

11. While merging testing brunch into HW1 in the first two files we have 2 strings and in testing brunch there is only second document with 2 strings.

Testing brunch:

1st file:

```
Code Blame 1 lines (1 loc) · 26 Bytes Code 55% faster with GitHub Copilot Raw Copy Download Edit View Source
```

```
1 This is the initial file.
```

2nd file:

```
Code Blame 2 lines (2 loc) · 54 Bytes Code 55% faster with GitHub Copilot Raw Copy Download Edit View Source
```

```
1 This is a file for testing revert.
2 This is a change..
```

HW1 brunch:

1st:

```
Code Blame 2 lines (2 loc) · 44 Bytes Code 55% faster with GitHub Copilot Raw Copy Download Edit View Source
```

```
1 This is the initial file.
2 This is a change.
```

2nd:

```
Code Blame 2 lines (2 loc) · 54 Bytes Code 55% faster with GitHub Copilot Raw Copy Download Edit View Source
```

```
1 This is a file for testing revert.
2 This is a change..
```

After reverting commit:

```
(use git push to publish your local commits)
rpole@LAPTOP-CK2R7L6P:/mnt/d/ITMO_ScientificPython_2024/HW1$ cat test_revert.txt
This is a file for testing revert.
rpole@LAPTOP-CK2R7L6P:/mnt/d/ITMO_ScientificPython_2024/HW1$
```

After merging again testing brunch into HW1 we have 2 strings in 1st and second files, but in the second we have only 1:

polezhaevalera Revert "Merge branch 'testing' into HW1"

22f961e · 10 minutes ago

History

Code Blame 1 lines (1 loc) · 35 Bytes Code 55% faster with GitHub Copilot

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1 This is a file for testing revert.

Looking at commit tree, we see, that this files problems caused by the reverting commit, so let's try to revert the revert.

```
rpole@LAPTOP-CK2R7L6P:/mnt/d/ITMO_ScientificPython_2024$ git log --all --decorate --oneline --graph
* 75ddc15 (HEAD -> HW1, origin/HW1) Merge branch 'testing' into HW1
|
| * 751a0a9 (origin/testing, testing) Added changing in test_revert_merge.txt file
| * 22f961e Revert "Merge branch 'testing' into HW1"
| * f57b6c0 Merge branch 'testing' into HW1
|/
| * 72215aa Added changes in test_revert file
| * db52c6b Added changes to hw1 file
|/
* a905972 Added 3 files to HW1 branch
* 3e5ebe2 (origin/main, origin/HEAD, main) Initial commit
rpole@LAPTOP-CK2R7L6P:/mnt/d/ITMO_ScientificPython_2024$ git status
On branch HW1
Your branch is up to date with 'origin/HW1'.

nothing to commit, working tree clean
rpole@LAPTOP-CK2R7L6P:/mnt/d/ITMO_ScientificPython_2024$ git revert 22f961e
[HW1 e410f0f] Revert "Revert "Merge branch 'testing' into HW1""
1 file changed, 1 insertion(+)
rpole@LAPTOP-CK2R7L6P:/mnt/d/ITMO_ScientificPython_2024$ cat hw1.txt
cat: hw1.txt: No such file or directory
rpole@LAPTOP-CK2R7L6P:/mnt/d/ITMO_ScientificPython_2024$ ls
HW1 README.md
rpole@LAPTOP-CK2R7L6P:/mnt/d/ITMO_ScientificPython_2024$ cd HW1
rpole@LAPTOP-CK2R7L6P:/mnt/d/ITMO_ScientificPython_2024/HW1$ ls
hw1.txt test_revert.txt test_revert_merge.txt
rpole@LAPTOP-CK2R7L6P:/mnt/d/ITMO_ScientificPython_2024/HW1$ cat hw1.txt
This is the initial file.
This is a change.
rpole@LAPTOP-CK2R7L6P:/mnt/d/ITMO_ScientificPython_2024/HW1$ cat test_revert.txt
This is a file for testing revert.
This is a change..
rpole@LAPTOP-CK2R7L6P:/mnt/d/ITMO_ScientificPython_2024/HW1$ cat test_revert_merge.txt
This is a file for testing revert and merge.
This is a change.
rpole@LAPTOP-CK2R7L6P:/mnt/d/ITMO_ScientificPython_2024/HW1$
```

Now everything is correct, great!

My commands that helped me to reach this success.

creating branch HW1 and adding files

git clone https://github.com/polezhaevalera/ITMO_ScientificPython_2024

mkdir HW1

cd HW1

```
git checkout -b HW1
vi {files}
git add hw1.txt
git add test_revert.txt
git add test_revert_merge.txt
git commit -m "message."
git push -u origin HW1
```

```
git branch testing
nano hw1.txt
git add hw1.txt
commit -m "message".
git checkout testing
nano test_revert.txt
git commit -a -m "message"
git push -u origin testing
```

```
git checkout HW1
git merge testing
git push origin HW1
```

```
git revert -m 1 HEAD
git push origin HW1
git checkout testing
nano test_revert_merge.txt
git commit -a -m "message"
git push origin testing
```

```
git checkout HW1
git merge testing
```

```
git log --all --decorate --oneline --graph
```

```
git status
```

```
git revert 22f961e
```

```
cat hw1.txt
```

```
cat hw1.txt
```

```
cat test_revert.txt
```

```
cat test_revert_merge.txt
```

```
git status
```

```
git push origin HW1
```

```
git branch -d testing
```

```
git push origin --delete testing
```