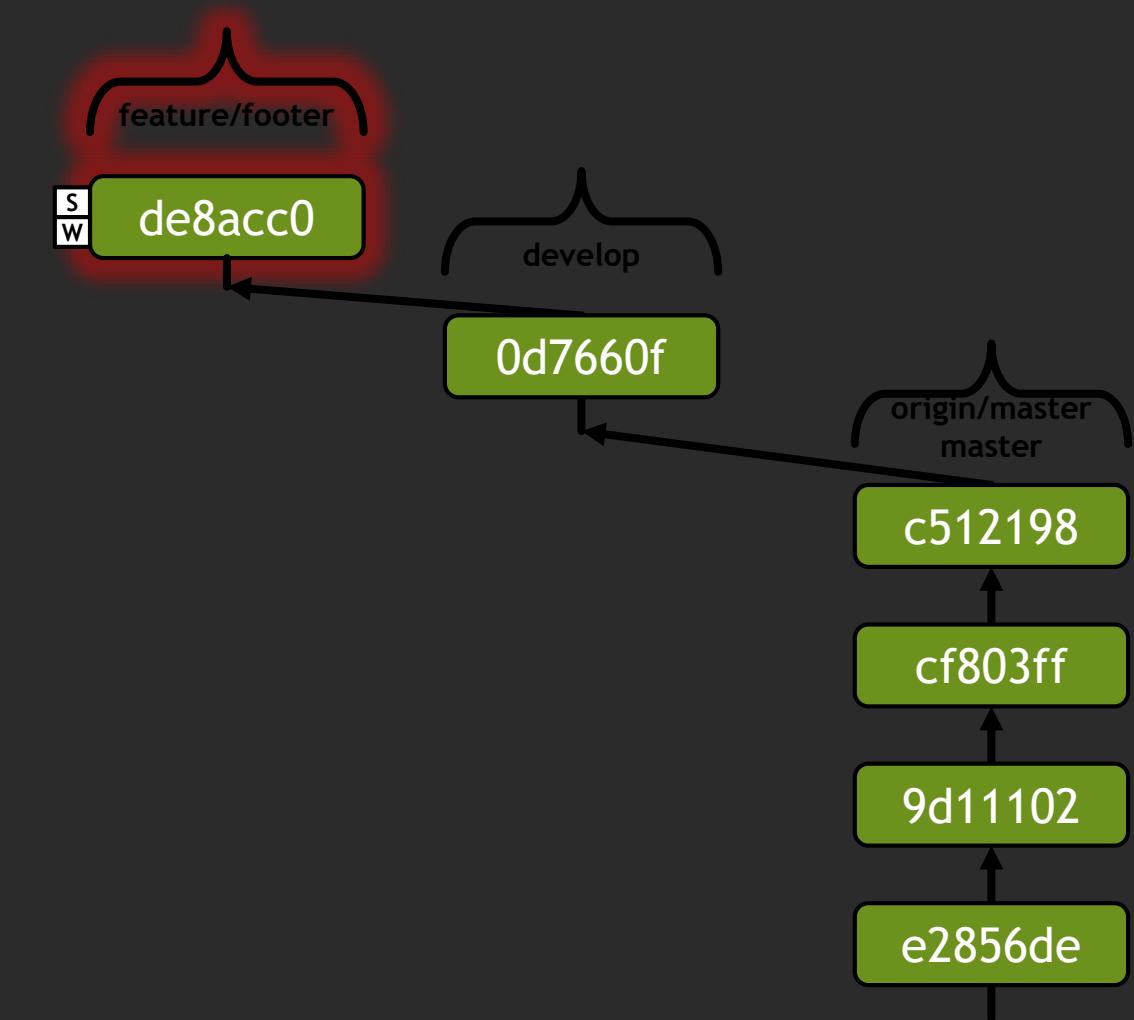
9d11102

e2856de

Merge branches
(Fast Forward)

git merge

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
$ echo 'console.log("This footer is the best");' > footer.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
$ git add -A & git commit -m "Created footer script"
[1] 15372
[feature/footer de8acc0] Created footer script
  1 file changed, 1 insertion(+)
   create mode 100644 footer.js
[1]+ Done git add -A
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
$ echo 'console.log("This footer is the best");' > footer.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
$ git add -A & git commit -m "Created footer script"
[1] 15372
```

[feature/footer de8acc0] Created footer script

1 file changed, 1 insertion(+)

create mode 100644 footer.js

```
[1]+ Done git add -A
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
```

```
$ git log
```

commit de8acc0f698703eb4666ddd8a358b3a10fb8edc1 (HEAD -> feature/footer)

Author: Adam Zaręba <adam.d.zareba@gmail.com>

Date: Sat Mar 2 18:28:19 2019 +0100

Created footer script

```
commit 0d7660f354551e19c0b348634465343c101efec9 (develop)
```

Author: Adam Zaręba <adam.d.zareba@gmail.com>

Date: Sat Mar 2 18:14:53 2019 +0100

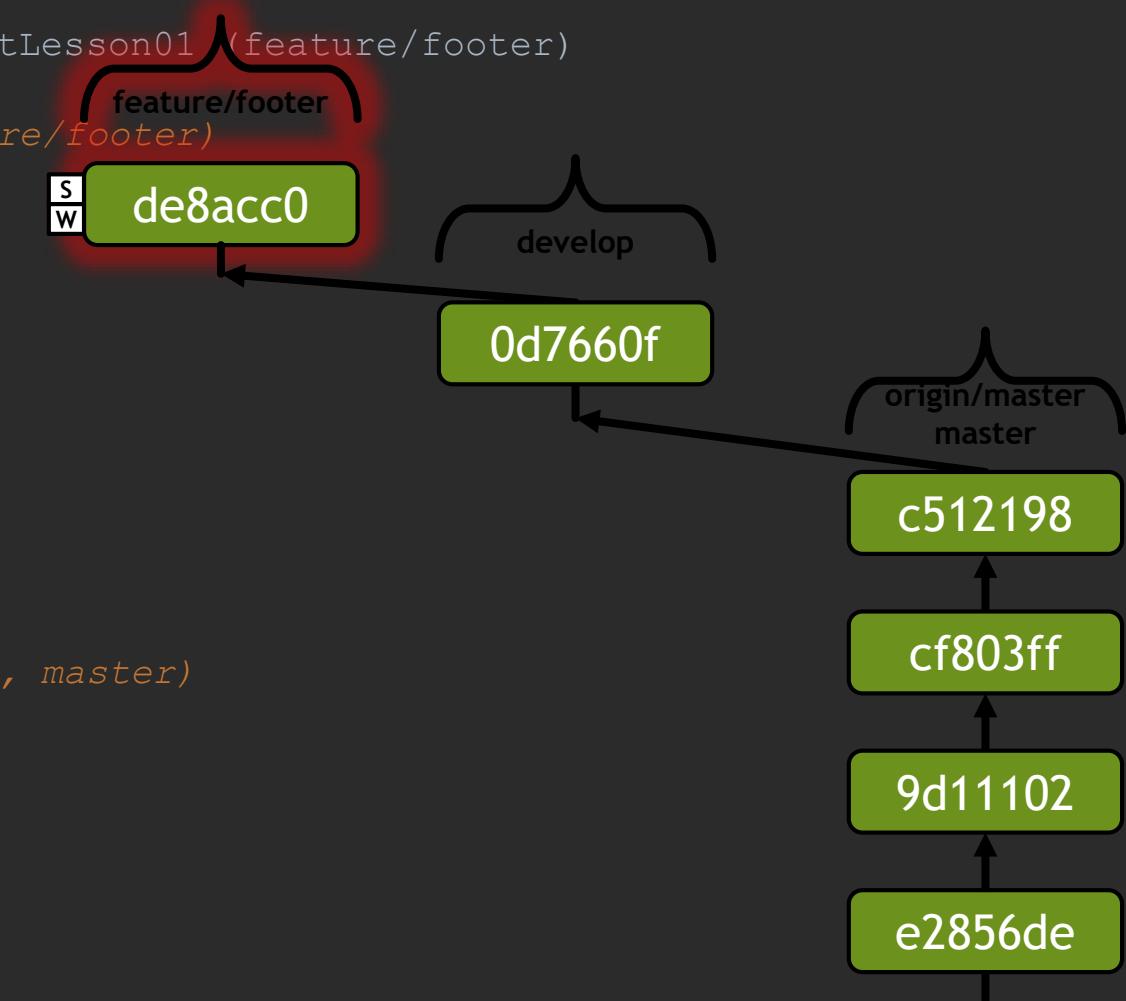
Created header script

```
commit c512198d444d2b5c0114a8e3a51c62bd9ca12df5 (origin/master, master)
```

Author: Adam Zaręba <adam.d.zareba@gmail.com>

Date: Sat Mar 2 17:14:44 2019 +0100

Added gitignore file



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
$ echo 'console.log("This footer is the best");' > footer.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
$ git add -A & git commit -m "Created footer script"
[1] 15372
[feature/footer de8acc0] Created footer script
 1 file changed, 1 insertion(+)
 create mode 100644 footer.js
[1]+ Done git add -A
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
$ git log
commit de8acc0f698703eb4666ddd8a358b3a10fb8edc1 (HEAD -> feature/footer)
Author: Adam Zaręba <adam.d.zareba@gmail.com>
Date:   Sat Mar 2 18:28:19 2019 +0100

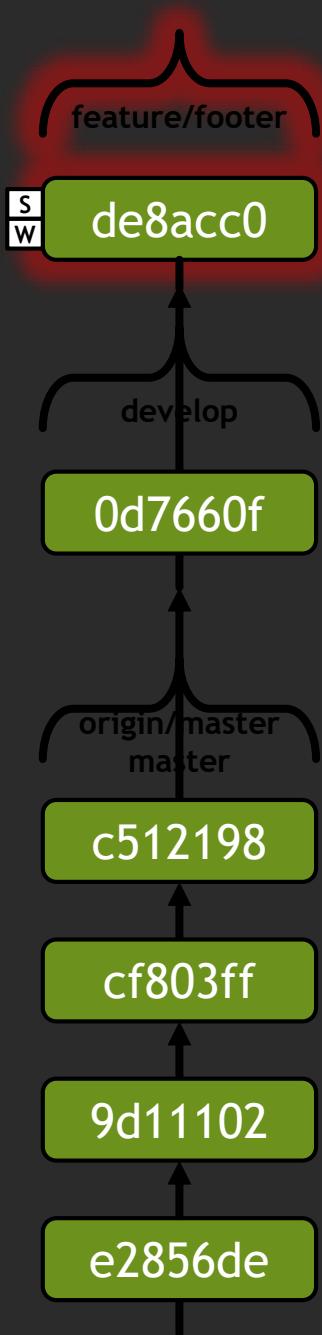
  Created footer script

commit 0d7660f354551e19c0b348634465343c101efec9 (develop)
Author: Adam Zaręba <adam.d.zareba@gmail.com>
Date:   Sat Mar 2 18:14:53 2019 +0100

  Created header script

commit c512198d444d2b5c0114a8e3a51c62bd9ca12df5 (origin/master, master)
Author: Adam Zaręba <adam.d.zareba@gmail.com>
Date:   Sat Mar 2 17:14:44 2019 +0100

  Added gitignore file
```



```

gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
$ echo 'console.log("This footer is the best");' > footer.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
$ git add -A & git commit -m "Created footer script"
[1] 15372
[feature/footer de8acc0] Created footer script
  1 file changed, 1 insertion(+)
  create mode 100644 footer.js
[1]+ Done git add -A

```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
```

```
$ git log --graph --oneline
commit
```

```
Author: Adam Zaręba <adz@wp.pl>
Date:   Mon Mar 4 18:28:00 2019 +0100
```

```
feature/footer de8acc0 [s w] Created footer script
```

```
Author: Adam Zaręba <adz@wp.pl>
Date:   Mon Mar 4 18:14:00 2019 +0100
```

```
develop 0d7660f [s w] Created header script
```

```
Author: Adam Zaręba <adz@wp.pl>
Date:   Mon Mar 4 17:14:00 2019 +0100
```

```
origin/master c512198 [s w] Added gitignore file
```

```
Author: Adam Zaręba <adz@wp.pl>
Date:   Mon Mar 4 16:09:00 2019 +0100
```

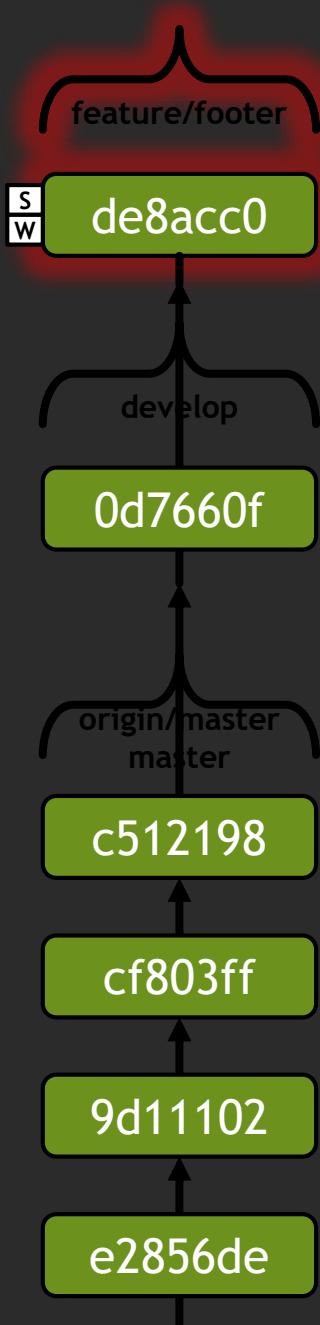
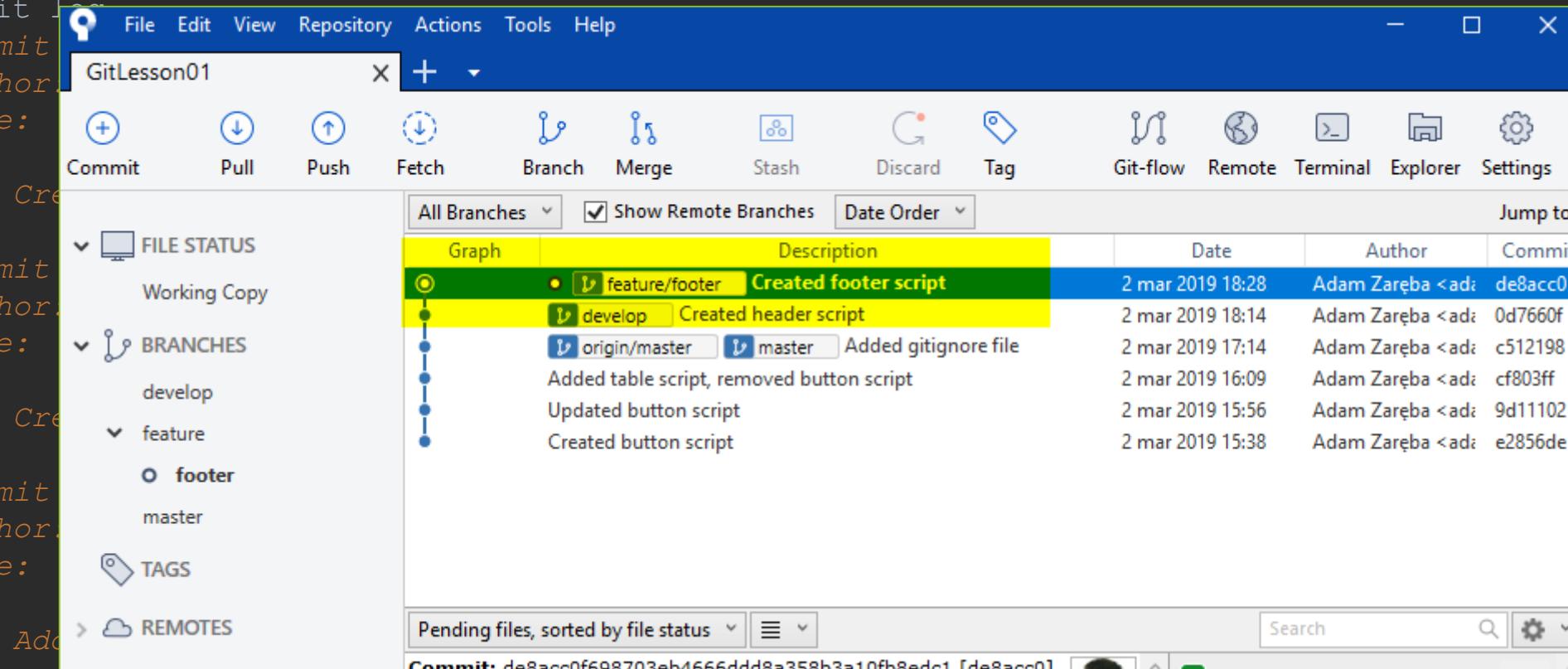
```
master cf803ff [s w] Added table script, removed button script
```

```
Author: Adam Zaręba <adz@wp.pl>
Date:   Mon Mar 4 15:56:00 2019 +0100
```

```
feature cf011102 [s w] Updated button script
```

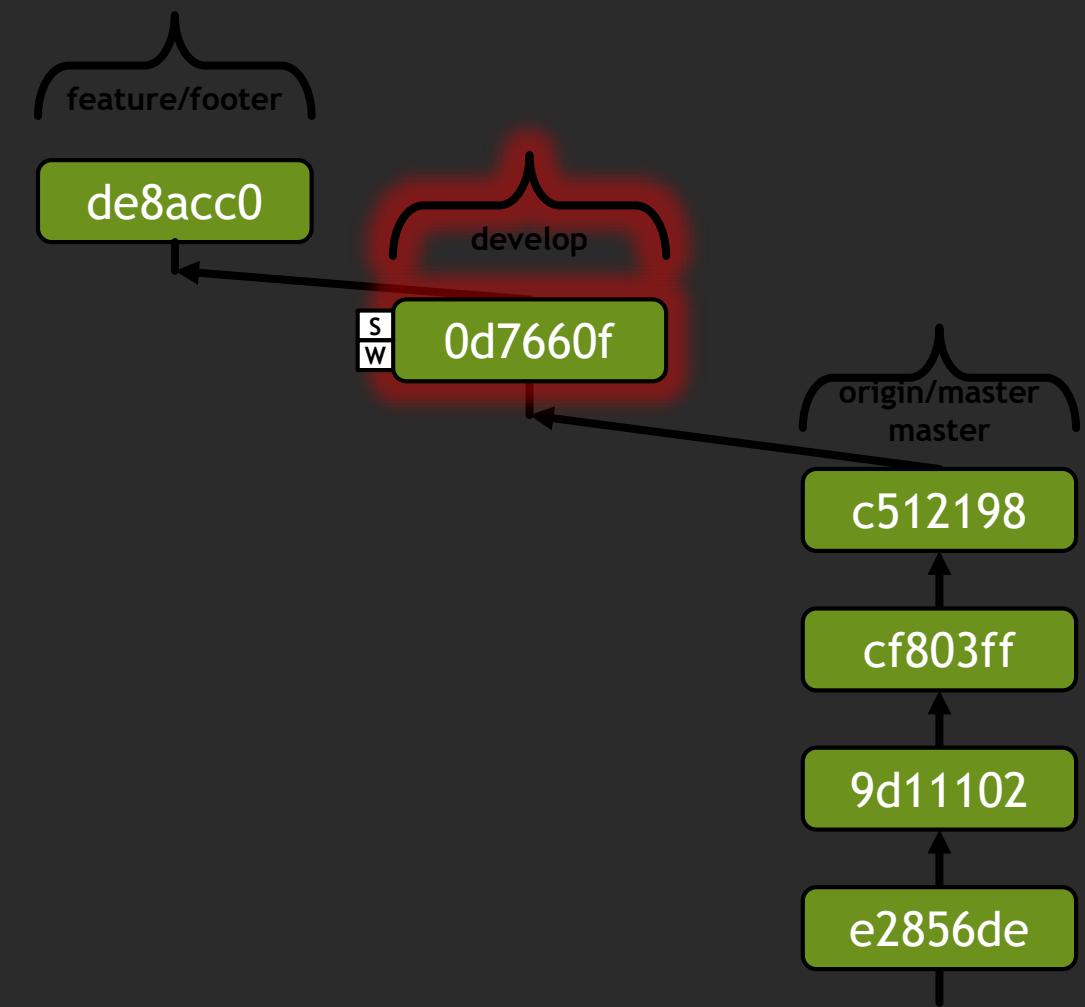
```
Author: Adam Zaręba <adz@wp.pl>
Date:   Mon Mar 4 15:38:00 2019 +0100
```

```
master e2856de [s w] Created button script
```

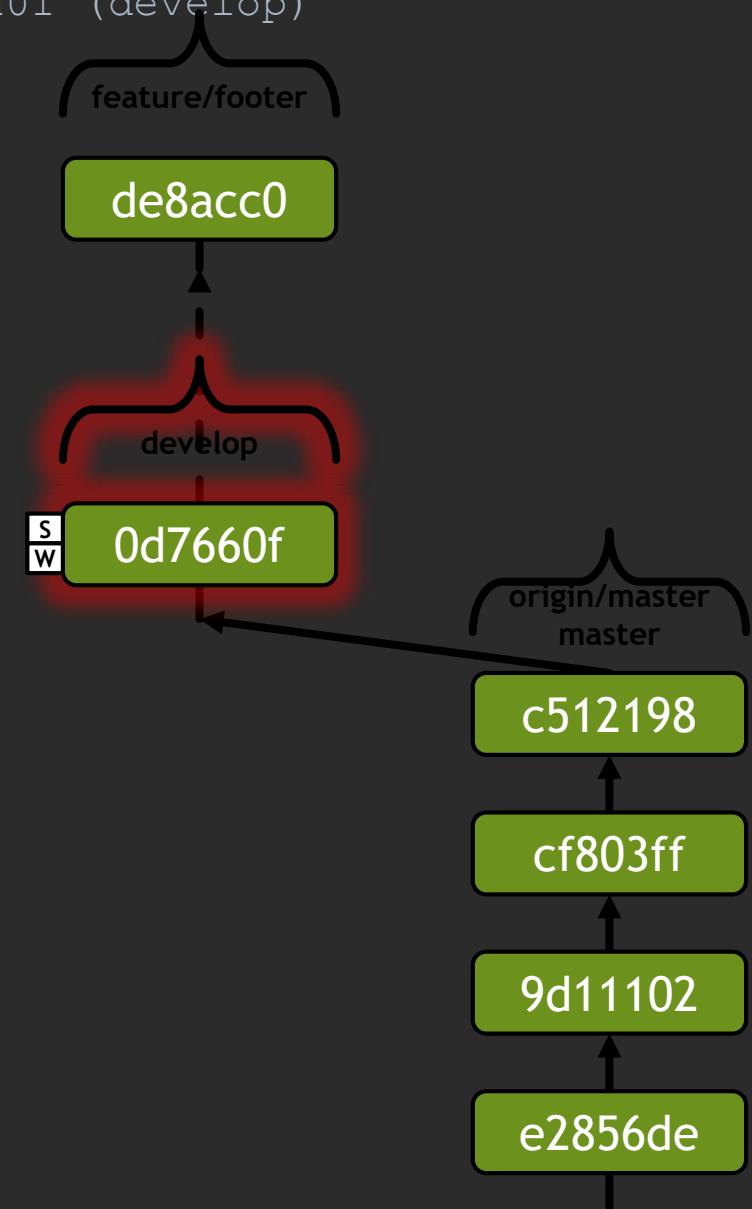


```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
```

```
$ git checkout develop  
Switched to branch 'develop'
```



```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
$ git checkout develop
Switched to branch 'develop'
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git merge feature/footer
Updating 0d7660f..de8acc0
Fast-forward
 footer.js | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 footer.js
```



```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
```

```
$ git checkout develop
```

```
Switched to branch 'develop'
```

```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
```

```
$ git merge feature/footer
```

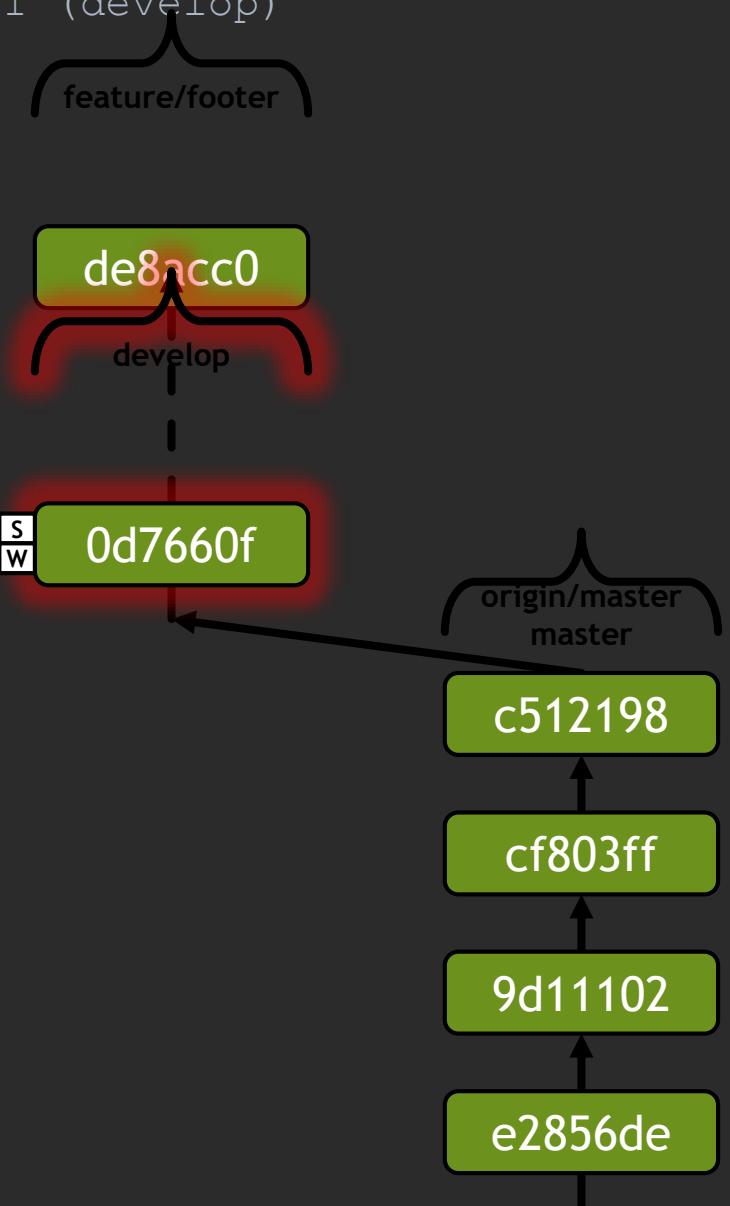
```
Updating 0d7660f..de8acc0
```

```
Fast-forward
```

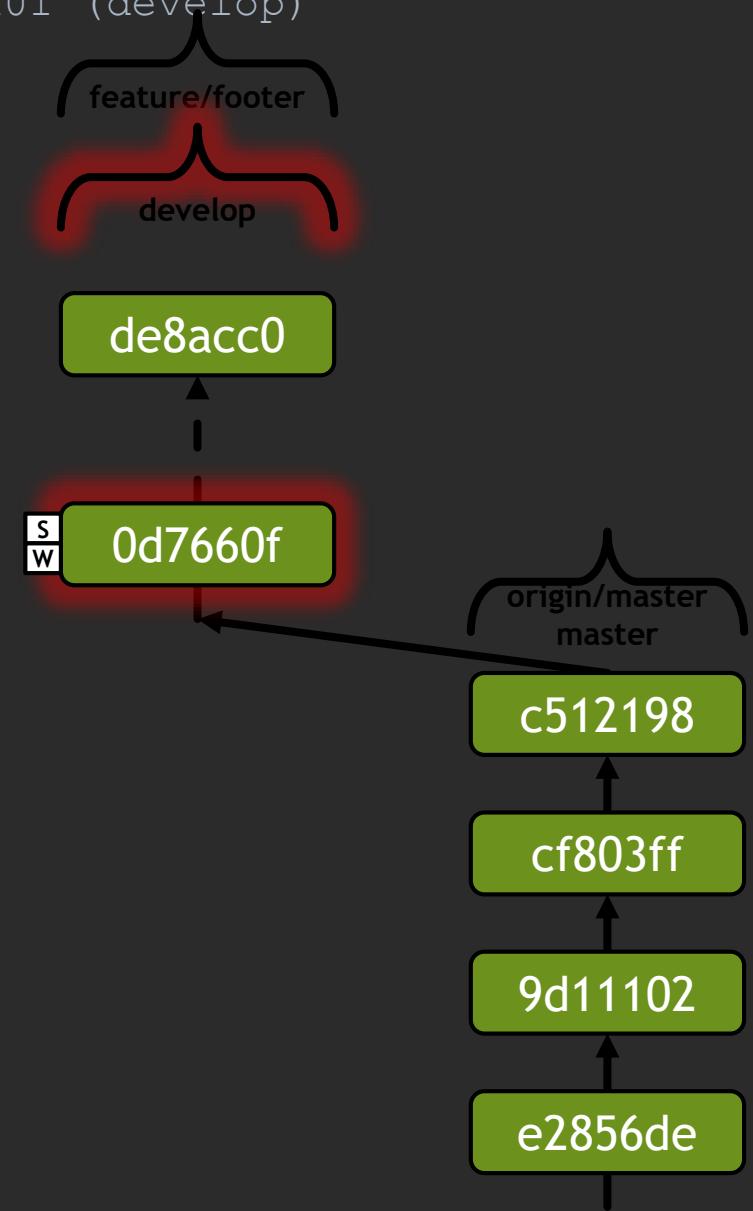
```
 footer.js | 1 +
```

```
 1 file changed, 1 insertion(+)
```

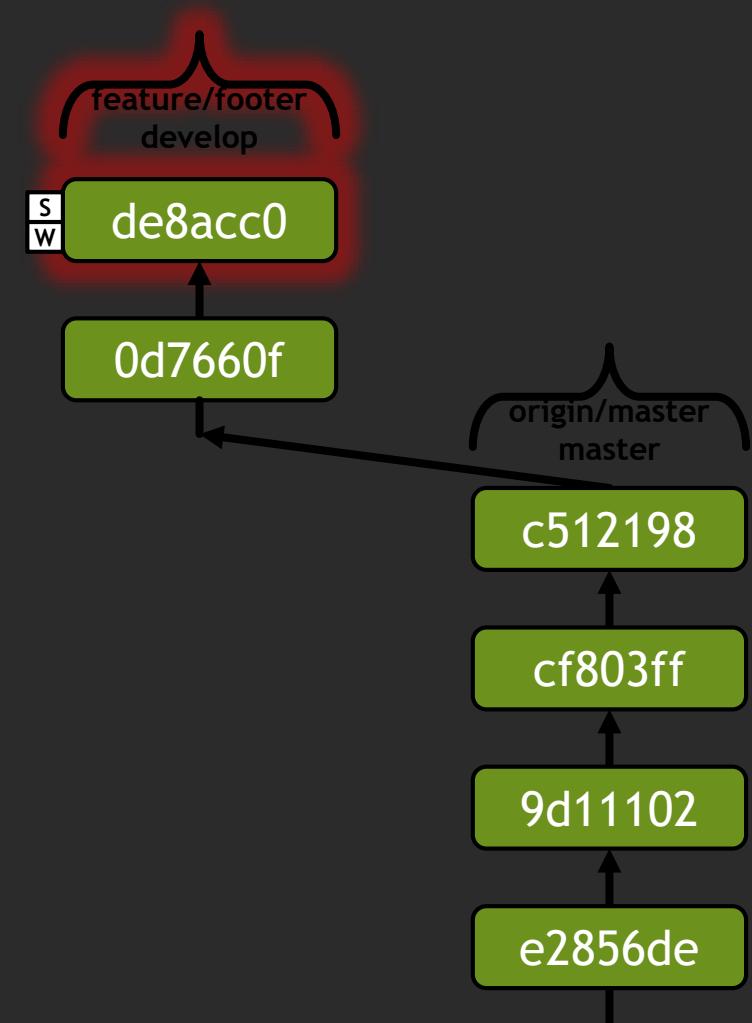
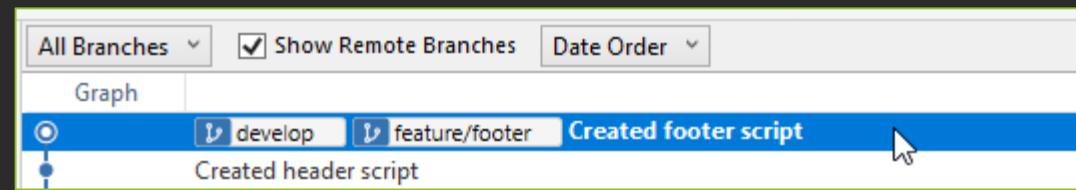
```
create mode 100644 footer.js
```

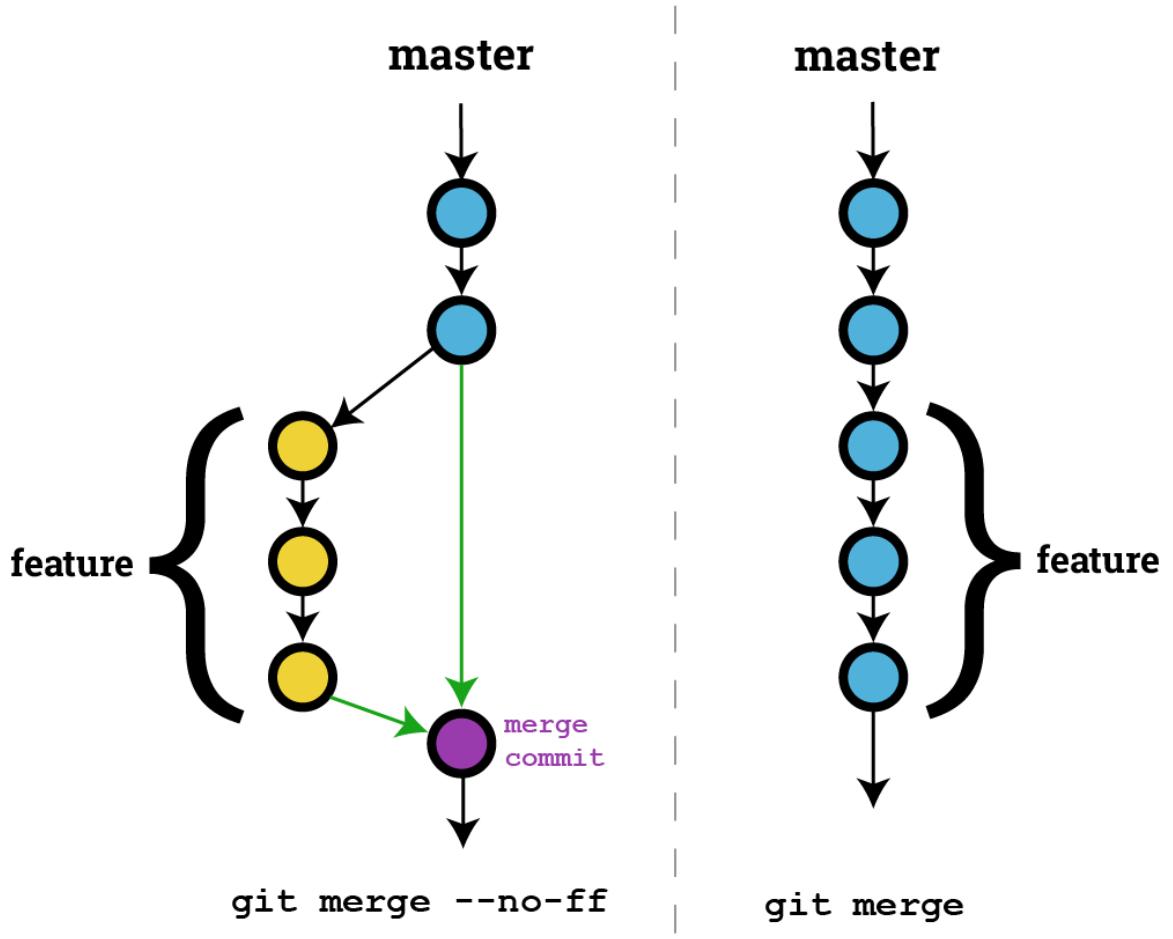


```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
$ git checkout develop
Switched to branch 'develop'
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git merge feature/footer
Updating 0d7660f..de8acc0
Fast-forward
 footer.js | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 footer.js
```



```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
$ git checkout develop
Switched to branch 'develop'
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git merge feature/footer
Updating 0d7660f..de8acc0
Fast-forward
  footer.js | 1 +
  1 file changed, 1 insertion(+)
create mode 100644 footer.js
```





```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (feature/footer)
$ git checkout develop
Switched to branch 'develop'
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git merge feature/footer
Updating 0d7660f..de8acc0
Fast-forward
  footer.js | 1 +
   1 file changed, 1 insertion(+)
  create mode 100644 footer.js
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git push origin develop
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (6/6), 624 bytes | 156.00 KiB/s, done.
Total 6 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), done.
remote:
remote: Create a pull request for 'develop' on GitHub by visiting:
remote:     https://github.com/adamzareba/GitLesson01/pull/new/develop
remote:
To https://github.com/adamzareba/GitLesson01.git
 * [new branch]      develop -> develop
Branch 'develop' set up to track remote branch 'develop' from 'origin'.
```



adamzareba / GitLesson01

Unwatch ▾

1

Star

0

Fork

0

Code

Issues 0

Pull requests 0

Projects 0

Wiki

Insights

Settings

No description, website, or topics provided.

Edit

Manage topics

4 commits

2 branches

0 releases

0 contributors

Your recently pushed branches:

develop (less than a minute ago)

Compare & pull request

Branch: master ▾

New pull request

Create new file

Upload files

Find file

Clone or download ▾

Switch branches/tags

Find or create a branch...

Branches

Tags

develop

master

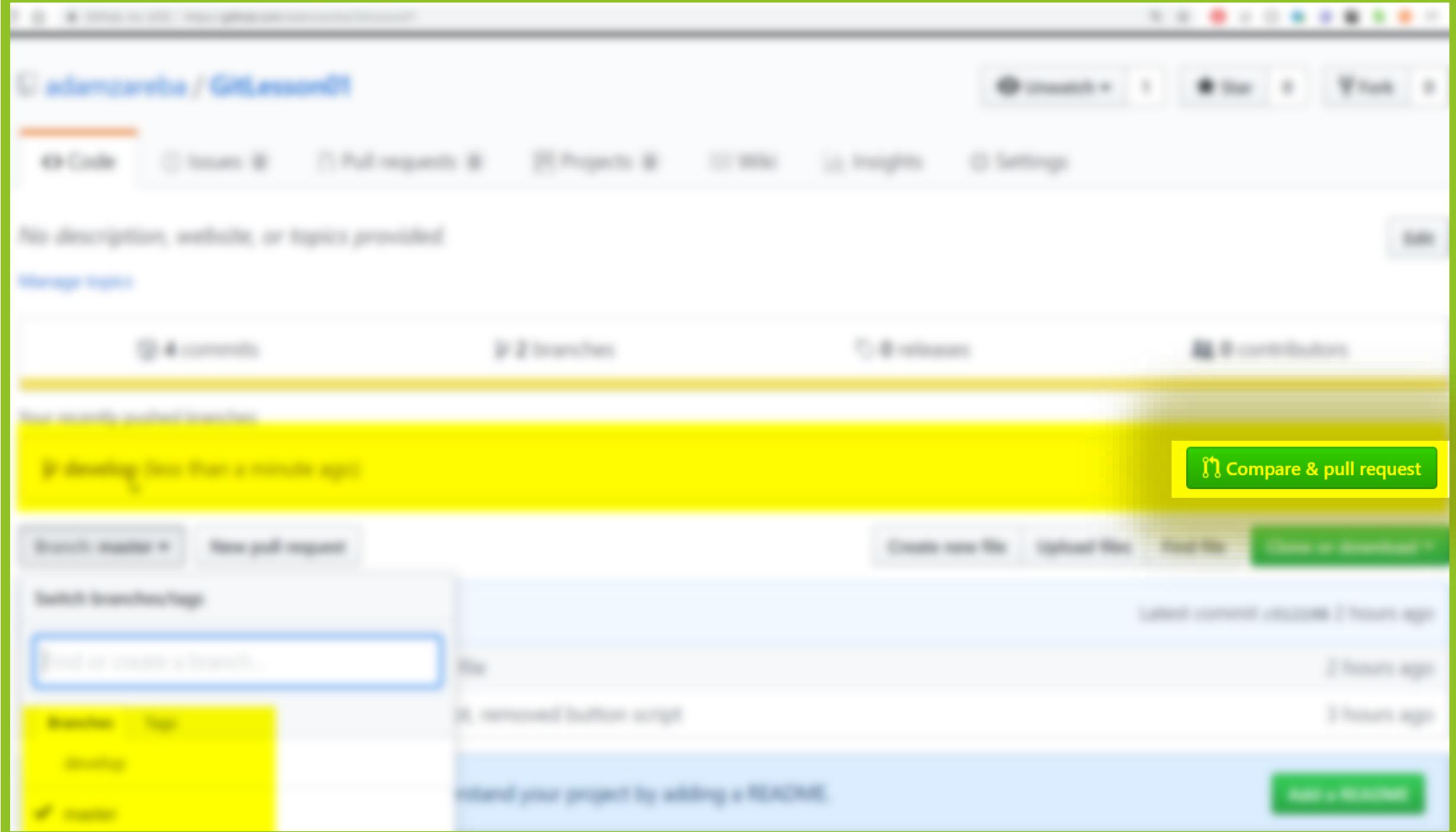
Latest commit c512198 2 hours ago

file 2 hours ago

ot, removed button script 3 hours ago

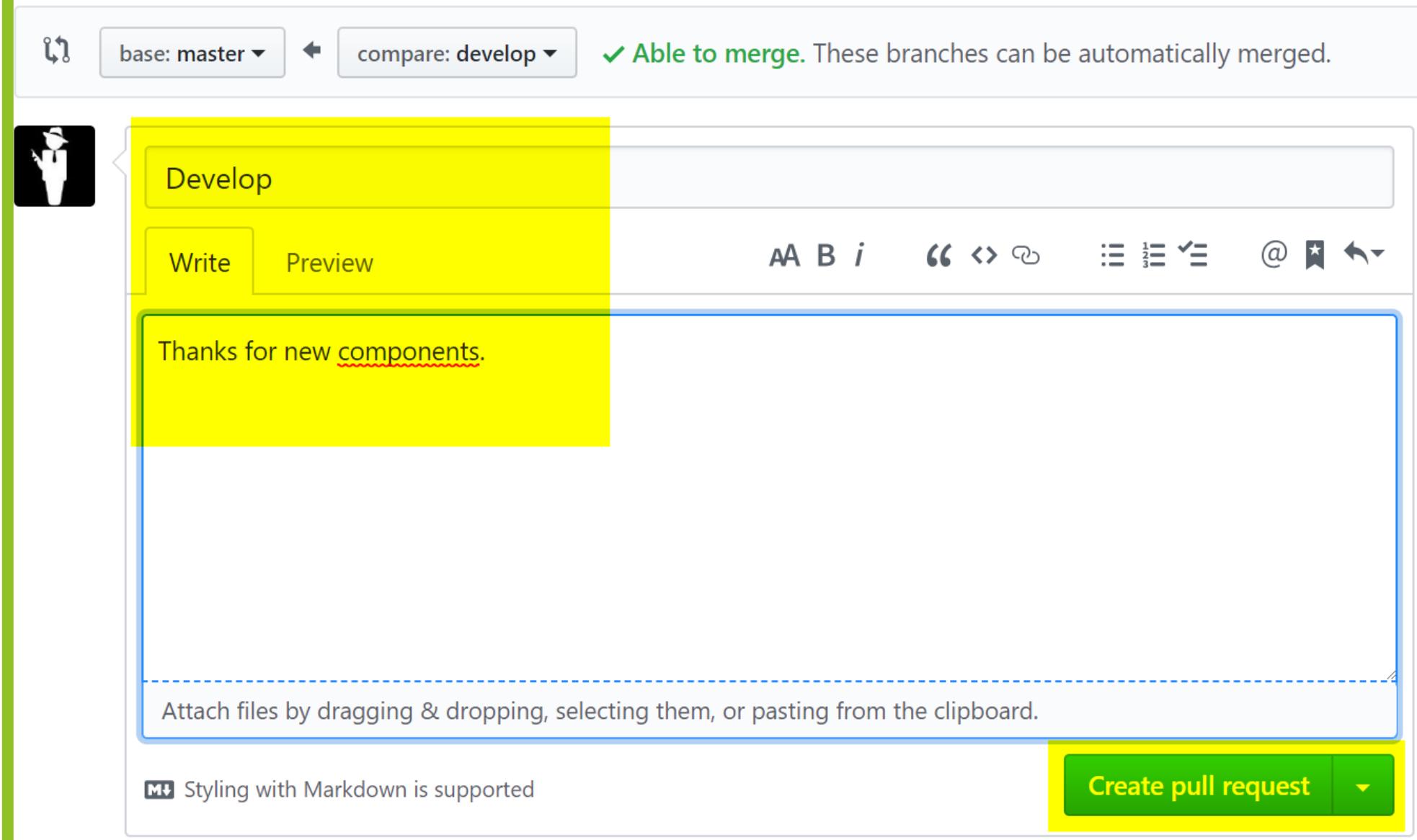
Understand your project by adding a README.

Add a README



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.



 Open

Develop #1

adamzareba wants to merge 2 commits into [master](#) from [develop](#)



adamzareba commented a minute ago

Owner

+ ...

Thanks for new components.

 Adam Zaręba added some commits 38 minutes ago



Created header script

0d7660f



Created footer script

de8acc0

Add more commits by pushing to the [develop](#) branch on [adamzareba/GitLesson01](#).



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 merge this pull request and delete the develop branch.

Hub Desktop or view [command line instructions](#).

Develop #1

Merged

adamzareba merged 2 commits into master from develop just now

Conversation 0

Commits 2

Checks 0

Files changed 2



adamzareba commented 2 minutes ago

Owner + 😊 ...

Thanks for new components.



Adam Zaręba added some commits 38 minutes ago



Created header script



Created footer script

The pull request automatically added the new commit

0d7660f

de8acc0



adamzareba merged commit fed46cb into master just now

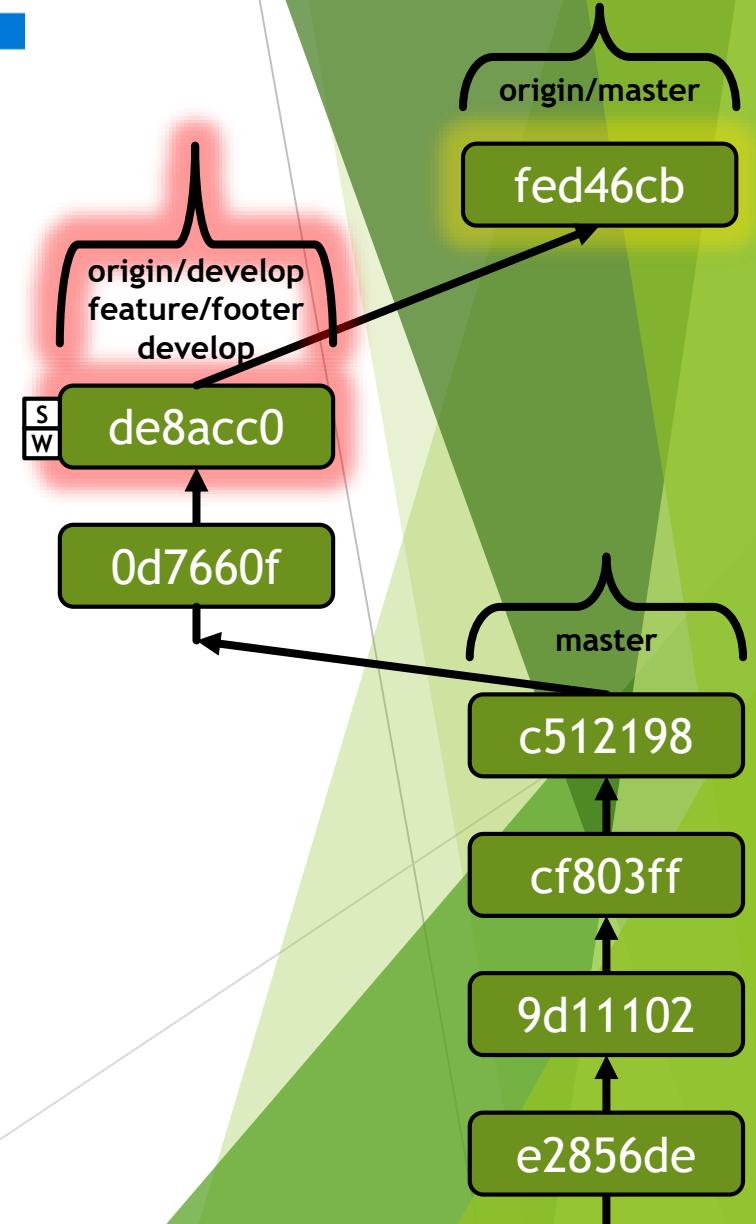
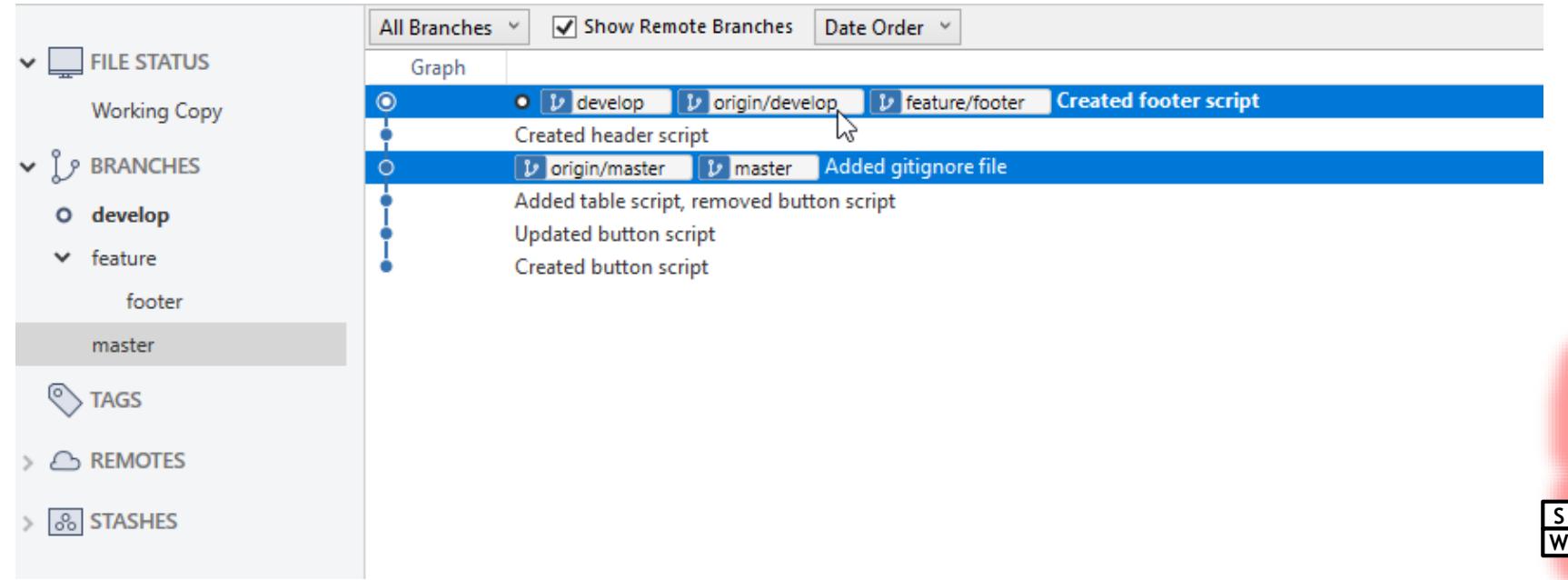
Revert



Pull request successfully merged and closed

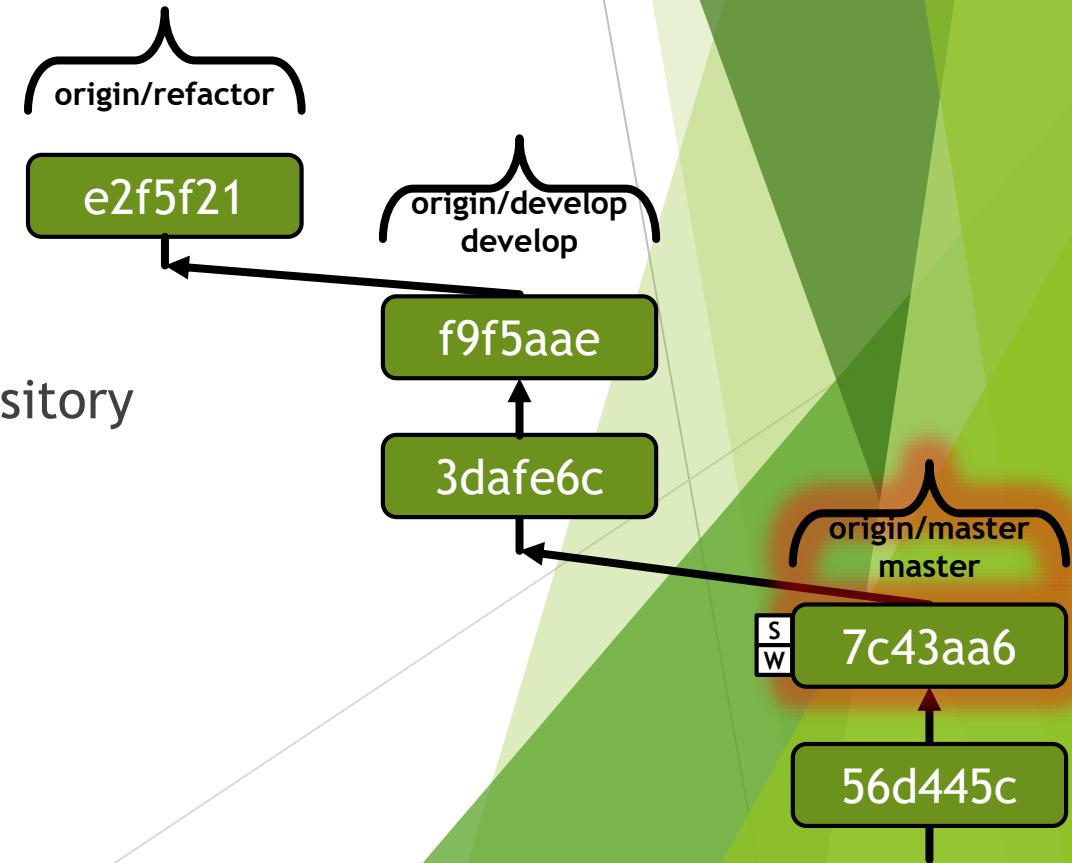
You're all set—the develop branch can be safely deleted.

Delete branch



Exercise 1

- ▶ fork <https://github.com/adamzareba/GitLesson01FastForward> repository and **clone** it to local disk
- ▶ check content of refactor and develop branches
- ▶ **merge** locally refactor into develop
- ▶ check merge output and test files
- ▶ **push develop changes** into remote repository
- ▶ create a pull request and merge develop into master
- ▶ create a pull request to merge master into source repository



Update repository
from remote
repository

git pull

Code

Issues 0

Pull requests 0

Projects 0

Wiki

Insights

Settings

No description, website, or topics provided.

Edit

[Manage topics](#)

7 commits

2 branches

0 releases

0 contributors

Branch: master ▾

New pull request

Create new file

Upload files

Find file

Clone or download ▾

adamzareba Merge pull request #1 from adamzareba/develop ...

Latest commit fed46cb 3 minutes ago

.gitignore

Added gitignore file

2 hours ago

footer.js

Created footer script

28 minutes ago

header.js

Created header script

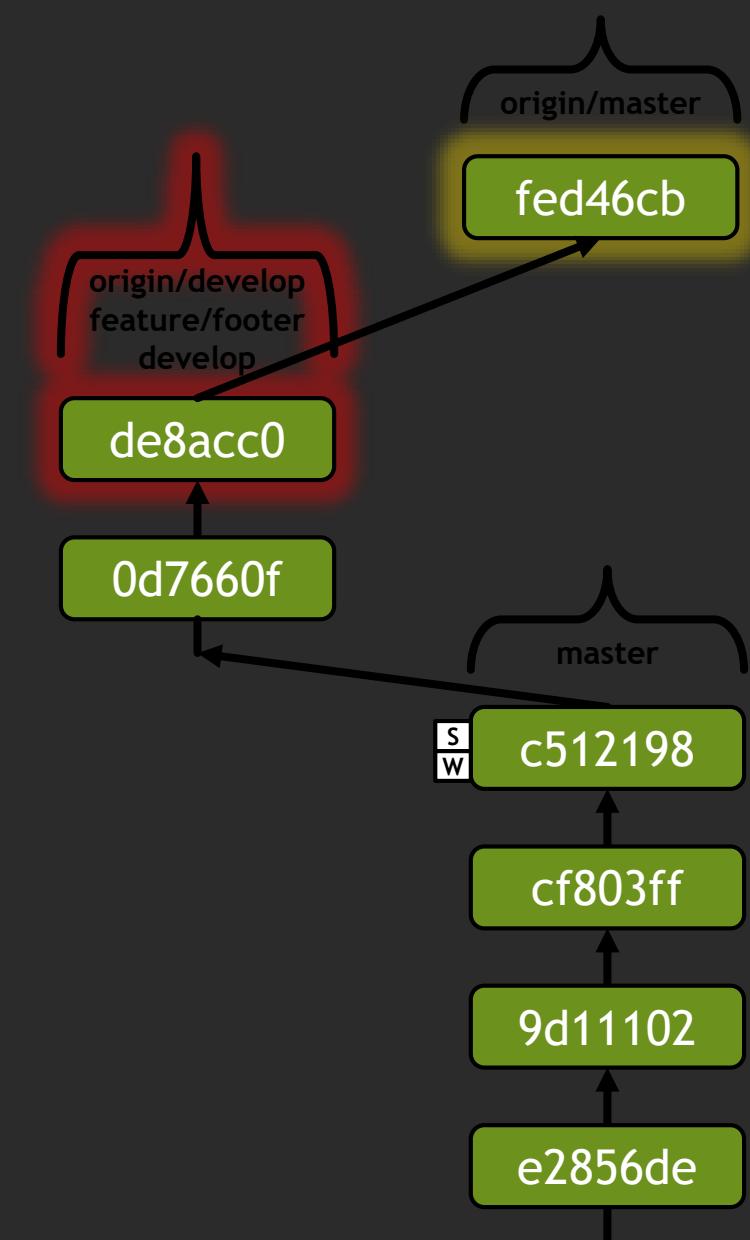
41 minutes ago

table.js

Added table script, removed button script

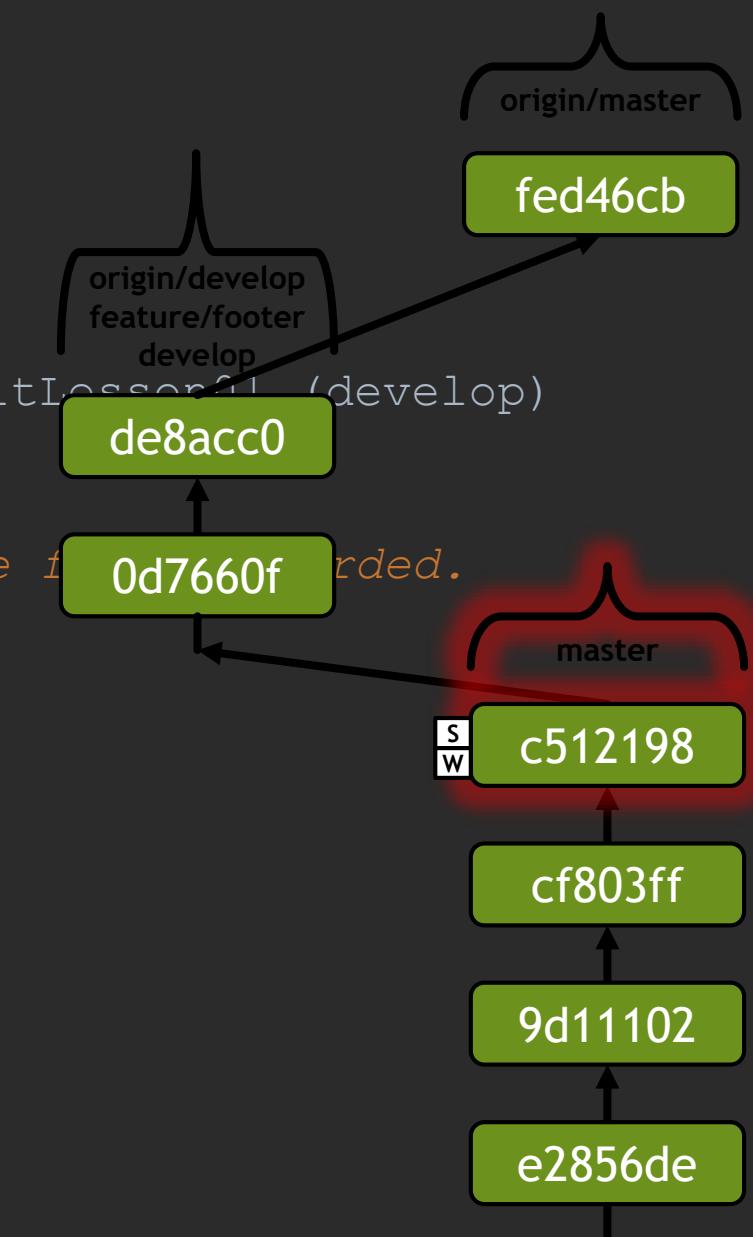
3 hours ago

```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git pull
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (1/1), done.
From https://github.com/adamzareba/GitLesson02
  22410ea..2a1712d  master      -> origin/master
Already up to date.
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git pull
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (1/1), done.
From https://github.com/adamzareba/GitLesson02
     22410ea..2a1712d  master      -> origin/master
Already up to date.
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git checkout master
Switched to branch 'master'
Your branch is behind 'origin/master' by 3 commits, and can be fast-forwarded.
  (use "git pull" to update your local branch)
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
```

```
$ git pull
```

```
remote: Enumerating objects: 1, done.
```

```
remote: Counting objects: 100% (1/1), done.
```

```
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
```

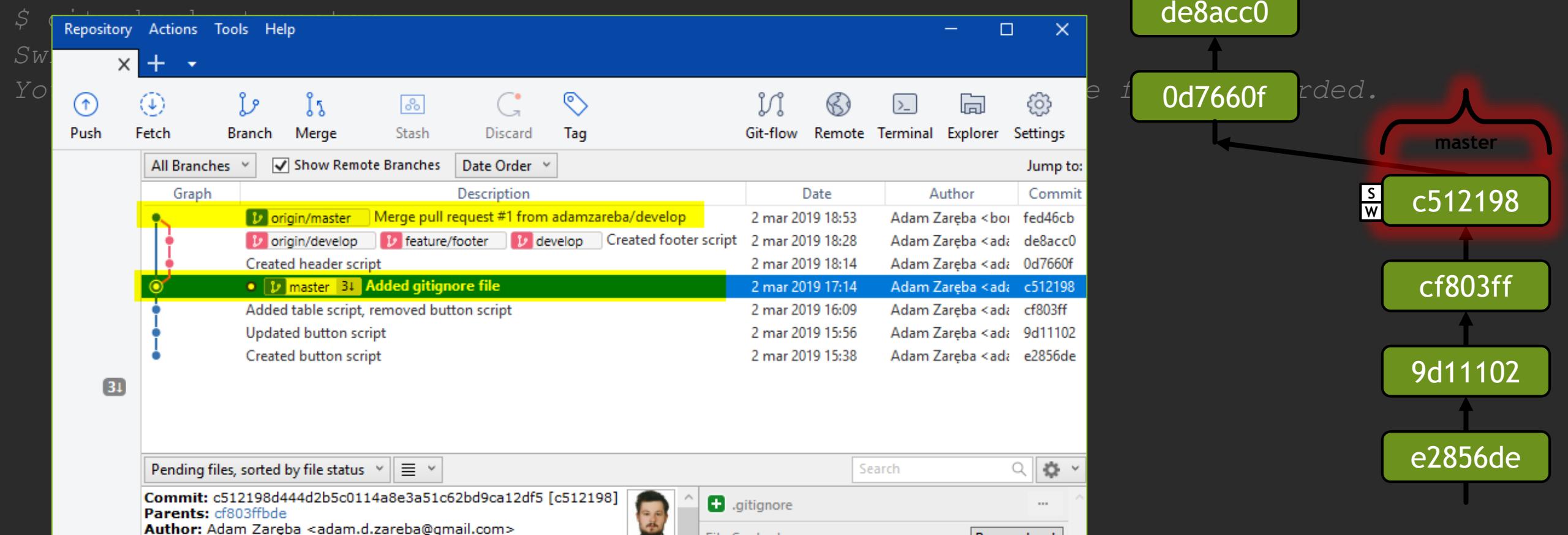
```
Unpacking objects: 100% (1/1), done.
```

```
From https://github.com/adamzareba/GitLesson02
```

```
 22410ea..2a1712d master      -> origin/master
```

```
Already up to date.
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/worksaces/trainings/GitLesson01 (master)
```

```
$ git pull
```

```
Updating c512198..fed46cb
```

```
Fast-forward
```

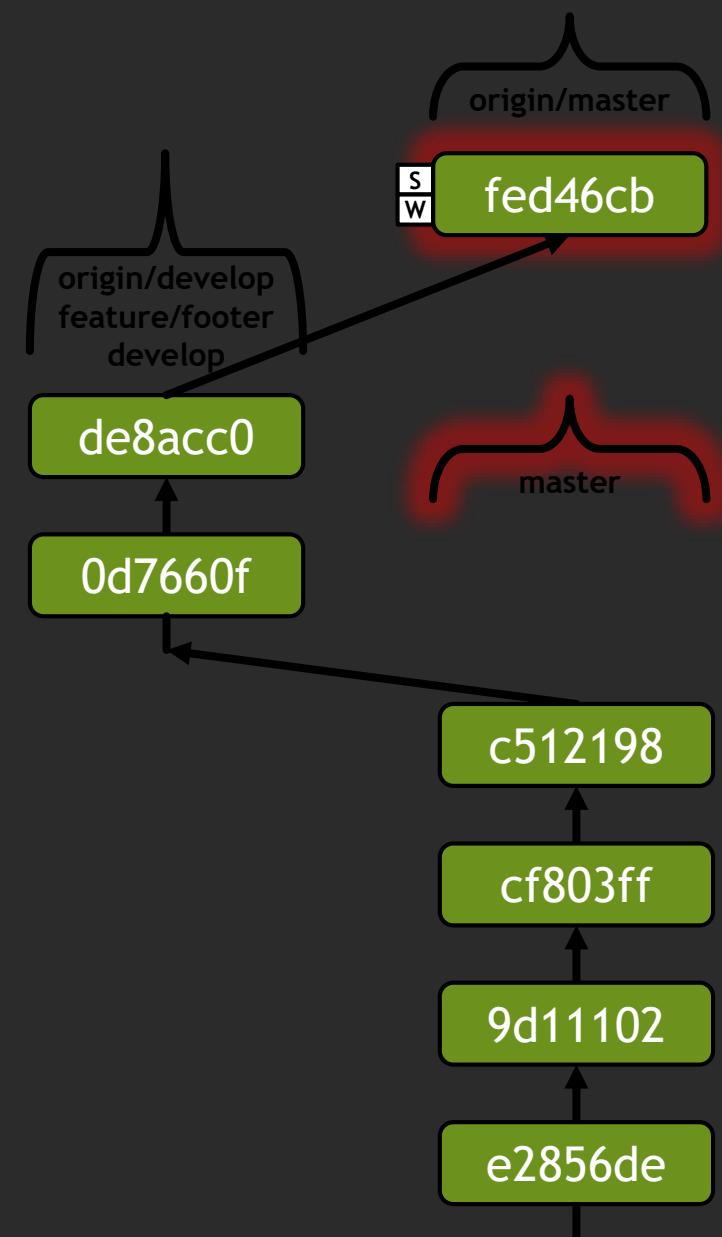
```
  footer.js | 1 +
```

```
  header.js | 1 +
```

```
2 files changed, 2 insertions(+)
```

```
create mode 100644 footer.js
```

```
create mode 100644 header.js
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/worksaces/trainings/GitLesson01 (master)
```

```
$ git pull
```

```
Updating c512198..fed46cb
```

```
Fast-forward
```

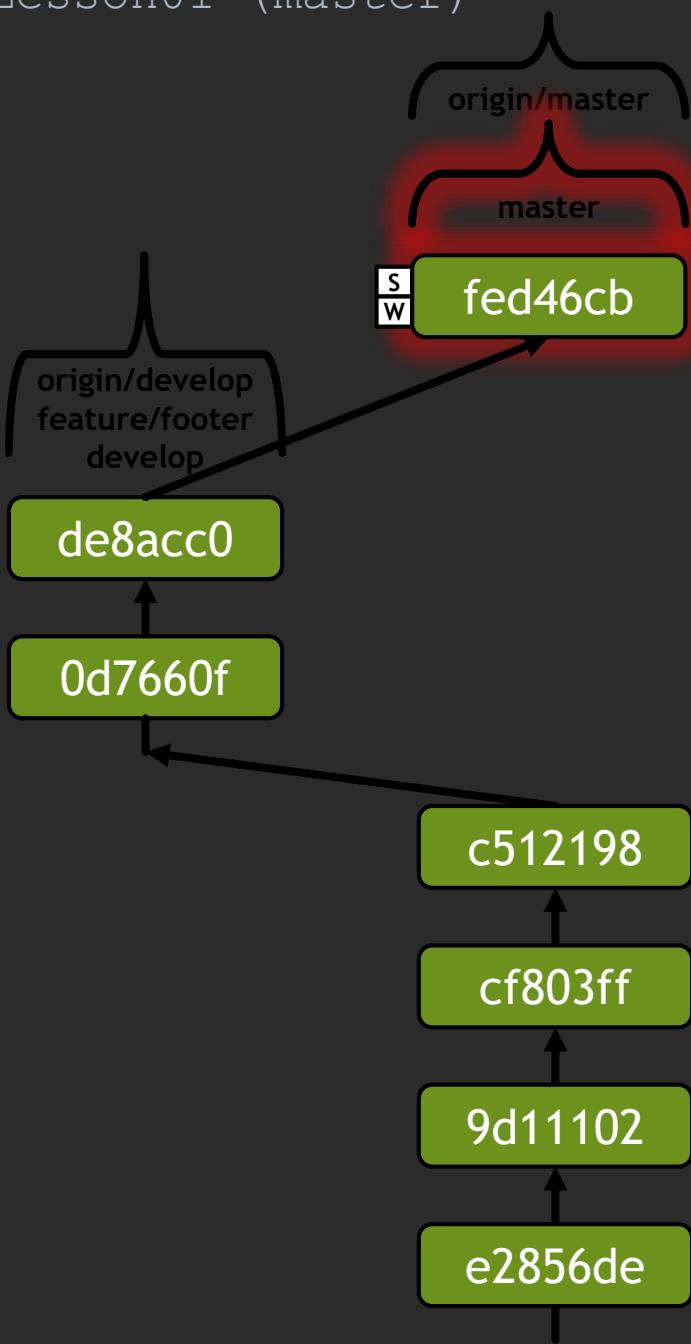
```
  footer.js | 1 +
```

```
  header.js | 1 +
```

```
2 files changed, 2 insertions(+)
```

```
create mode 100644 footer.js
```

```
create mode 100644 header.js
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/worksaces/trainings/GitLesson01 (master)
```

```
$ git pull
```

```
Updating c512198..fed46cb
```

```
Fast-forward
```

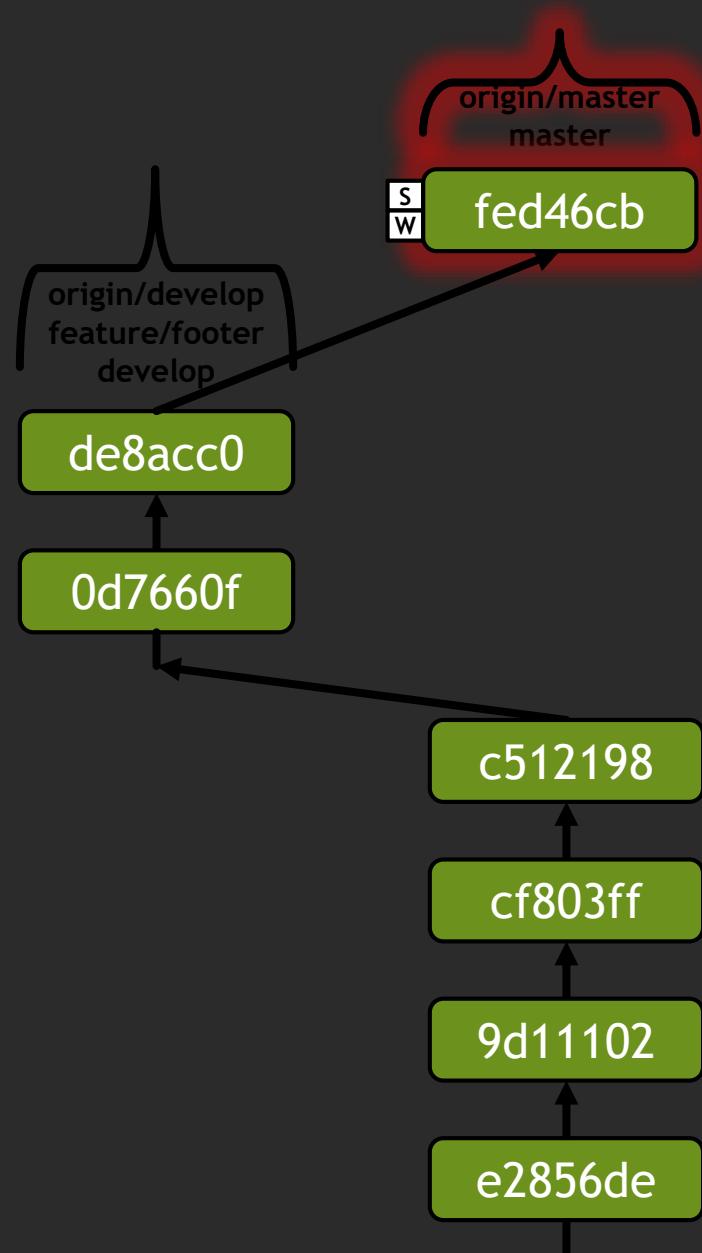
```
  footer.js | 1 +
```

```
  header.js | 1 +
```

```
2 files changed, 2 insertions(+)
```

```
create mode 100644 footer.js
```

```
create mode 100644 header.js
```



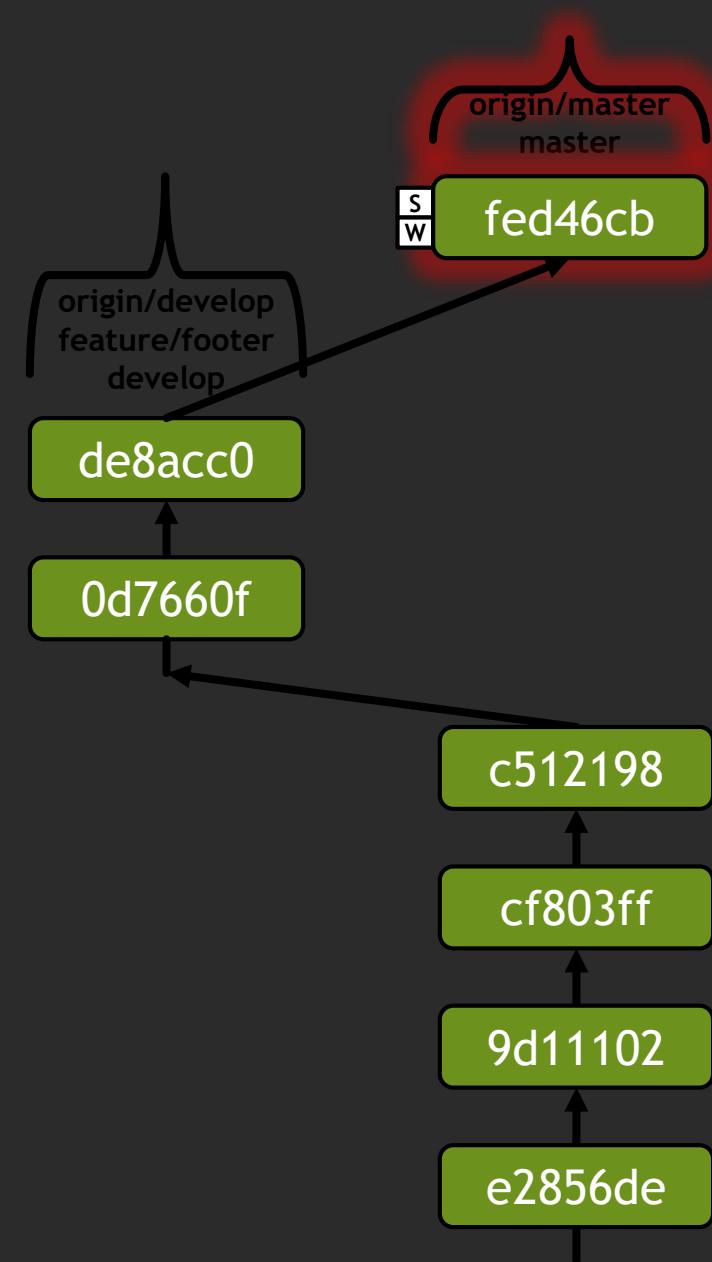
```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/worksaces/trainings/GitLesson01 (master)
```

```
$ git pull
```

Updating c512198..fed46cb

Fast-forward

```
footer.js | 1 +
header.js | 1 +
2 files changed, 2 insertions(+)
create mode 100644 footer.js
create mode 100644 header.js
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/worksaces/trainings/GitLesson01 (master)
```

```
$ git pull
```

```
Updating c512198..fed46cb
```

```
Fast-forward
```

```
footer.js | 1 +
```

```
header.js | 1 +
```

```
2 files changed, 2 insertions(+)
```

```
create mode 100644 footer.js
```

```
create mode 100644 header.js
```

The screenshot shows the GitKraken application interface. The main window title is "GitLesson01". The top menu bar includes File, Edit, View, Repository, Actions, Tools, and Help. Below the menu is a toolbar with icons for Commit, Pull, Push, Fetch, Branch, Merge, Stash, Discard, Tag, Git-flow, Remote, Terminal, Explorer, and Settings. On the left side, there is a sidebar with sections for FILE STATUS (Working Copy), BRANCHES (develop, feature, footer, master), TAGS, REMOTES, and STASHES. The central area displays a commit history table with columns for Graph, Description, Date, Author, and Commit. The table shows several commits, with the last one being a merge commit: "Merge pull request #1 from adamzare". The commit details pane at the bottom shows the commit hash (fed46cb), parents (c512198d44, de8acc0f69), author (Adam Zaręba <bontade88@gmail.com>), date (sobota, 2 marca 2019 18:53:22), and committer (GitHub). The file contents pane shows the content of footer.js: "+ console.log("This footer is the best")".

Graph	Description	Date	Author	Commit
master	Merge pull request #1 from adamzare	2 mar 2019 18:53	Adam Zaręba <boi	fed46cb
origin/master				
origin/develop				
feature/footer				
develop	Created header script	2 mar 2019 18:28	Adam Zaręba <ada	de8acc0
	Added gitignore file	2 mar 2019 18:14	Adam Zaręba <ada	0d7660f
	Added table script, removed button script	2 mar 2019 17:14	Adam Zaręba <ada	c512198
	Updated button script	2 mar 2019 16:09	Adam Zaręba <ada	cf803ff
	Created button script	2 mar 2019 15:56	Adam Zaręba <ada	9d11102
		2 mar 2019 15:38	Adam Zaręba <ada	e2856de

Commit: fed46cb27cb94d1616928a9a2250ded7bafaea28 [fed46cb]
Parents: c512198d44, de8acc0f69
Author: Adam Zaręba <bontade88@gmail.com>
Date: sobota, 2 marca 2019 18:53:22
Committer: GitHub

+ footer.js

File Contents

+ console.log("This footer is the best")

Auto-merging
(recursive strategy)

git merge

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git branch -d feature/footer
Deleted branch feature/footer (was de8acc0).
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git checkout develop
Switched to a new branch 'develop'
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ echo 'console.log("This is two columns table component. Hope it will be the best
component");' > twoColumnsTable.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git add --all & git commit -m "Created twoColumnsTable script"
[1] 17096
[develop 7793647] Created twoColumnsTable script
 1 file changed, 1 insertion(+)
 create mode 100644 twoColumnsTable.js
[1]+ Done                  git add --all
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git branch -d feature/footer
Deleted branch feature/footer (was de8acc0).
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git checkout develop
Switched to a new branch 'develop'
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ echo 'console.log("This is two columns table component. Hope it will be the best component");' > twoColumnsTable.js
```

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git add --all & git commit -m "Created twoColumnsTable script"
```

```
[1] 17096
```

```
[develop 7792647] Created twoColumnsTable script
```

```
twoColumnsTable.js x
1 file changed
create mode 100644 twoColumnsTable.js
[1]+ Done
```

```
1 console.log("This is two columns table component. Hope it will be the best component");
2
3 console.log("1st comment to this component");
4
5
6
7
8
9
10
11
12
13
14
```

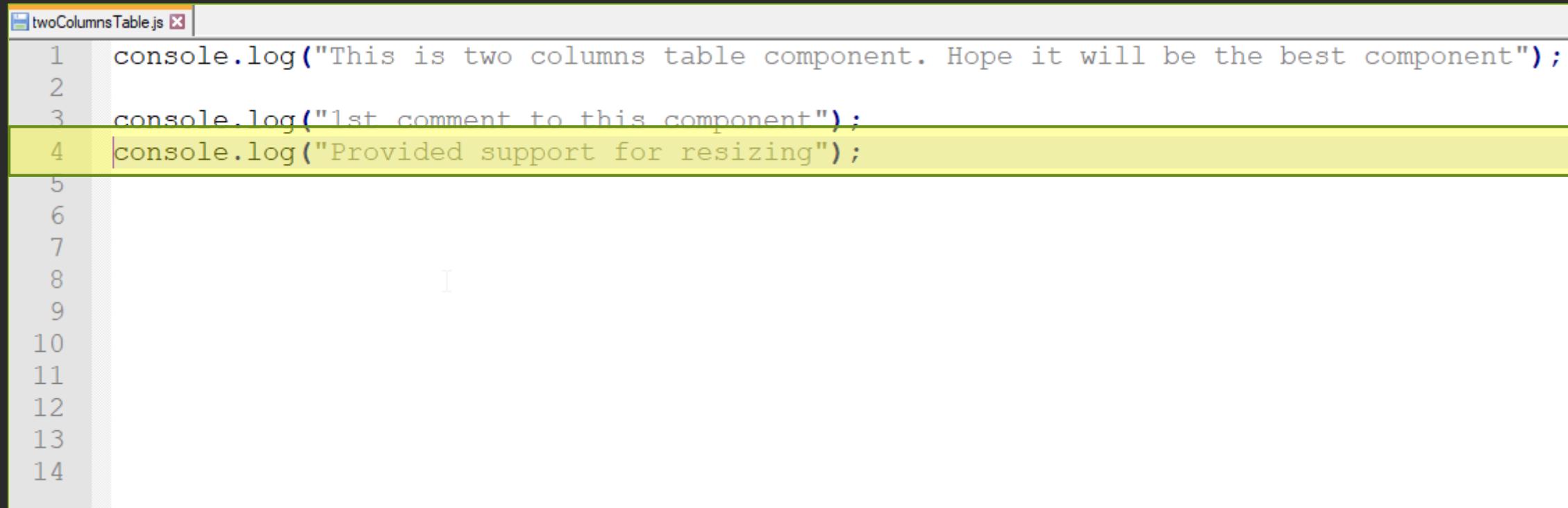
```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git branch -d feature/footer
Deleted branch feature/footer (was de8acc0).
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git checkout develop
Switched to a new branch 'develop'
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ echo 'console.log("This is two columns table component. This will be the best component");' > twoColumnsTable.js
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git add --all & git commit -m "Created twoColumnsTable script"
[1] 17096
[develop 7793647] Created twoColumnsTable script
 1 file changed, 1 insertion(+)
 create mode 100644 twoColumnsTable.js
[1]+ Done                  git add --all
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git add --all & git commit -m "Added first comment"
[1] 16972
[develop e1d2944] Added first comment
 1 file changed, 12 insertions(+)
[1]+ Done                  git add --all
```

```
s e1d2944
w
7793647
de8acc0
0d7660f
c512198
cf803ff
9d11102
e2856de
```

```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
```

```
$ git checkout -b feature/tableResizer
```

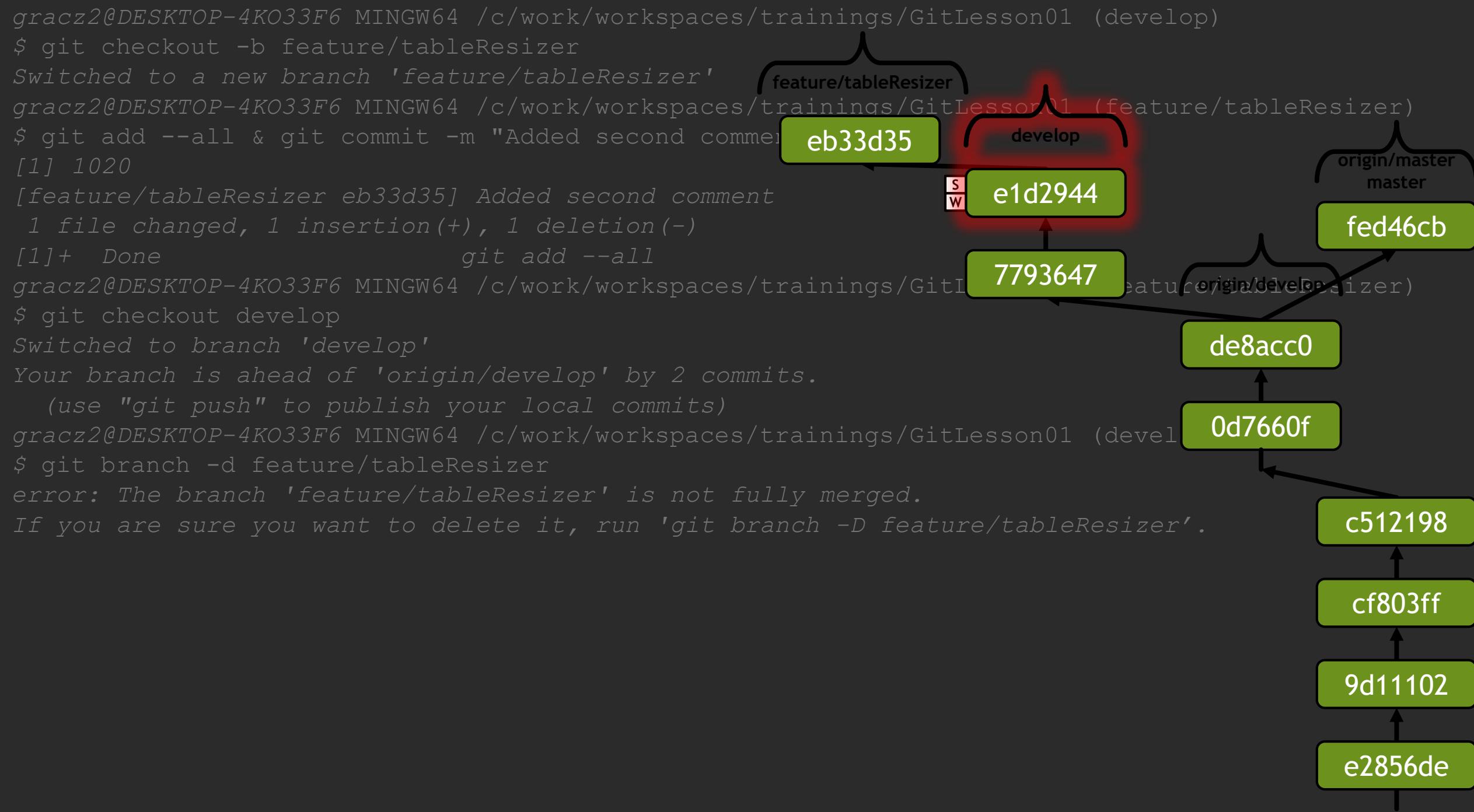
```
Switched to a new branch 'feature/tableResizer'
```



A screenshot of a code editor window titled "twoColumnsTable.js". The code is a simple JavaScript file with the following content:

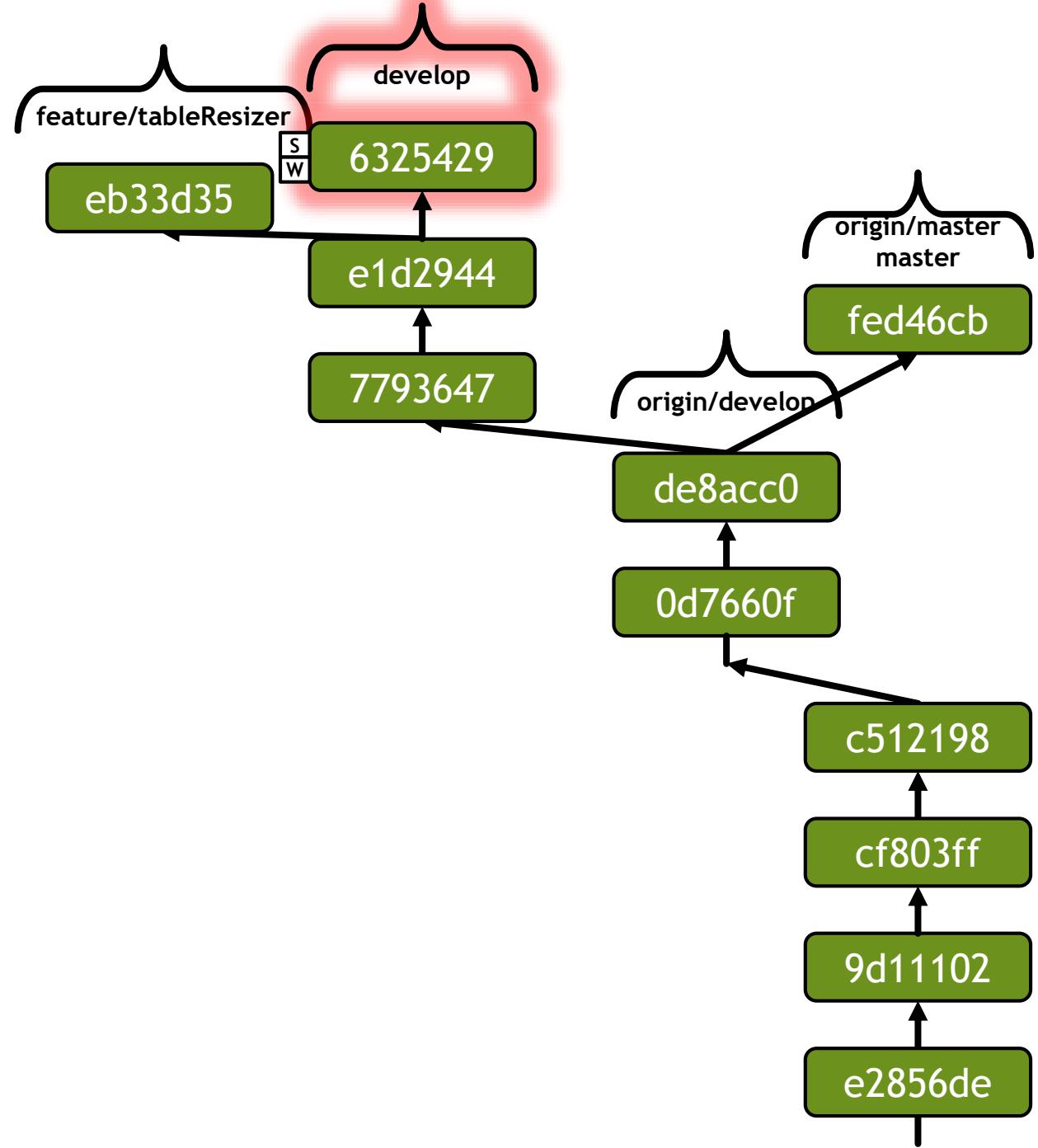
```
1 console.log("This is two columns table component. Hope it will be the best component");
2
3 console.log("1st comment to this component");
4 console.log("Provided support for resizing");
5
6
7
8
9
10
11
12
13
14
```

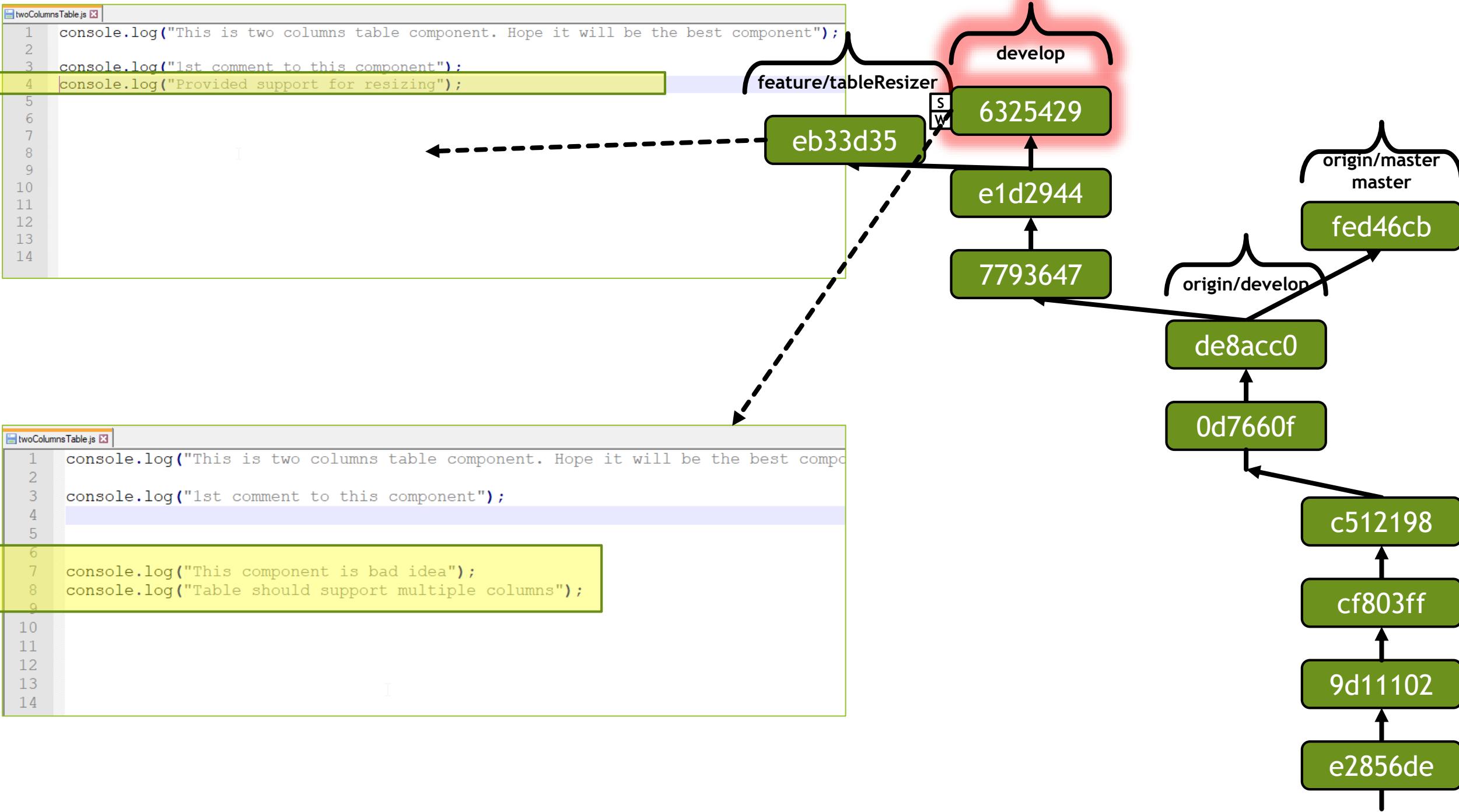
The code editor has syntax highlighting, with "console.log" in blue and the log messages in green. Lines 1, 2, and 3 are standard text, while line 4 is highlighted with a yellow background. A cursor is visible at the end of line 4.



```
twoColumnsTable.js x
1 console.log("This is two columns table component. Hope it will be the best component");
2
3 console.log("1st comment to this component");
4
5
6
7 console.log("This component is bad idea");
8 console.log("Table should support multiple columns");
9
10
11
12
13
14
```

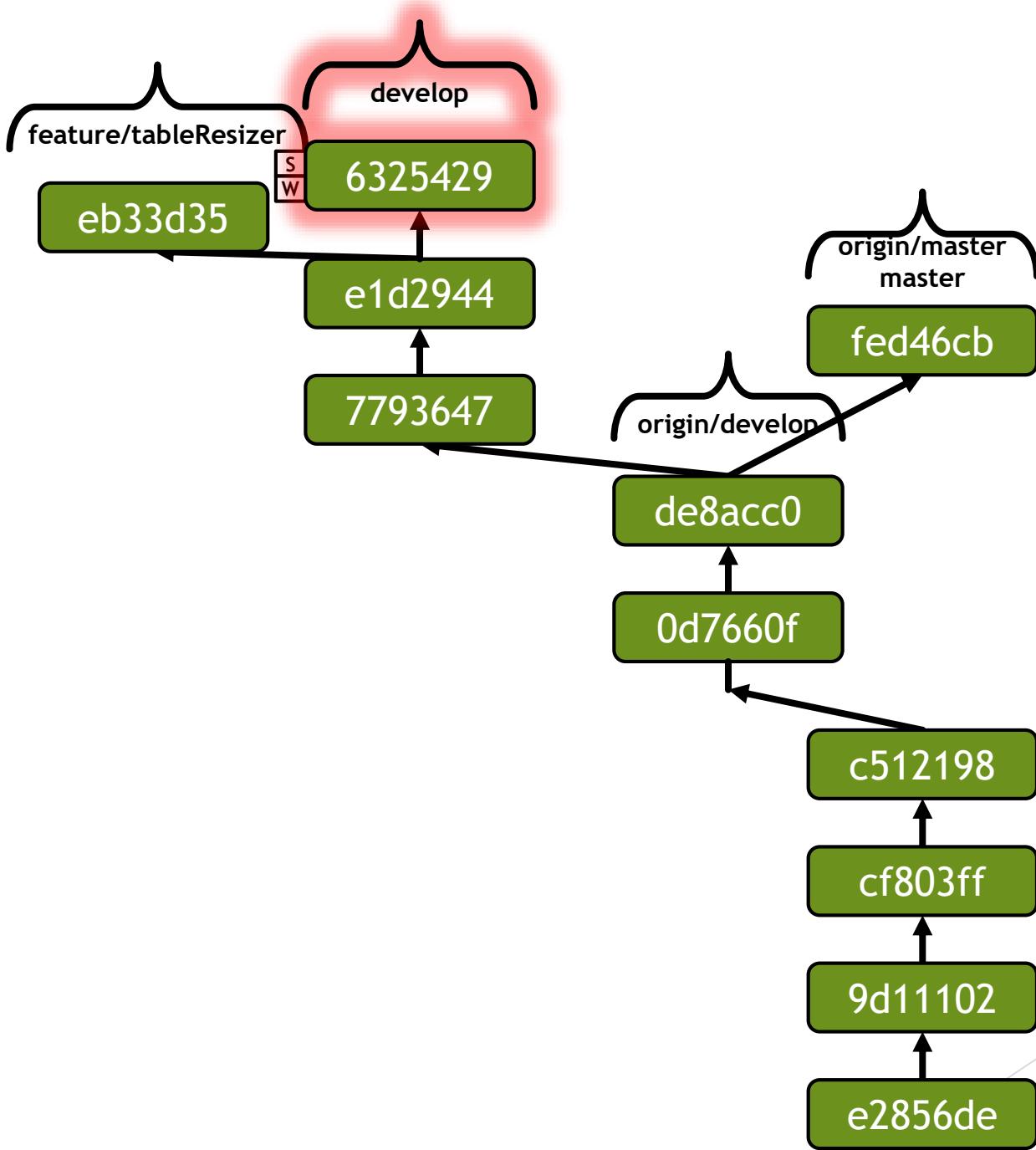
```
gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git add --all & git commit -m "Added third comment"
[1] 4180
[develop 6325429] Added third comment
 1 file changed, 2 insertions(+), 2 deletions(-)
[1]+ Done                  git add --all
```

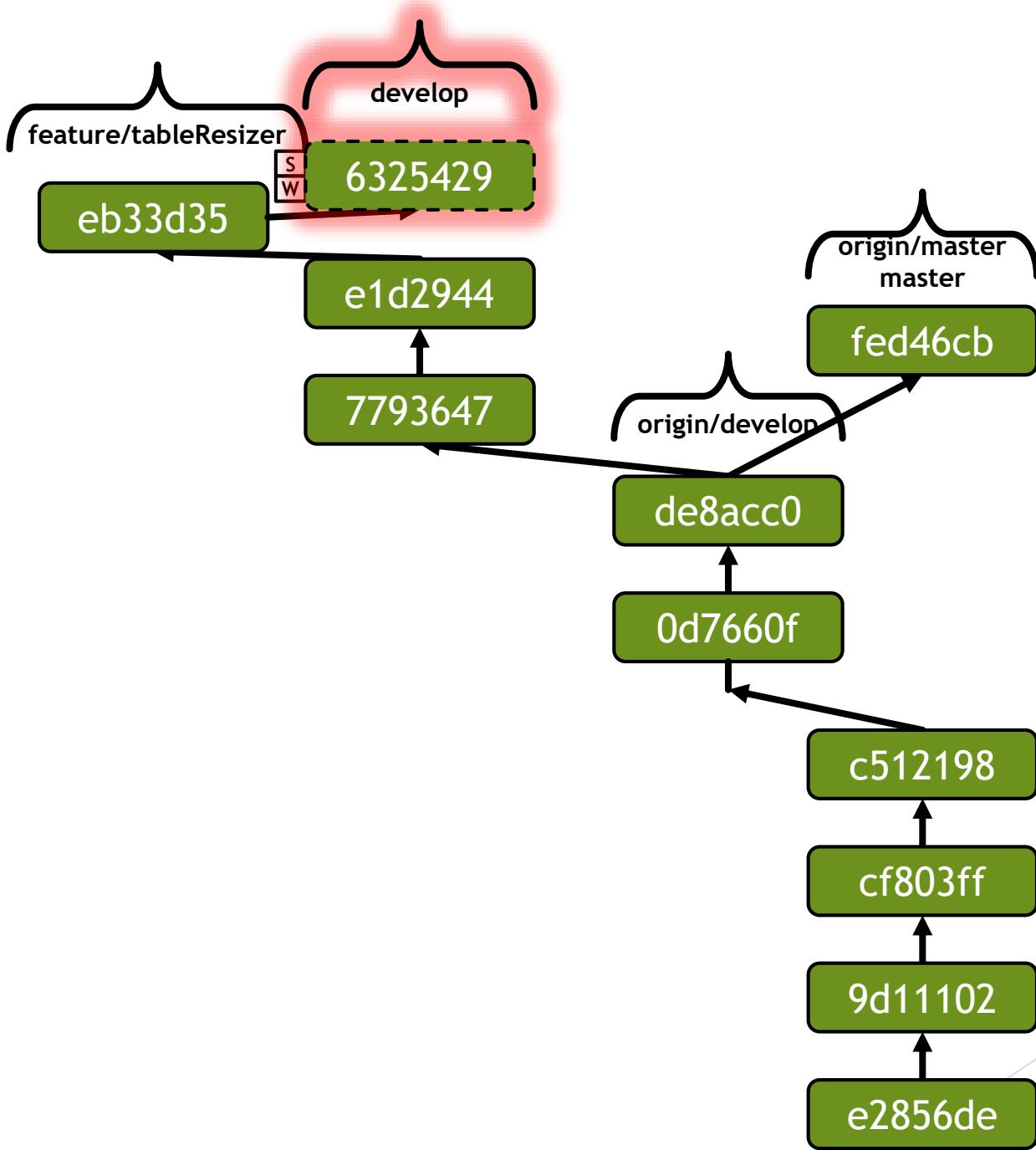


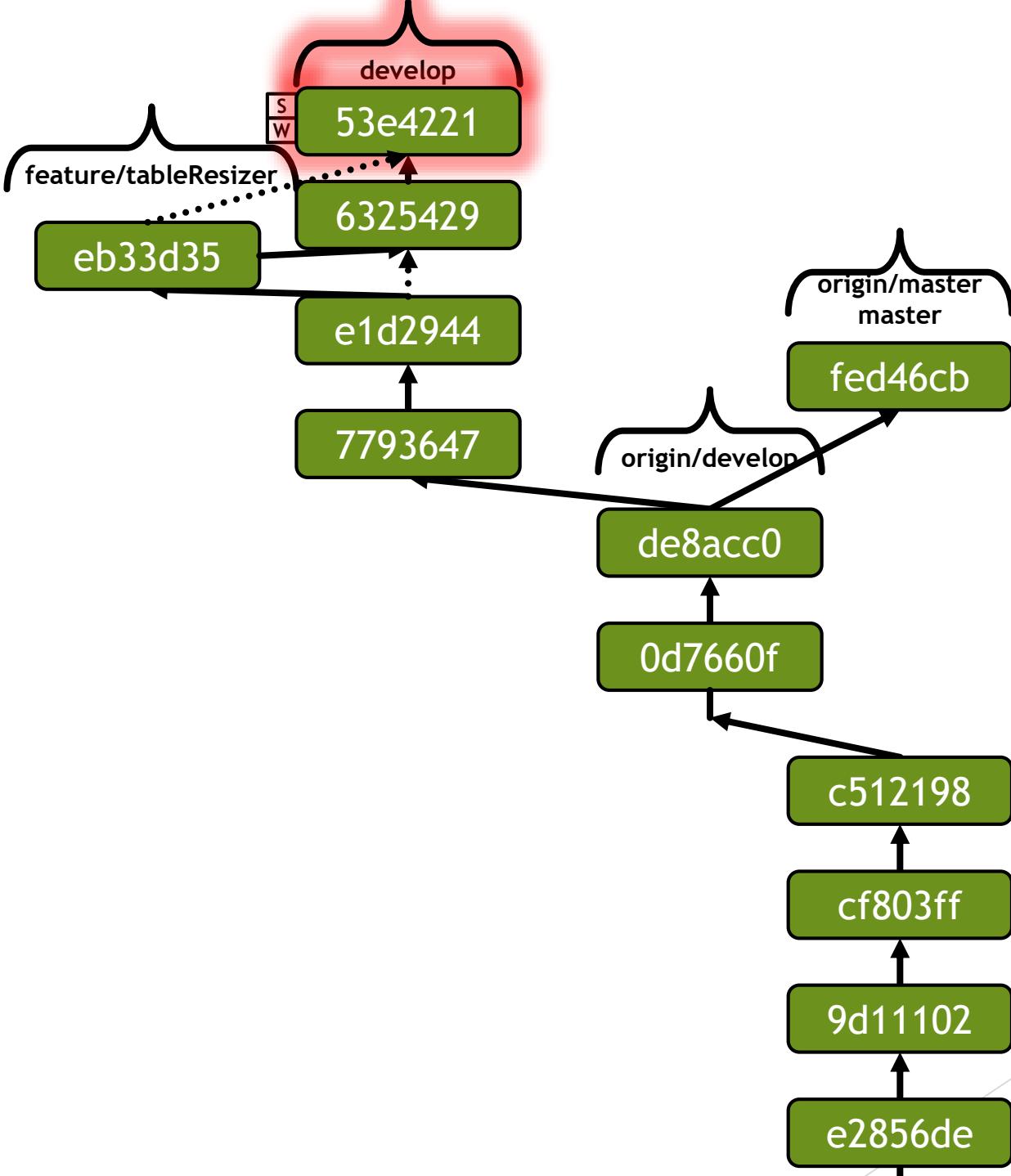


gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
\$ git merge feature/tableResizer

```
1 Merge branch 'feature/tableResizer' into develop
2
3 # Please enter a commit message to explain why this merge is necessary,
4 # especially if it merges an updated upstream into a topic branch.
5 #
6 # Lines starting with '#' will be ignored, and an empty message aborts
7 # the commit.
8
```





```
twoColumnsTable.js X
1 console.log("This is two columns table component. Hope it will be the best component");
2
3 console.log("1st comment to this component");
4 console.log("Provided support for resizing");
5
6
7 console.log("This component is bad idea");
8 console.log("Table should support multiple columns");
9
10
11
12
13
14
```

Exercise 2

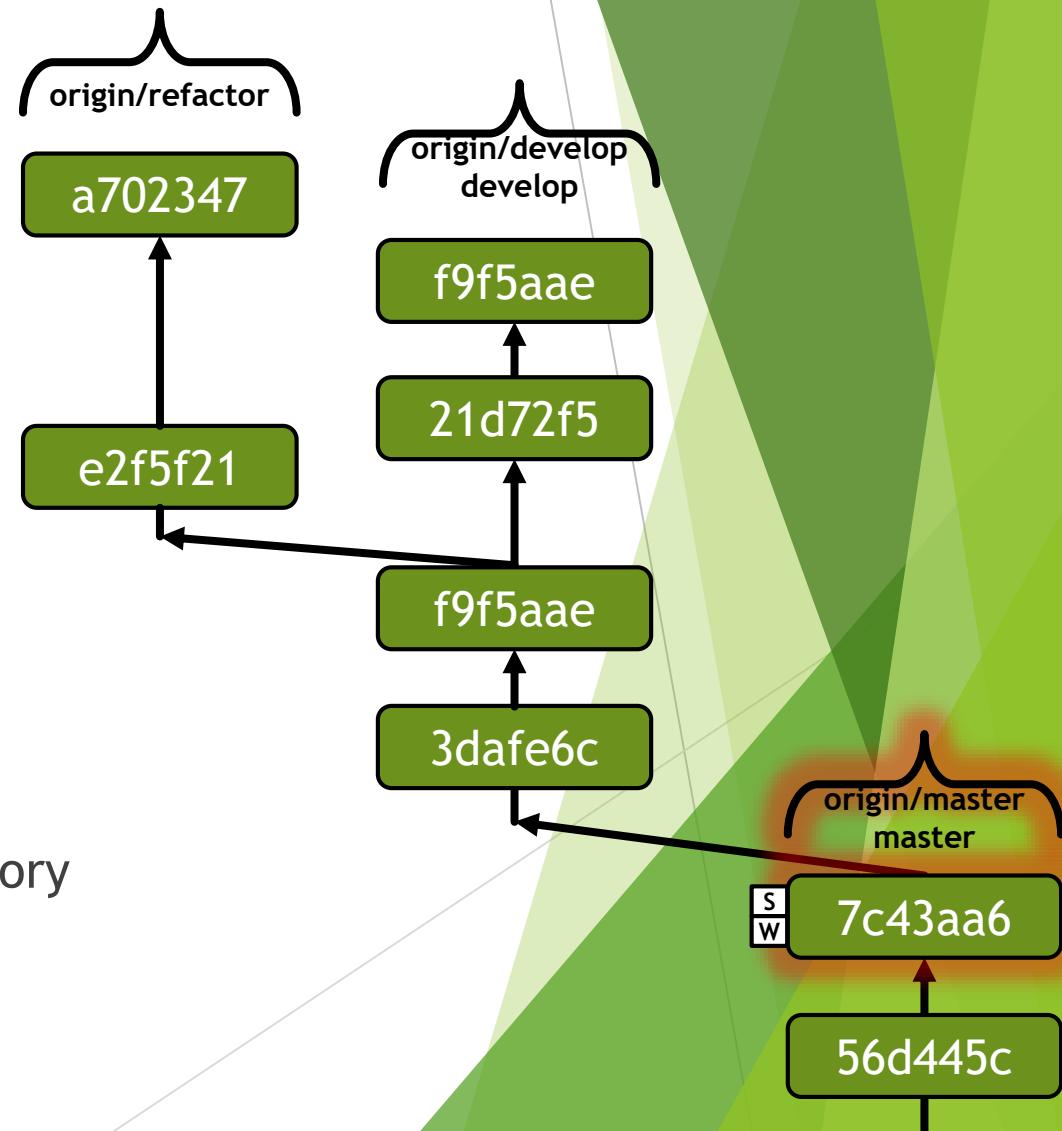


fork

<https://github.com/adamzareba/GitLesson01AutoMerge>

repository and **clone** it to local disk

- ▶ check content of refactor and develop branches
- ▶ **merge** locally refactor into develop
- ▶ check merge output and test files
- ▶ **push** develop changes into remote repository
- ▶ create a pull request and merge develop into master
- ▶ create a pull request to merge master into source repository



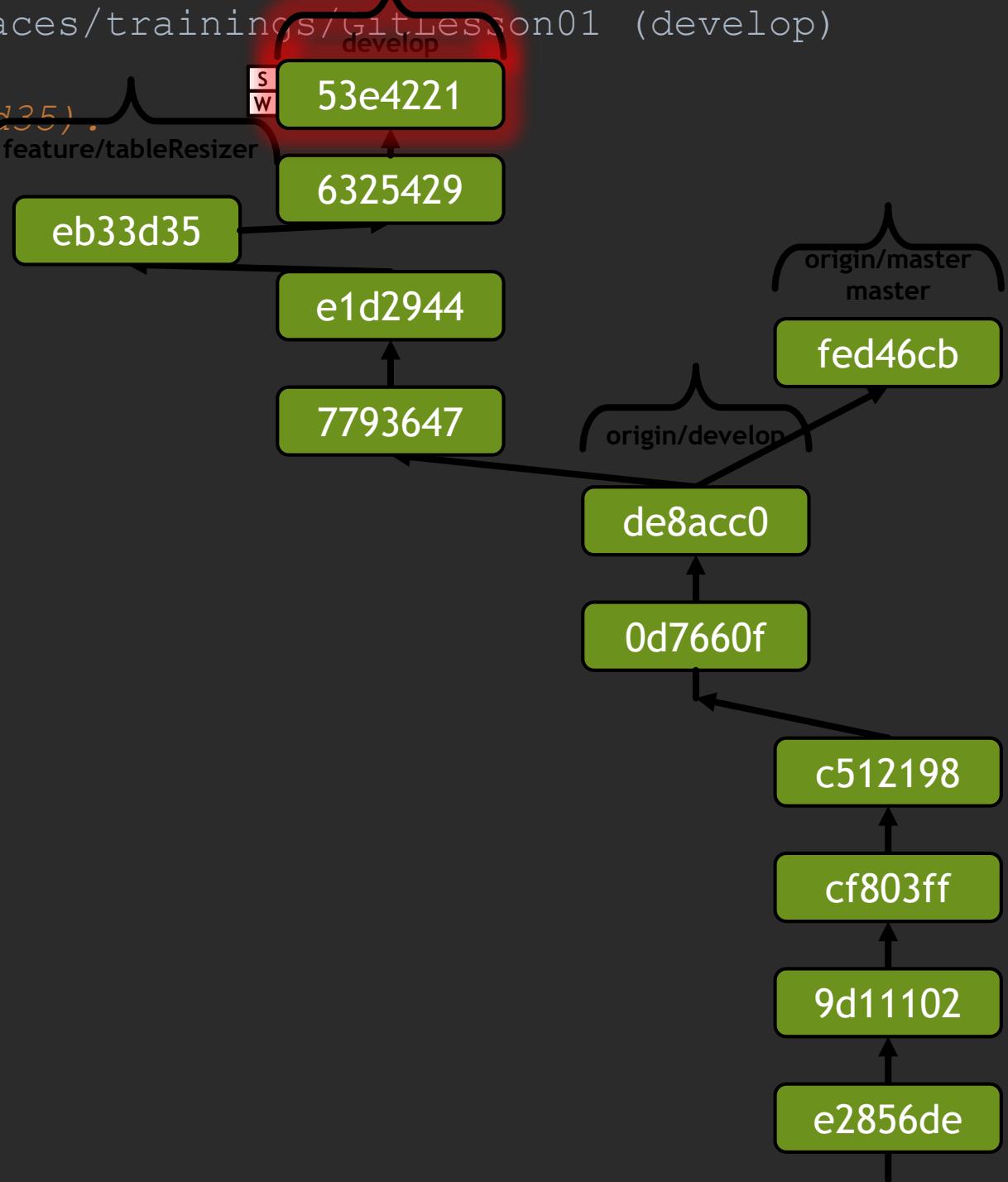
Merging conflicts
solving

git
mergetool

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/gitlesson01 (develop)
```

```
$ git branch -d feature/tableResizer
```

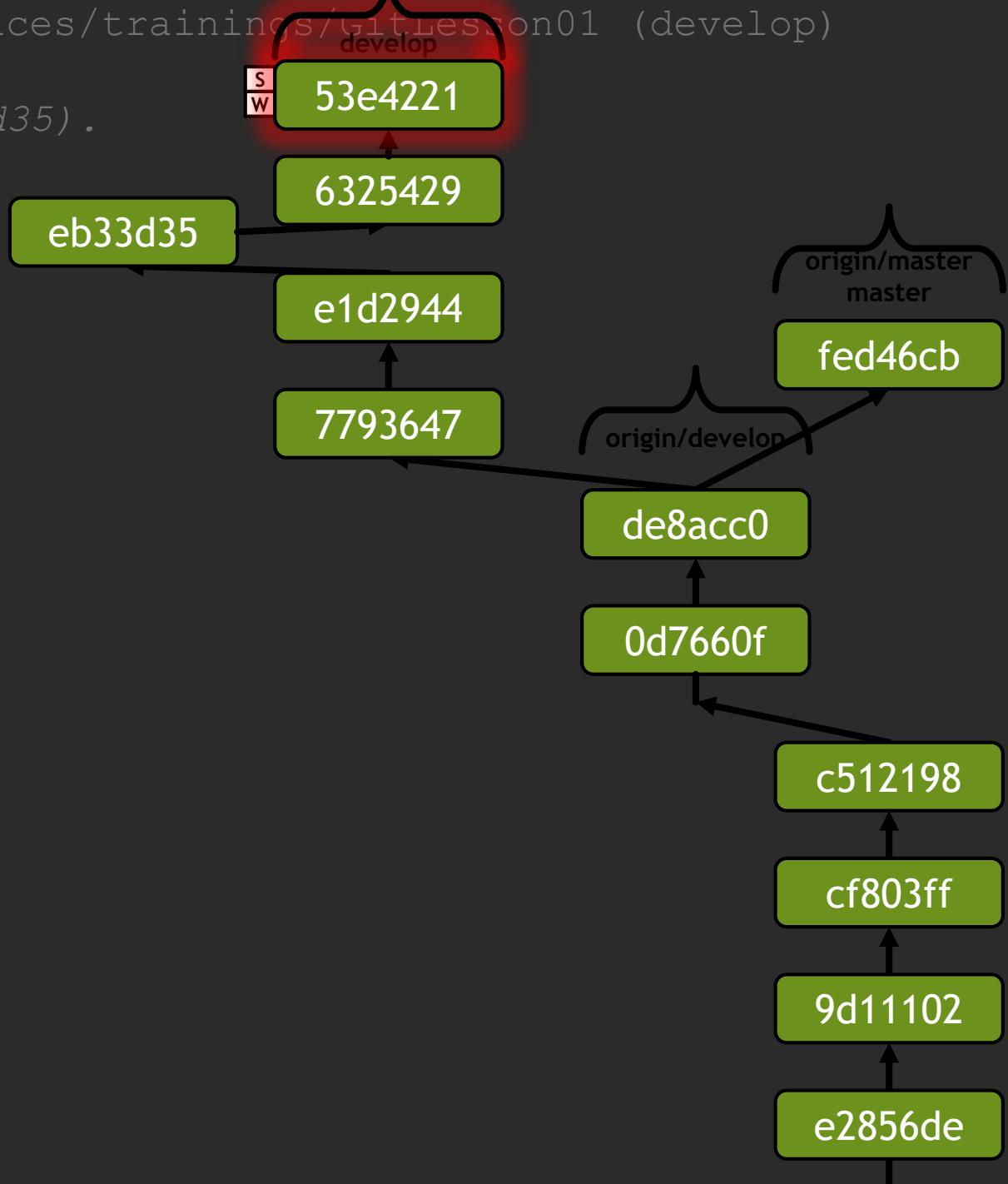
```
Deleted branch feature/tableResizer (was eb33d35).
```

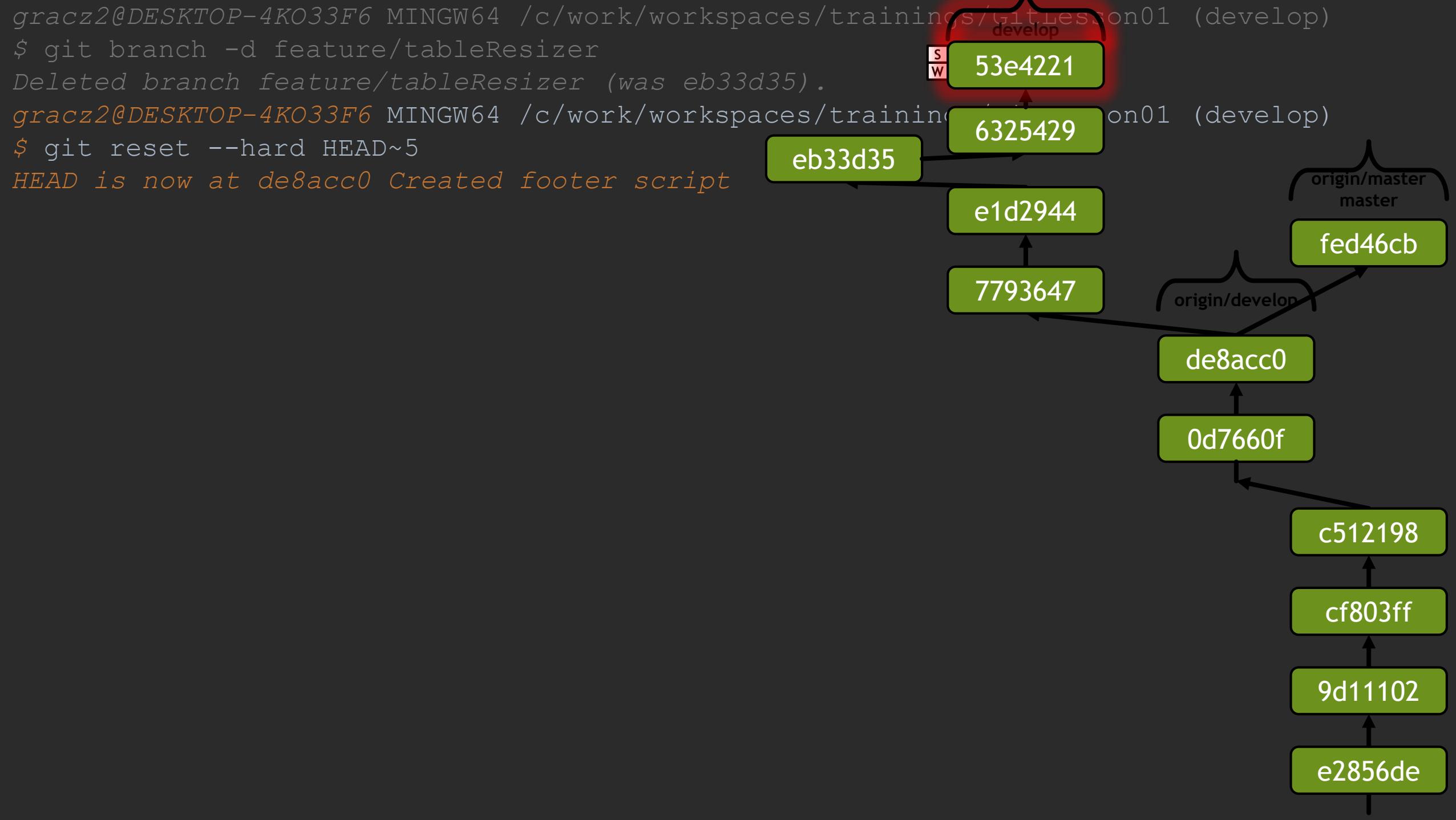


```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/gitLesson01 (develop)
```

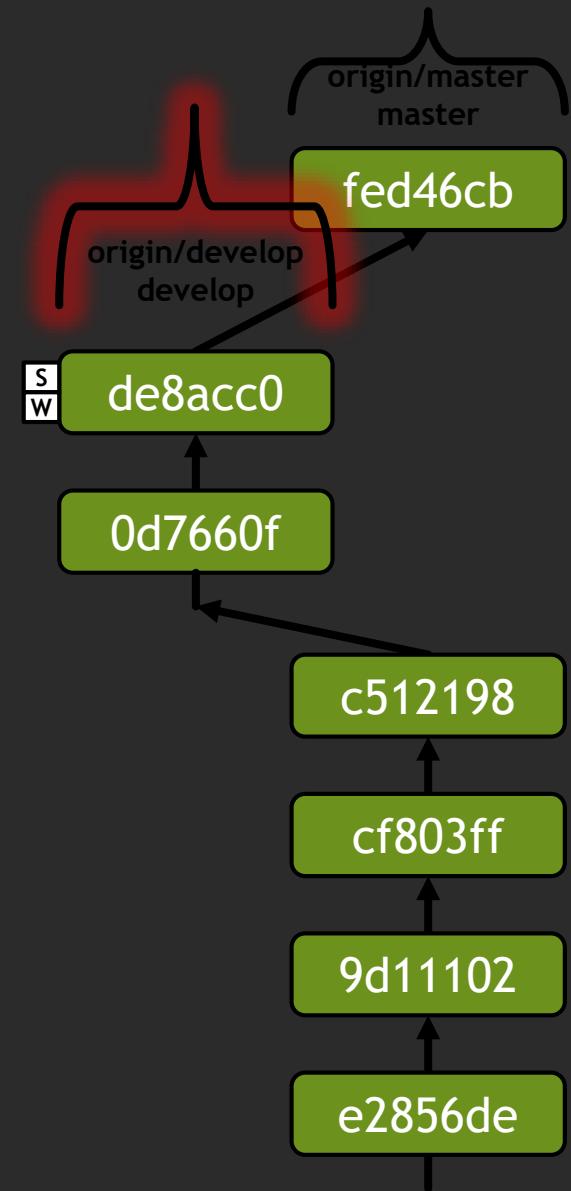
```
$ git branch -d feature/tableResizer
```

```
Deleted branch feature/tableResizer (was eb33d35) .
```

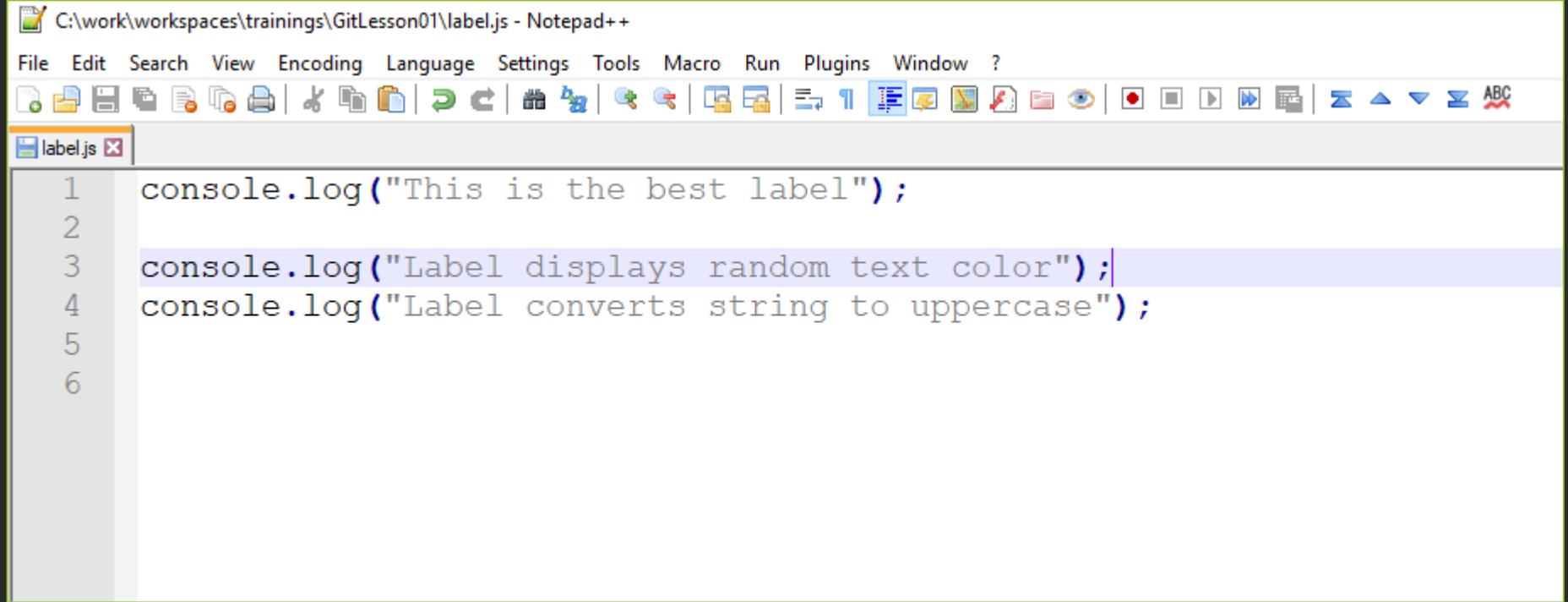




```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git branch -d feature/tableResizer
Deleted branch feature/tableResizer (was eb33d35).
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git reset --hard HEAD~4
HEAD is now at de8acc0 Created footer script
```

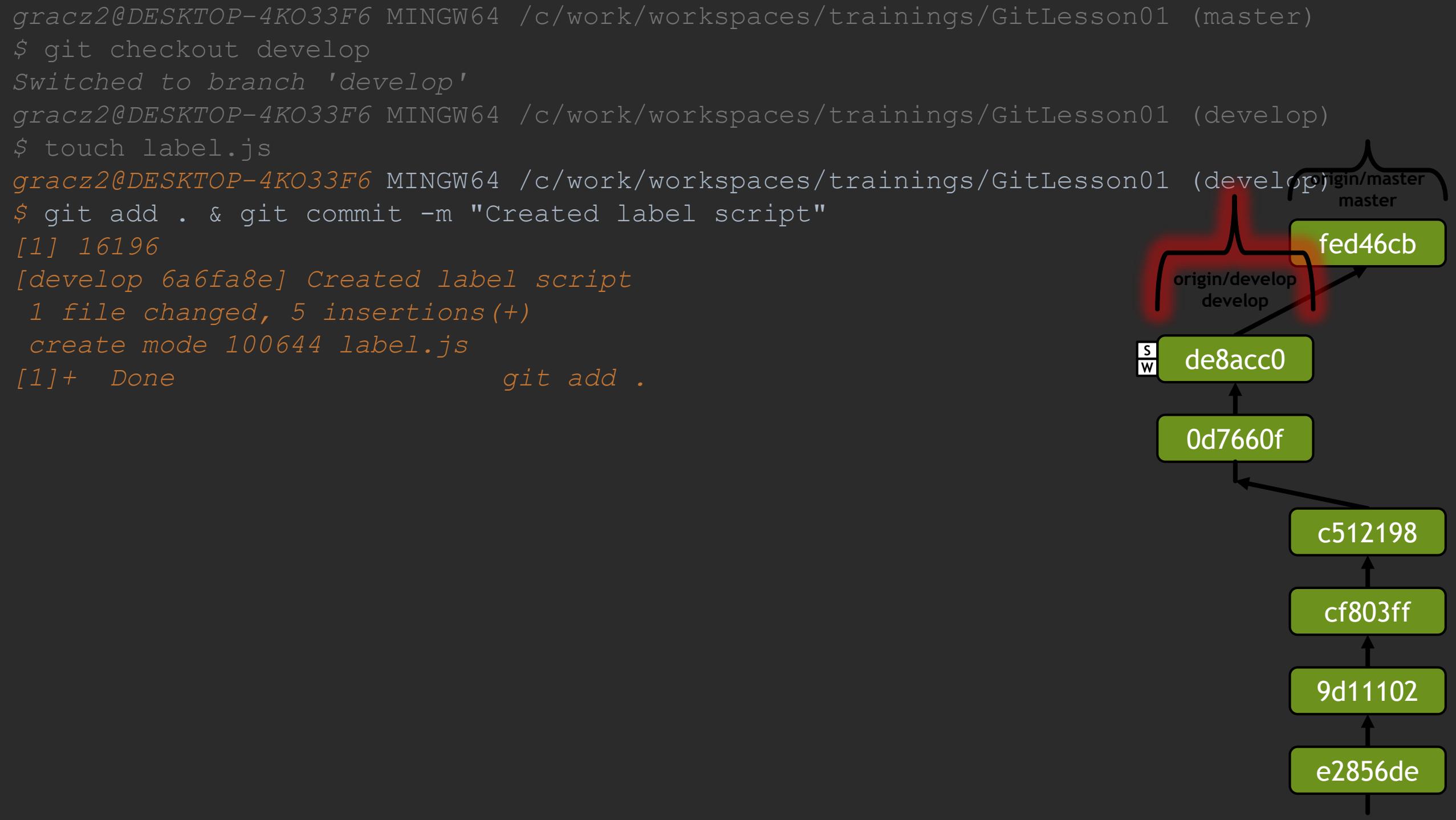


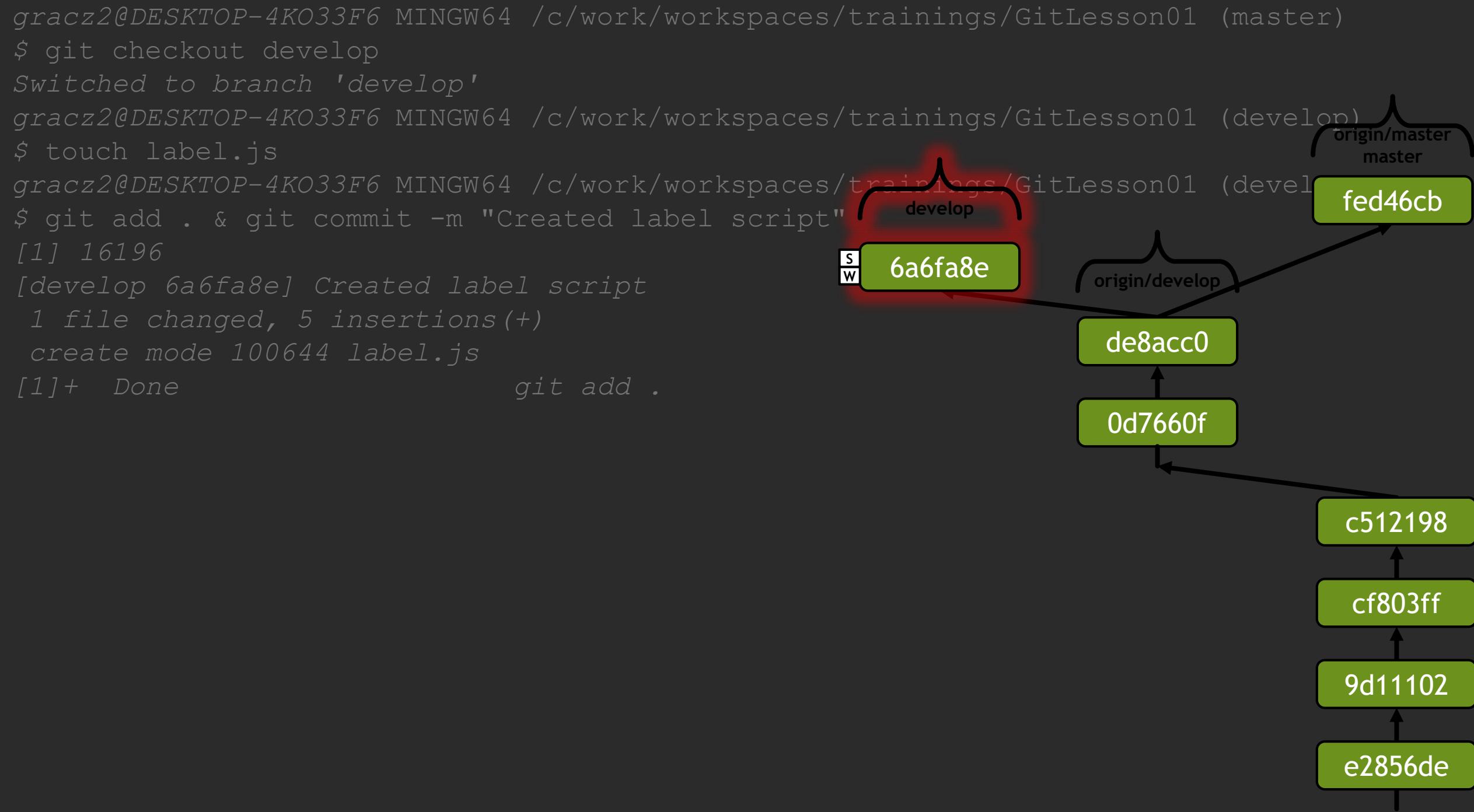
```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (master)
$ git checkout develop
Switched to branch 'develop'
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ touch label.js
```



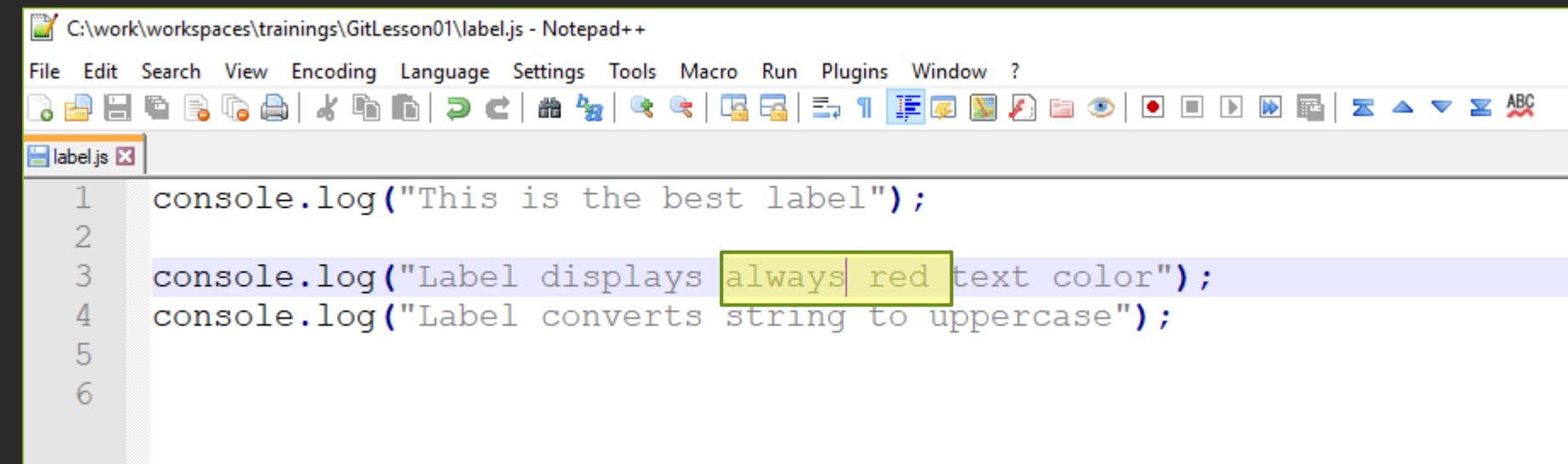
The screenshot shows a window titled "C:\work\workspaces\trainings\GitLesson01\label.js - Notepad++". The window contains a menu bar with File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Run, Plugins, Window, and a question mark. Below the menu is a toolbar with various icons. The main area is a code editor with a tab labeled "label.js". The code is as follows:

```
1 console.log("This is the best label");
2
3 console.log("Label displays random text color");
4 console.log("Label converts string to uppercase");
5
6
```





```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git checkout -b feature/redColorLabel
Switched to a new branch 'feature/redColorLabel'
```



The screenshot shows a Notepad++ window with the title bar "C:\work\workspaces\trainings\GitLesson01\label.js - Notepad++". The menu bar includes File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Run, Plugins, Window, and ?. The toolbar below the menu bar contains various icons for file operations like Open, Save, Print, and Find. The status bar at the bottom shows the line numbers 1 through 6. The code editor displays the following JavaScript code:

```
1 console.log("This is the best label");
2
3 console.log("Label displays always red text color");
4 console.log("Label converts string to uppercase");
5
6
```

The word "always" in the third line of code is highlighted with a yellow rectangular background, indicating it is being edited or selected.

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)
$ git checkout -b feature/redColorLabel
Switched to a new branch 'feature/redColorLabel'
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01
(feature/redColorLabel)
$ git add . & git commit -m "Updated label script. Red color support only"
[1] 15624
[feature/redColorLabel 57db304] Updated label script. Red color support only
 1 file changed, 1 insertion(+), 1 deletion(-)
[1]+ Done                  git add .
```

Switched to a new branch 'feature/redColorLabel'

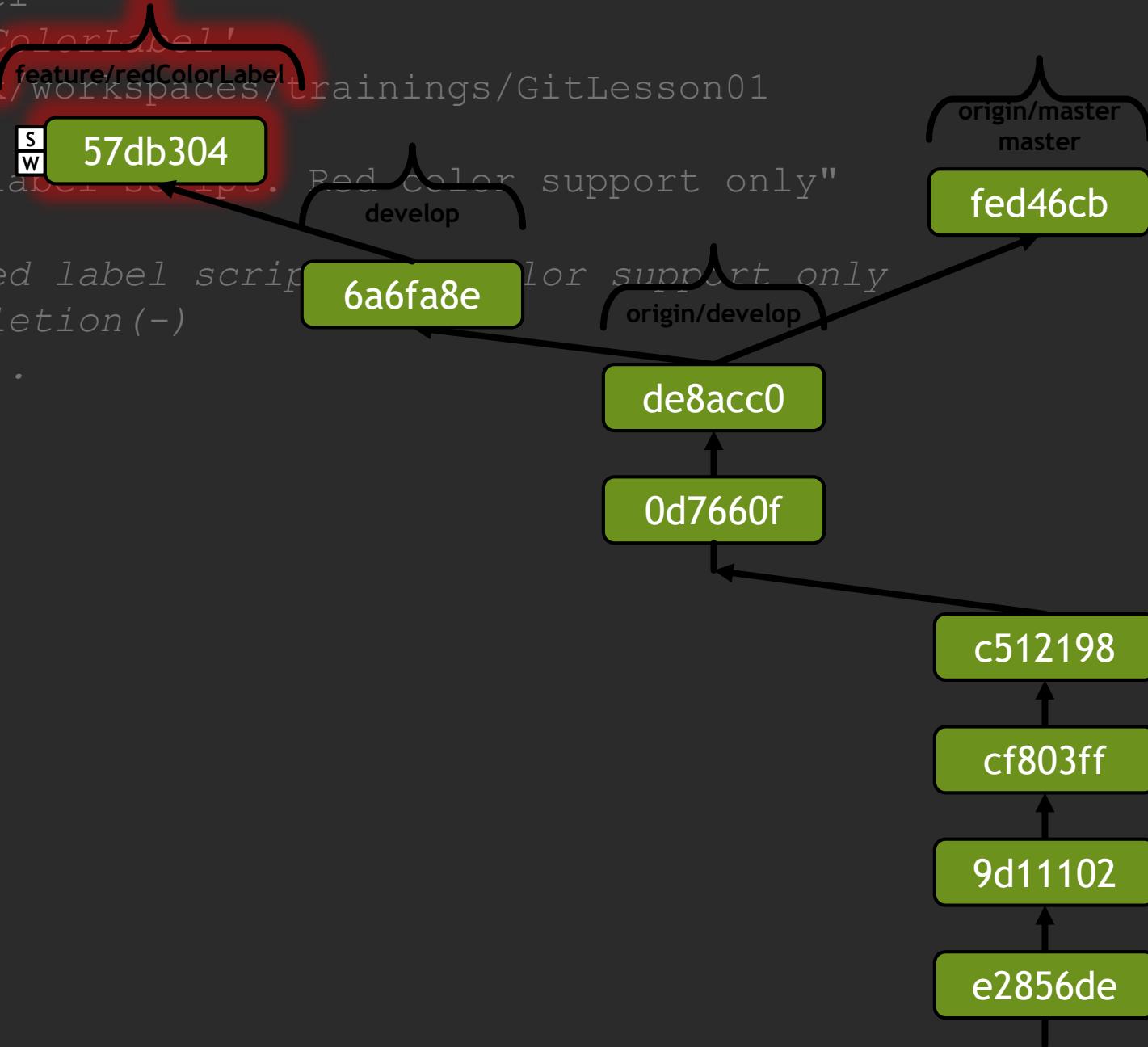
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/worksheets/trainings/GitLesson01

```
$ git add . & git commit -m "Updated last commit. Red color support only"
```

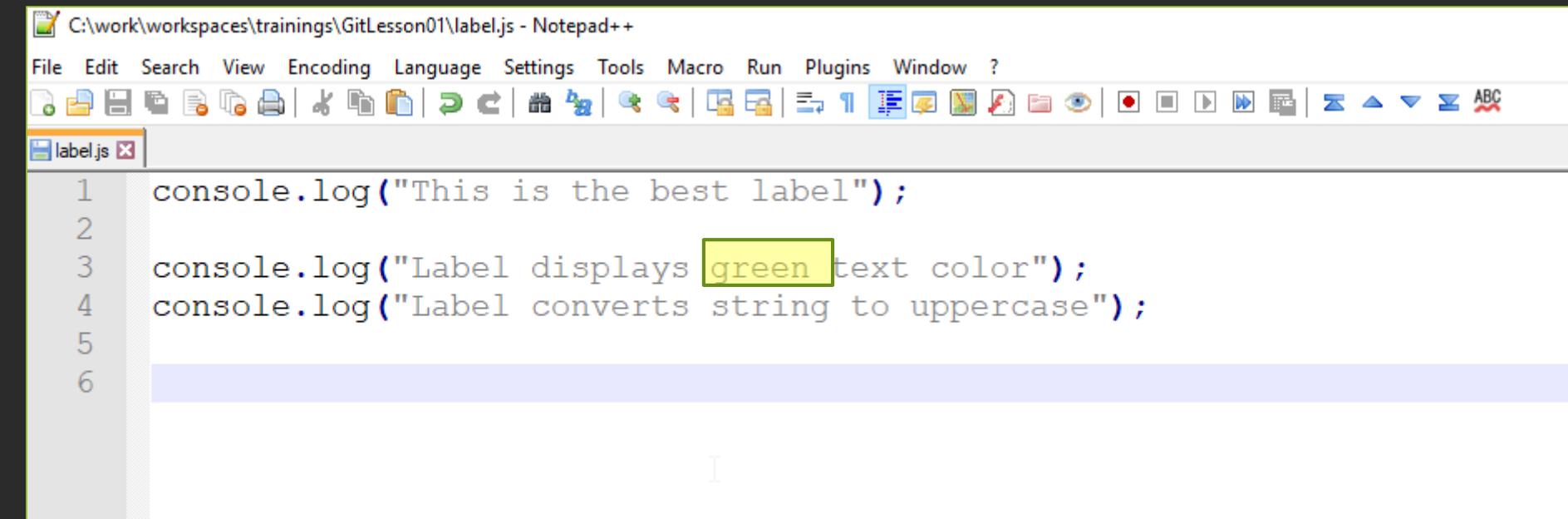
[1] 15624

[feature/redColorLabel 57db304] Updated label script
1 file changed, 1 insertion(+), 1 deletion(-) **6a6fa8e**

git add .



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01  
(feature/redColorLabel)  
$ git checkout develop  
Switched to branch 'develop'
```



C:\work\workspaces\trainings\GitLesson01\label.js - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

label.js

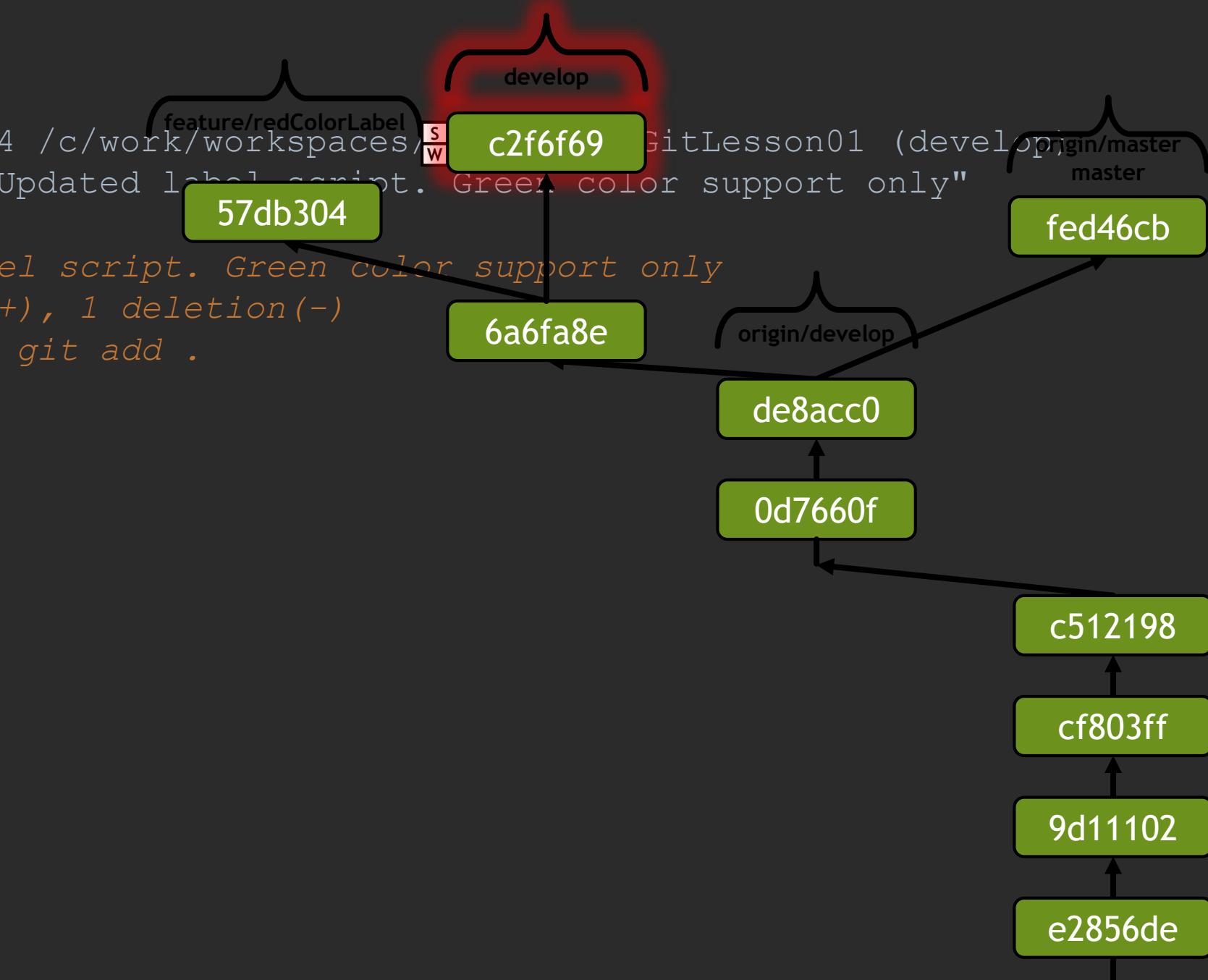
```
1 console.log("This is the best label");
2
3 console.log("Label displays green text color");
4 console.log("Label converts string to uppercase");
5
6
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01  
(feature/redColorLabel)  
$ git checkout develop  
Switched to branch 'develop'  
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/
```

Git Lesson 01 (develop)  master

```
$ git add . & git commit -m "Updated label script. Green color support only"  
[1] 13044  
[develop c2f6f69] Updated label script. Green color support only  
 1 file changed, 1 insertion(+), 1 deletion(-)  
[1]+ Done
```



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01  
(feature/redColorLabel)  
$ git checkout develop  
Switched to branch 'develop'  
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)  
$ git add . & git commit -m "Updated label script. Green color support only"  
[1] 13044  
[develop c2f6f69] Updated label script. Green color support only  
 1 file changed, 1 insertion(+), 1 deletion(-)  
[1]+ Done git add .  
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop)  
$ git merge feature/redColorLabel  
Auto-merging label.js  
CONFLICT (content): Merge conflict in label.js  
Automatic merge failed; fix conflicts and then commit the result.  
  
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01  
(develop|MERGING)
```

C:\work\workspaces\trainings\GitLesson01\label.js - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

label.js x

```
1 console.log("This is the best label");
2
3 <<<<< HEAD
4 console.log("Label displays green text color");
5 =====
6 console.log("Label displays always red text color");
7 >>>>> feature/redColorLabel
8 console.log("Label converts string to uppercase");
9
10
```


label.js (Base) <-> label.js (Local) <-> label.js (Remote) - KDiff3

File Edit Directory Movement Diffview Merge Window Settings Help

A (Base): label.js (Base) B: label.js (Local) C: label.js (Remote)

Encoding: System Line end style: DOS Encoding: System Line end style: DOS Encoding: System Line end style: DOS

```
console.log("This ·is ·the ·best ·label");
console.log("Label ·displays ·random ·text ·color");
console.log("Label ·converts ·string ·to ·uppercase");
```

console.log("This ·is ·the ·best ·label");
console.log("Label ·displays ·green ·text ·color");
console.log("Label ·converts ·string ·to ·uppercase");

console.log("This ·is ·the ·best ·label");
console.log("Label ·displays ·always ·red ·text ·color");
console.log("Label ·converts ·string ·to ·uppercase");

Conflicts

Total number of conflicts: 1
Nr of automatically solved conflicts: 0
Nr of unsolved conflicts: 1

OK

Output: C:\work\workspaces\trainings\GitLesson01\label.js

Encoding for saving: Codec from C: System Line end style: DOS (A, B, C)

```
console.log("This ·is ·the ·best ·label");
<Merge Conflict>
console.log("Label ·converts ·string ·to ·uppercase");
```

KDiff3 label.js (Base) <-> label.js (Local) <-> label.js (Remote) - KDiff3

File Edit Directory Movement Diffview Merge Window Settings Help

A (Base): label.js (Base) B: label.js (Local) C: label.js (Remote)

A - Base - common ancestor

Encoding: System Line end style: DOS

```
console.log("This is the best label");
```

B - Local - current branch

Encoding: System Line end style: DOS

```
console.log("This is the best label");
console.log("Label displays random text color");
console.log("Label converts string to uppercase");
```

C - Remote - the other branch

Encoding: System Line end style: DOS

```
console.log("This is the best label");
console.log("Label displays always red text color");
console.log("Label converts string to uppercase");
```

Conflicts

Total number of conflicts: 1
Nr of automatically solved conflicts: 0
Nr of unsolved conflicts: 1

OK

Output: C:\work\workspaces\trainings\GitLesson01\label.js

Encoding for saving: Codec from C: System

Line end style: DOS (A, B, C)

Merge Conflict

```
console.log("This is the best label");
console.log("Label converts string to uppercase");
```

KDiff3 label.js (Base) <-> label.js (Local) <-> label.js (Remote) - KDiff3

File Edit Directory Movement Diffview Merge Window Settings Help

A (Base): label.js (Base) B: label.js (Local) C: label.js (Remote)

Encoding: System Line end style: DOS Encoding: System Line end style: DOS Encoding: System Line end style: DOS

```
console.log("This is the best label");
console.log("Label displays random text color");
console.log("Label converts string to uppercase");
```

console.log("This is the best label");
console.log("Label displays green text color");
console.log("Label converts string to uppercase");

console.log("This is the best label");
console.log("Label displays always red text color");
console.log("Label converts string to uppercase");

Output: C:\work\workspaces\trainings\GitLesson01\label.js

Encoding for saving: Codec from C: System Line end style: DOS (A, B, C)

Merge Conflict

- A** Select Line(s) From A Ctrl+1
- B** Select Line(s) From B Ctrl+2
- C** Select Line(s) From C Ctrl+3

label.js (Base) <-> label.js (Local) <-> label.js (Remote) - KDiff3

File Edit Directory Movement Diffview Merge Window Settings Help

A (Base): label.js (Base) ... B: label.js (Local) ... C: label.js (Remote) ...

Encoding: System Line end style: DOS

console.log("This ·is ·the ·best ·label");

console.log("Label ·displays ·random ·text ·color");
console.log("Label ·converts ·string ·to ·uppercase");

Encoding: System Line end style: DOS

console.log("This ·is ·the ·best ·label");

console.log("Label ·displays ·green ·text ·color");
console.log("Label ·converts ·string ·to ·uppercase");

Encoding: System Line end style: DOS

console.log("This ·is ·the ·best ·label");

console.log("Label ·displays ·always ·red ·text ·color");
console.log("Label ·does ·not ·support ·random ·colors");
console.log("Label ·converts ·string ·to ·uppercase");

Output: C:\work\workspaces\trainings\GitLesson01\abel.js [Modified] Encoding for saving: Codec from C: System Line end style: DOS (A, B, C)

Number of remaining unsolved conflicts: 0 (of which 0 are whitespace)

label.js (Base) <-> label.js (Local) <-> label.js (Remote) - KDiff3

File Edit Directory Movement Diffview Merge Window Settings Help

Open Ctrl+O
Reload F5
Save Ctrl+S **Save** Ctrl+S
Save As...
Print... Ctrl+P
Quit Ctrl+Q

B: label.js (Local) Encoding: System Line end style: DOS
```js  
console.log("This ·is ·the ·best ·label");  
console.log("Label ·displays ·random ·text ·color");  
console.log("Label ·converts ·string ·to ·uppercase");  
```

C: label.js (Remote) Encoding: System Line end style: DOS
```js  
console.log("This ·is ·the ·best ·label");  
console.log("Label ·displays ·always ·red ·text ·color");  
console.log("Label ·does ·not ·support ·random ·colors");  
console.log("Label ·converts ·string ·to ·uppercase");  
```

Output: C:\work\workspaces\trainings\GitLesson01\label.js [Modified]
Encoding for saving: Codec from C: System Line end style: DOS (A, B, C)

console.log("This ·is ·the ·best ·label");
C console.log("Label ·displays ·always ·red ·text ·color");
m console.log("Label ·does ·not ·support ·random ·colors");
n console.log("Label ·converts ·string ·to ·uppercase");
|

Saves the merge result. All conflicts must be solved!


```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop|MERGING)
```

```
$ git mergetool
```

Merging:
label.js

Normal merge conflict for 'label.js':

{local}: modified file
{remote}: modified file

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop|MERGING)
```

```
$ git status
```

On branch develop

All conflicts fixed but you are still merging.
(use "git commit" to conclude merge)

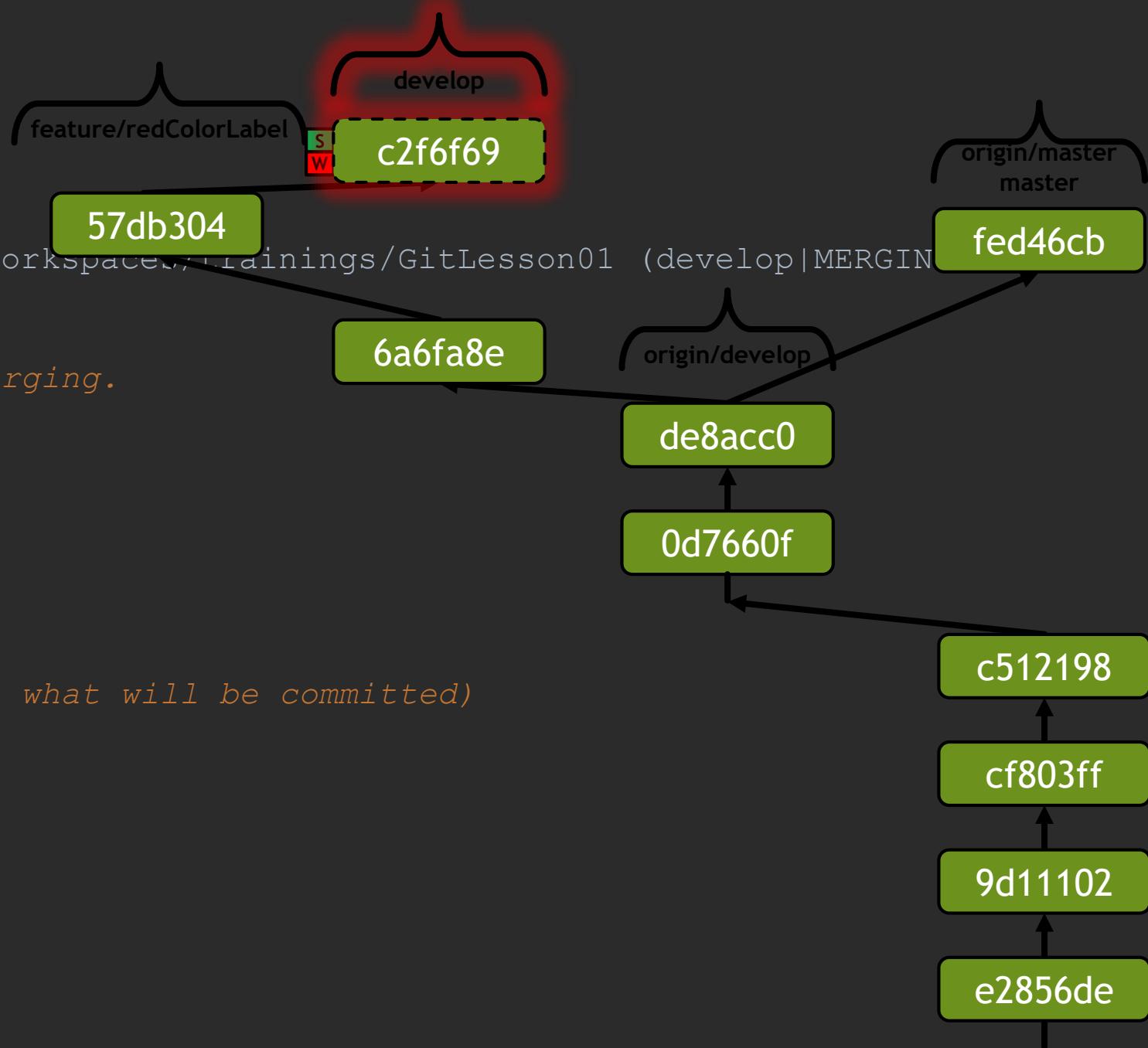
Changes to be committed:

modified: label.js

Untracked files:

(use "git add <file>..." to include in what will be committed)

label.js.orig



```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop|MERGING)
```

```
$ git mergetool
```

Merging:
label.js

Normal merge conflict for 'label.js':

{local}: modified file
{remote}: modified file

```
gracz2@DESKTOP-4KO33F6 MINGW64 /c/work/workspaces/trainings/GitLesson01 (develop|MERGING)
```

```
$ git status
```

On branch develop

All conflicts fixed but you are still merging.
(use "git commit" to conclude merge)

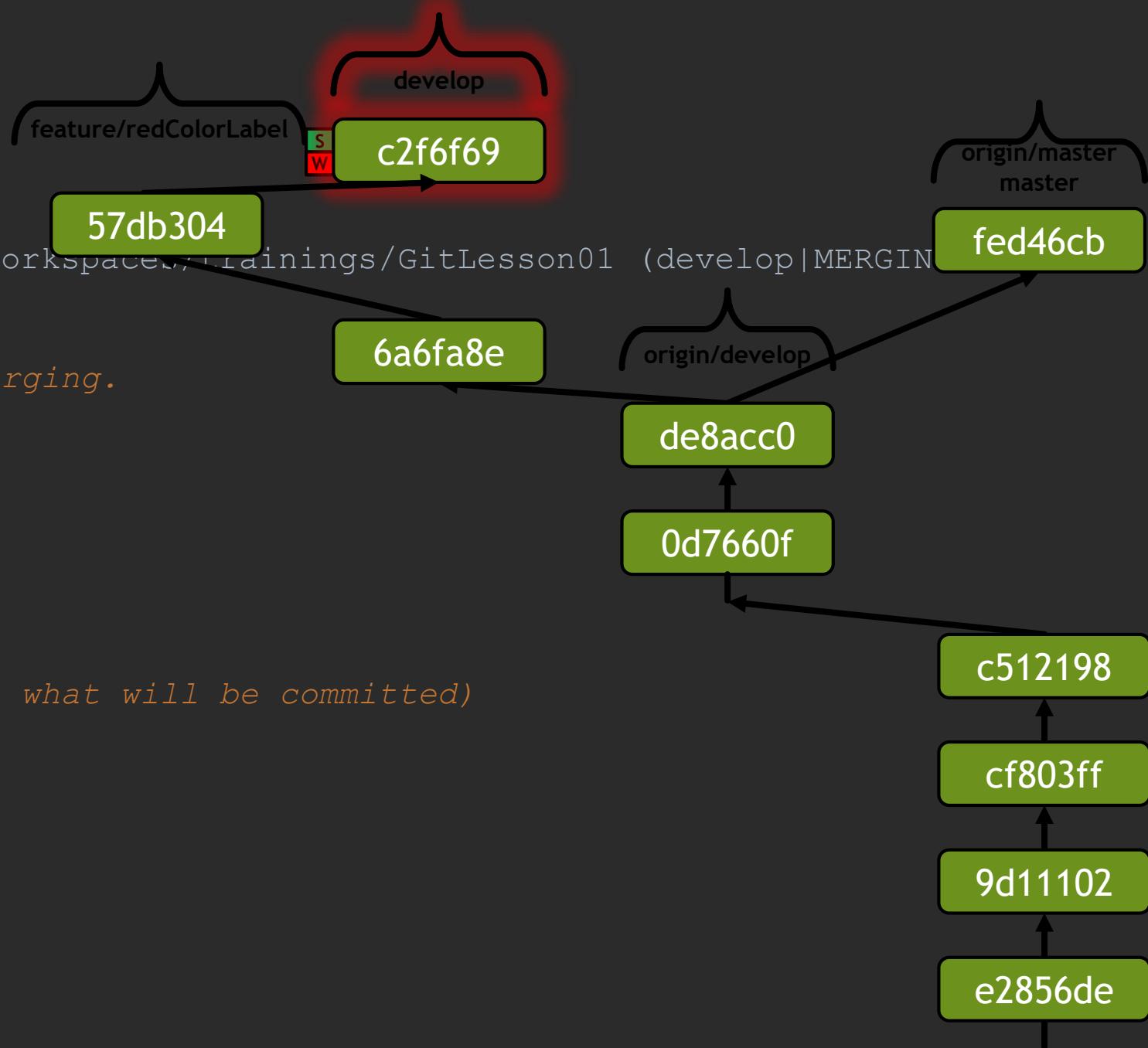
Changes to be committed:

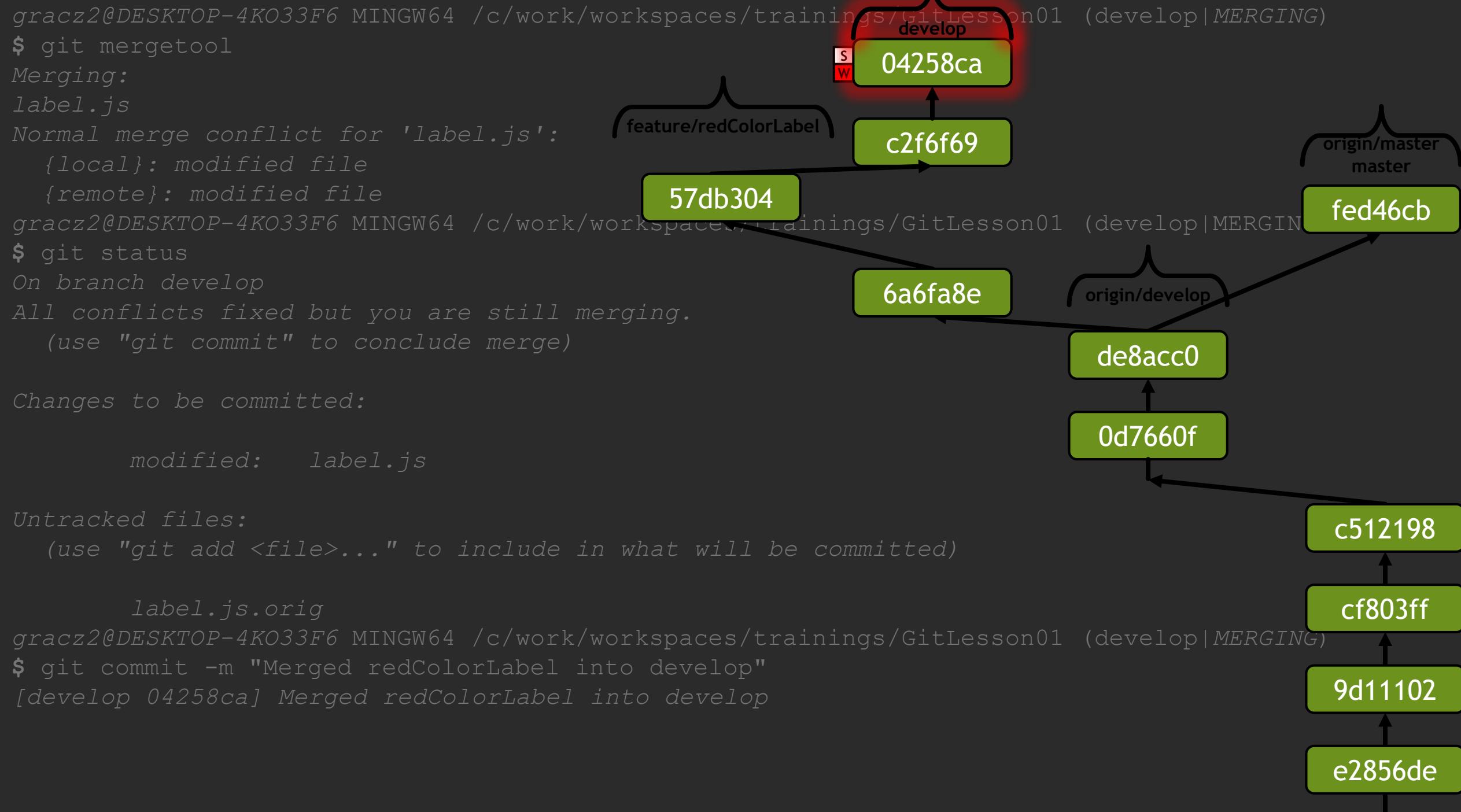
modified: label.js

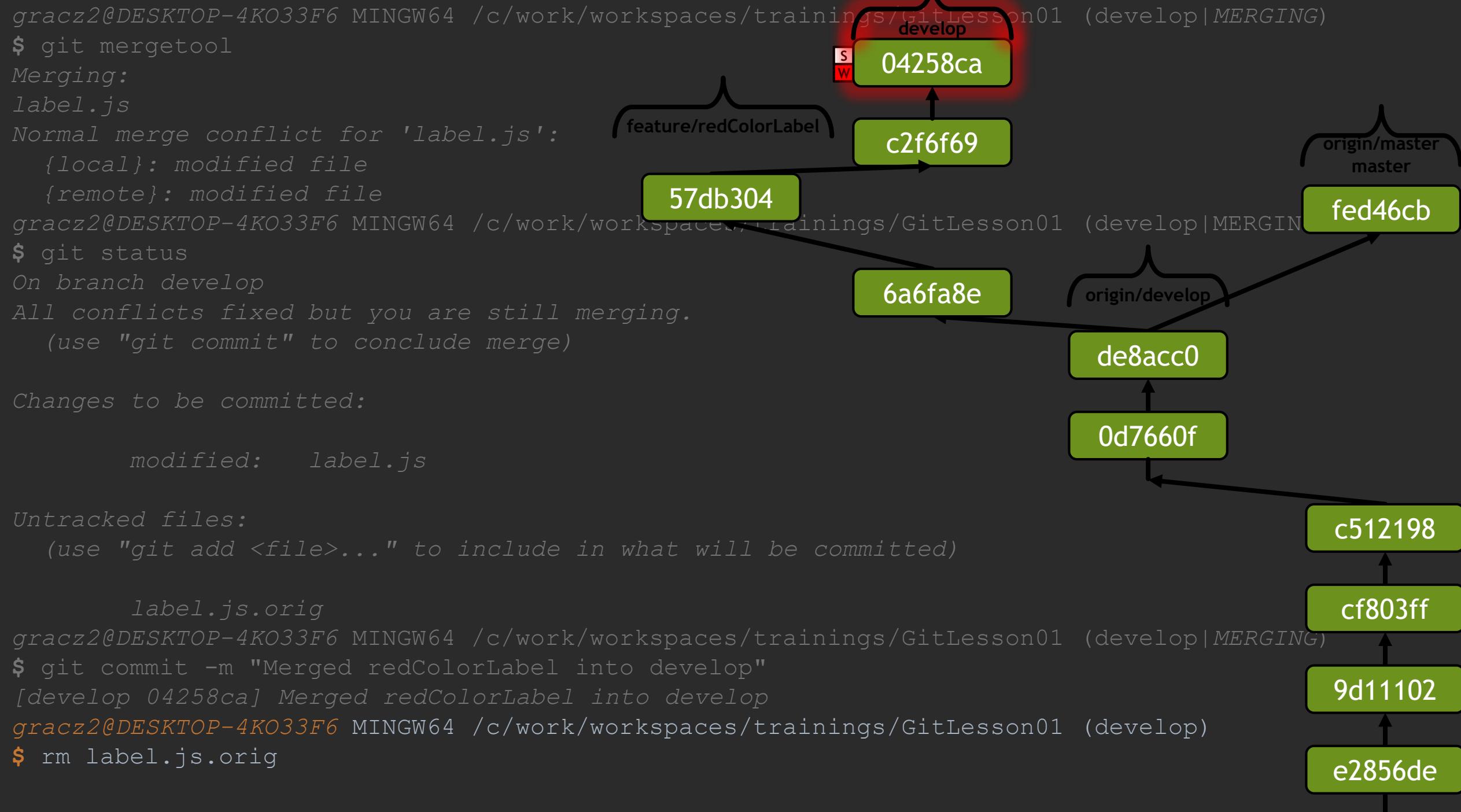
Untracked files:

(use "git add <file>..." to include in what will be committed)

label.js.orig





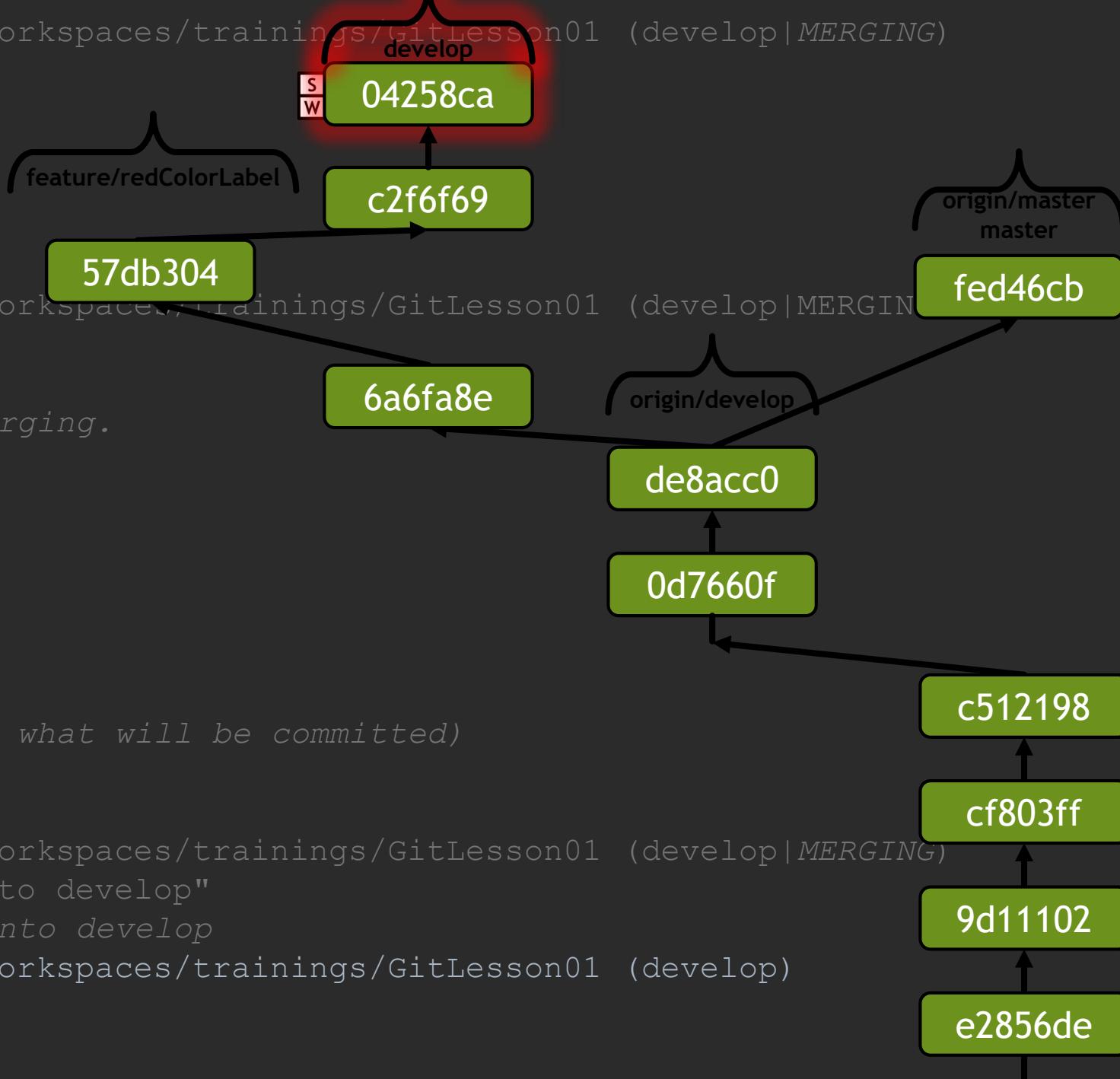


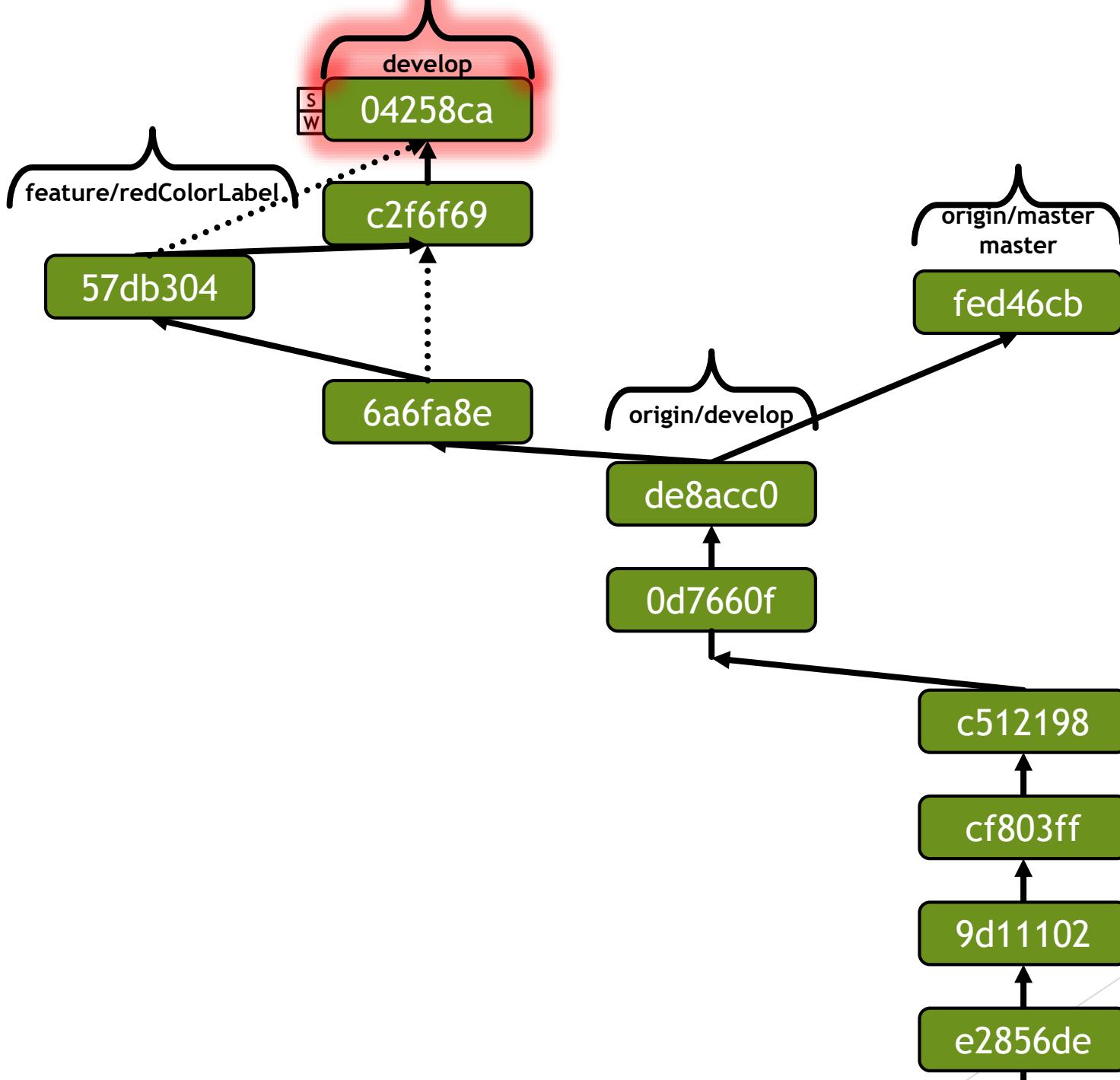
```
$ git mergetool
```

gracz2@DESKTOP-4K033F6 MINGW64 /c/work/workspace/Tutorials/GitLesson01 (develop|MERGING)

```
$ git status
```

```
$ rm label.js.orig
```





GitLesson01



Commit

Pull

Push

All Branches

 Show Remote Branches

Date Order

Jump to:

FILE STATUS

Working Copy

BRANCHES

develop

feature

redColorLabel

master

TAGS

REMOTES

STASHES

Graph	Description	Date	Author	Commit
● [v] develop	Merged redColorLabel into develop	2 mar 2019 20:18	Adam Zaręba <ad...	04258ca
● [v] feature/redColorLabel	Updated label script. Green color support only	2 mar 2019 19:50	Adam Zaręba <ad...	c2f6f69
● [v] feature/redColorLabel	Updated label script. Red color support only	2 mar 2019 19:49	Adam Zaręba <ad...	57db304
● [v] develop	Created label script	2 mar 2019 19:48	Adam Zaręba <ad...	6a6fa8e
● [v] origin/master	Merge pull request #1 from adamzareba/develop	2 mar 2019 18:53	Adam Zaręba <bo...	fed46cb
● [v] origin/develop	Created footer script	2 mar 2019 18:28	Adam Zaręba <ad...	de8acc0
● [v] develop	Created header script	2 mar 2019 18:14	Adam Zaręba <ad...	0d7660f
● [v] develop	Added gitignore file	2 mar 2019 17:14	Adam Zaręba <ad...	c512198
● [v] develop	Added table script, removed button script	2 mar 2019 16:09	Adam Zaręba <ad...	cf803ff
● [v] develop	Updated button script	2 mar 2019 15:56	Adam Zaręba <ad...	9d11102
● [v] develop	Created button script	2 mar 2019 15:38	Adam Zaręba <ad...	e2856de

Pending files, sorted by file status



Search



Commit: 04258ca2c09152c9858a796afec3d6108084311d [04258ca]



Parents: c2f6f698c4, 57db304c10

Author: Adam Zaręba <adam.d.zareba@gmail.com>

Date: sobota, 2 marca 2019 20:18:16

Committer: Adam Zaręba

Merged redColorLabel into develop

label.js

label.js

Hunk 1 : Lines 1-6

```
1   1     console.log("This is the best label");
2   2
3   3     - console.log("Label displays green text color");
4   4     + console.log("Label displays always red text color");
5   5     + console.log("Label does not support random colors");
6   6     console.log("Label converts string to uppercase");
```

Reverse hunk

File Status

Log / History

Search

GitLesson01

X +



Commit



Pull



Push



Fetch



Branch



Merge



Stash



Discard



Tag



Git-flow



Remote



Terminal



Explorer



Settings

FILE STATUS

Working Copy

BRANCHES

develop

feature

redColorLabel

master

TAGS

REMOTES

STASHES

All Branches

Show Remote Branches

Date Order

Jump to:

Graph



Description

Push : GitLesson01

Push to repository: origin https://github.com/adamzareba/GitLesson01.git

Branches to push

Push?	Local branch	Remote branch	Track?
<input checked="" type="checkbox"/>	develop	develop	<input checked="" type="checkbox"/>
<input type="checkbox"/>	feature/redColorLabel		<input type="checkbox"/>
<input type="checkbox"/>	master	master	<input type="checkbox"/>

Pending files, sort by:

Commit: 04258ca

Parents: c2f6f698

Author: Adam Za

Date: sobota, 2 m

Committer: Adam Za

Merged redColorLa

label.js

 Select All Push all tags Force Push

Push

Cancel



Date	Author	Commit
2 mar 2019 20:18	Adam Zaręba <ad...	04258ca
2 mar 2019 19:50	Adam Zaręba <ad...	c2f6f698
2 mar 2019 19:49	Adam Zaręba <ad...	57db304
2 mar 2019 19:48	Adam Zaręba <ad...	6a6fa8e
2 mar 2019 18:53	Adam Zaręba <ad...	fed46cb
2 mar 2019 18:28	Adam Zaręba <ad...	de8acc0
2 mar 2019 18:14	Adam Zaręba <ad...	0d7660f
2 mar 2019 17:14	Adam Zaręba <ad...	c512198
2 mar 2019 16:09	Adam Zaręba <ad...	cf803ff
2 mar 2019 15:56	Adam Zaręba <ad...	9d11102
2 mar 2019 15:38	Adam Zaręba <ad...	e2856de

Search



...

Reverse hunk

st label");

green text color");
always red text color");
support random colors");
string to uppercase");

File Status

Log / History

Search

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: develop ▾



Able to merge. These branches can be automatically merged.



Label change

Write

Preview

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1

2

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✓

@



Label component to be tested.

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

Styling with Markdown is supported

Create pull request



GitLesson01

X + ▾

All Branches Show Remote Branches Date Order

Description	Date	Author	Commit
Merged redColorLabel into develop Updated label script. Green color support only Updated label script. Red color support only Created label script	2 mar 2019 20:18	Adam Zaręba <adaz>	04258ca
Updated label script. Green color support only Updated label script. Red color support only Created label script	2 mar 2019 19:50	Adam Zaręba <adaz>	c2f6f69
Updated label script. Red color support only	2 mar 2019 19:49	Adam Zaręba <adaz>	57db304
Created label script	2 mar 2019 19:48	Adam Zaręba <adaz>	6a6fa8e
Merge pull request #1 from adamzareba/develop Checkout... Merge... Rebase... Tag... Archive... Branch... Rebase children of fed46cb interactively...	2 mar 2019 18:53	Adam Zaręba <boi>	fed46cb
Created footer script Created header script Added gitignore file Added table script, removed Updated button script Created button script	2 mar 2019 18:28	Adam Zaręba <adaz>	de8acc0
Created header script Added gitignore file Added table script, removed Updated button script Created button script	2 mar 2019 18:14	Adam Zaręba <adaz>	0d7660f
Added gitignore file Added table script, removed Updated button script Created button script	2 mar 2019 17:14	Adam Zaręba <adaz>	c512198
Added table script, removed Updated button script Created button script	2 mar 2019 16:09	Adam Zaręba <adaz>	cf803ff
Updated button script Created button script	2 mar 2019 15:56	Adam Zaręba <adaz>	9d11102
Created button script	2 mar 2019 15:38	Adam Zaręba <adaz>	e2856de

FILE STATUS

Working Copy

BRANCHES

- develop
- feature
 - redColorLabel
- master

TAGS

REMOTES

STASHES

Pending files, sorted by file status

Commit: fed46cb27cb94d1616928a9a22
Parents: c512198d44, de8acc0f69
Author: Adam Zaręba <bontade88@gmail.com>
Date: sobota, 2 marca 2019 18:53:22
Committer: GitHub

Merge pull request #1 from adamzareba/develop

Develop

- + footer.js
- + header.js

File Status Log / History Search

Checkout...

Merge...

Rebase...

Tag...

Archive...

Branch...

Rebase children of fed46cb interactively...

Reset current branch to this commit

Reverse commit...

Create Patch...

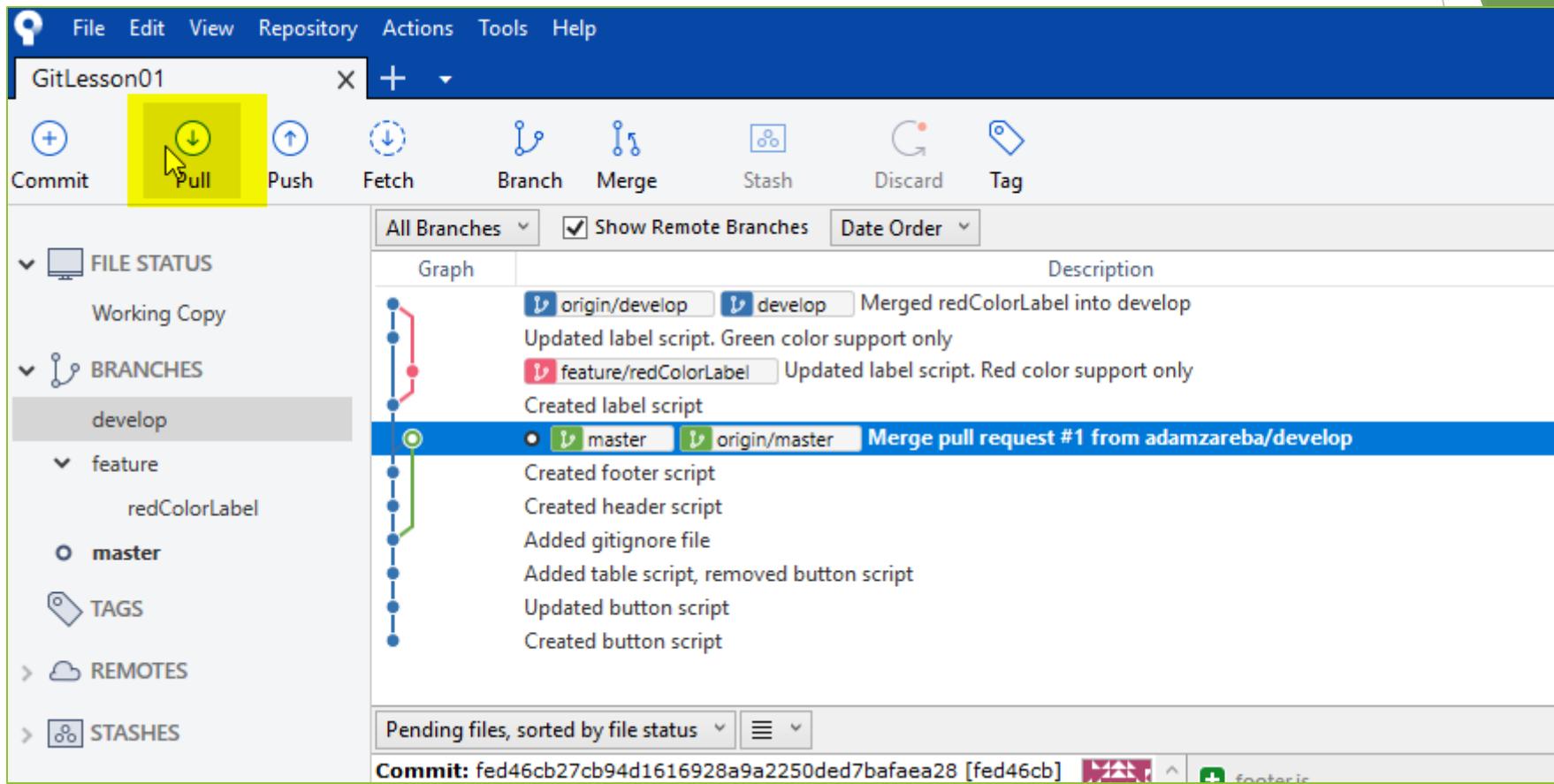
Cherry Pick

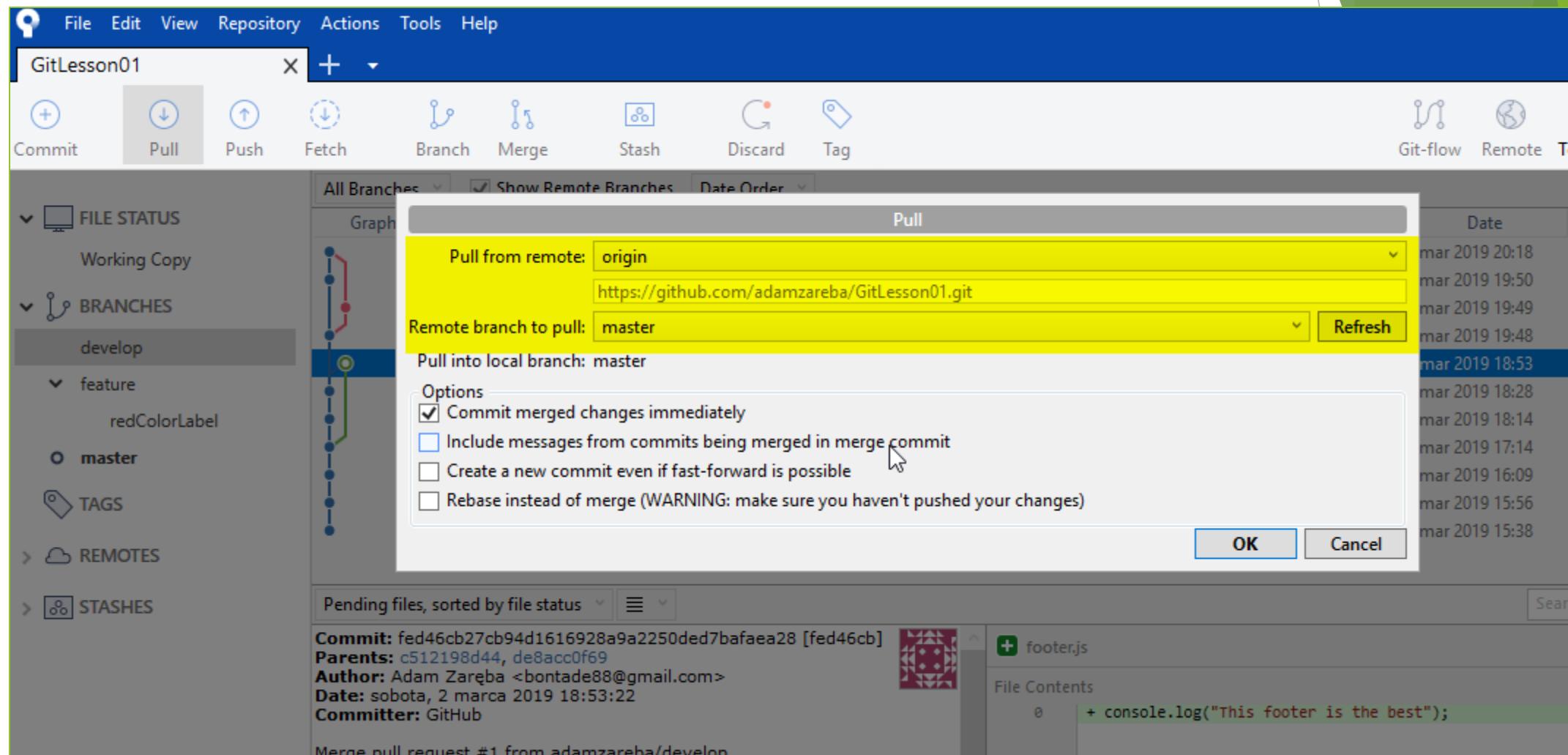
Copy SHA to Clipboard

Custom Actions

console.log("This footer is the best");

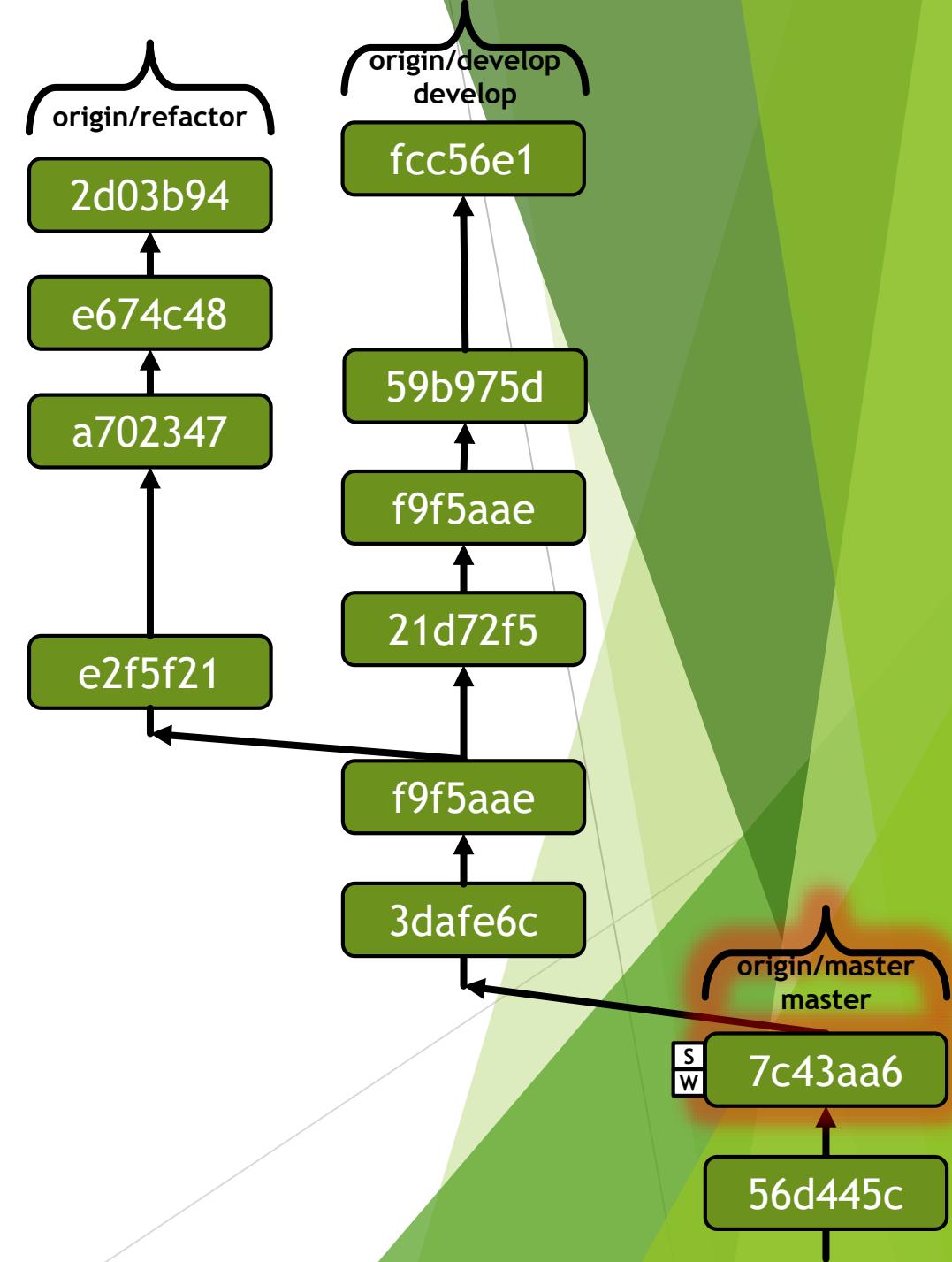
Reverse hunk





Exercise 3

- ▶ **fork**
https://github.com/adamzareba/GitLesson01_MergeConflictsManualSolve repository and clone it to local disk
- ▶ check content of refactor and develop branches
- ▶ **merge** locally refactor into develop
- ▶ check merge output and test files
- ▶ **push** develop changes into remote repository
- ▶ create a pull request and merge develop into master
- ▶ create a pull request to merge master into source repository



*Thank you for your
attention*

adam.d.zareba@gmail.com

