

Before merging your pull request, the source repository adds a conflicting commit. Now what?

"pr_sync() is a shortcut for pr_pull(), pr_pull_upstream(), and pr_push()" ([usetheis](#))

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usetheis::pr_sync()

create_from_github()

```
Console Terminal x Jobs x
C:/Users/Mauro/Desktop/CONTRIBUTOR/abc/ ↗
> create_from_github("an-org/abc", fork = TRUE)
✓ Creating 'C:/Users/Mauro/Desktop/abc/'
✓ Forking 'an-org/abc'
✓ Cloning repo from 'git@github.com:maurolepore/abc.git' into 'C:/Users/Mauro/Desktop/abc'
✓ Setting active project to 'C:/Users/Mauro/Desktop/abc'
✓ Adding 'upstream' remote: 'git@github.com:an-org/abc.git'
✓ Pulling changes from GitHub source repo 'upstream/master'
✓ Setting remote tracking branch for local 'master' branch to 'upstream/master'
✓ Opening 'C:/Users/Mauro/Desktop/abc/' in new RStudio session
✓ Setting active project to '<no active project>'
> |
```



Fork on GitHub, then run from a terminal:

```
git clone git@github.com:maurolepore/abc.git
cd abc
```

Contrib@LAPTOP ~/abc (master)

```
git remote add upstream git@github.com:an-org/abc.git
git pull upstream master
git branch --set-upstream-to=upstream/master
```

git remote --verbose

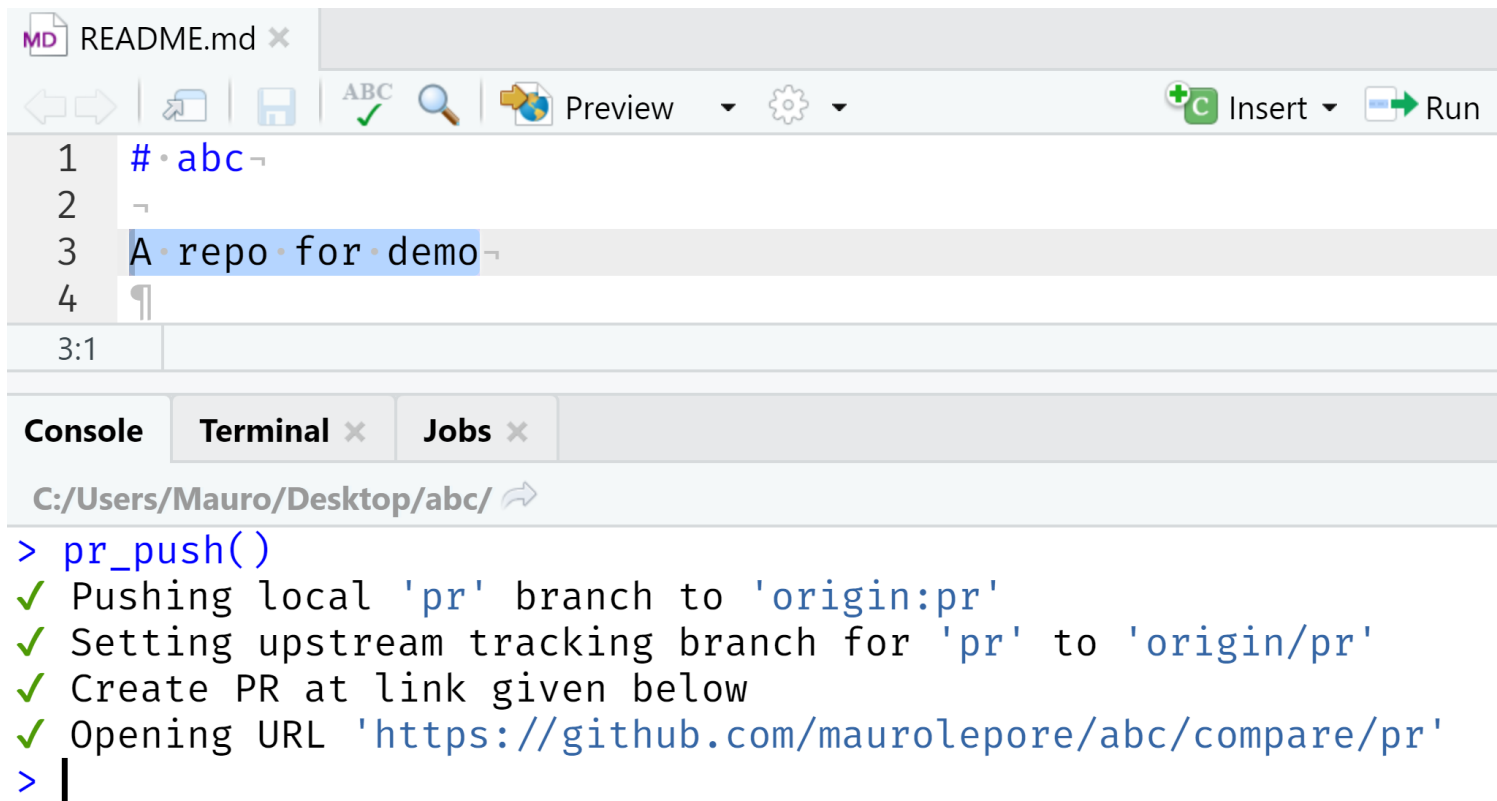
Console	Terminal x	Jobs x
 	Terminal 1 ▾	:/c/Users/Mauro/Desktop/abc
<pre>\$ git remote -v origin git@github.com:maurolepore/abc.git (fetch) origin git@github.com:maurolepore/abc.git (push) upstream git@github.com:an-org/abc.git (fetch) upstream git@github.com:an-org/abc.git (push)</pre>		

pr_init("pr")

```
Console Terminal x Jobs x
C:/Users/Mauro/Desktop/abc/ ↗
> pr_init("pr")
✓ Setting active project to 'C:/Users/Mauro/Desktop/abc'
✓ Checking that local branch 'master' has the changes in 'upstream/master'
✓ Creating local PR branch 'pr'
✓ Switching to branch 'pr'
● Use `pr_push()` to create PR
> |
```

```
# Contrib@LAPTOP ~/abc (master)
git pull upstream master
git branch pr
git checkout pr
```

pr_push()



The screenshot shows a code editor with a file named 'README.md'. The editor has a toolbar with icons for navigation, search, and execution. The code in the editor is as follows:


```
1 # abc
2
3 A repo for demo
4
```

Below the editor is a terminal window with the following output:


```
> pr_push()
✓ Pushing local 'pr' branch to 'origin:pr'
✓ Setting upstream tracking branch for 'pr' to 'origin/pr'
✓ Create PR at link given below
✓ Opening URL 'https://github.com/maurolepore/abc/compare/pr'
> |
```

```
# Contrib@LAPTOP ~/abc (pr)
git push origin
git branch --set-upstream-to=origin/pr
```


<https://github.com/maurolepore/abc/compare/pr>


 base repository: an-org/abc ▼ base: master ▼ ◀ head repository: maurolepore/abc ▼ compare: pr ▼

✓ **Able to merge.** These branches can be automatically merged.

 **Create pull request** Discuss and review the changes in this comparison with others.

But before [pr] is merged, the maintainer adds a conflicting change to the source repository



 **This branch has conflicts that must be resolved**
Use the [web editor](#) or the [command line](#) to resolve conflicts.

[Resolve conflicts](#)

Conflicting files
README.md

[Squash and merge](#) ▼ You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

pr_sync()



The screenshot shows a code editor with a file named 'README.md'. The editor has a toolbar with icons for undo, redo, save, search, and a 'Preview' button. The code in the editor is as follows:

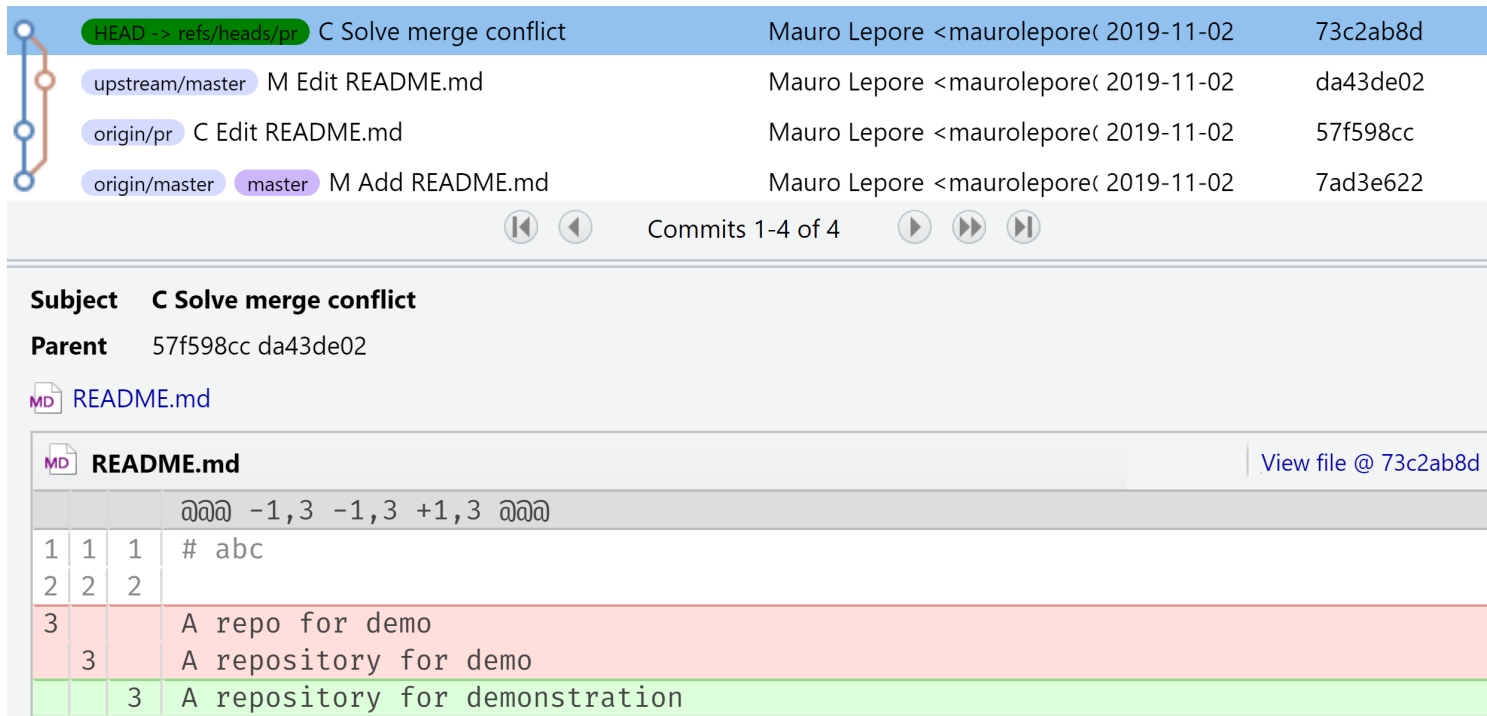
```
1 # abc
2
3 <<<<<<< HEAD
4 A repo for demo
5 =====
6 A repository for demo
7 >>>>>> master
8
```

Below the editor is a terminal window. The terminal shows the command `pr_sync()` being executed. The output is:

```
> pr_sync()
✓ Pulling changes from GitHub PR
✓ Pulling changes from GitHub source repo 'upstream/master'
Error: Merge conflict! Please resolve before continuing
>
```

```
# Contrib@LAPTOP ~/abc (pr)
# Using default remote "origin" and branch "pr"
# `git pull` is shorthand for `git fetch && git merge FETCH_HEAD`
git pull
git pull upstream master
git push
```

Solve merge conflicts



The image shows a Git commit history and a diff view for a file named README.md. The commit history at the top shows four commits by Mauro Lepore, dated 2019-11-02. The first commit (HEAD -> refs/heads/pr) is titled 'C Solve merge conflict' with hash 73c2ab8d. The second commit (upstream/master) is titled 'M Edit README.md' with hash da43de02. The third commit (origin/pr) is titled 'C Edit README.md' with hash 57f598cc. The fourth commit (origin/master) is titled 'M Add README.md' with hash 7ad3e622. Below the history is a navigation bar with 'Commits 1-4 of 4' and navigation icons. The main section shows the diff for README.md, comparing the current commit (73c2ab8d) with its parent (57f598cc). The diff shows three lines of code: a header line, a line with '# abc', and a line with 'A repository for demonstration'. The first two lines are unchanged, while the third line is new and highlighted in green.

Commit	Author	Date	Hash
HEAD -> refs/heads/pr	Mauro Lepore <maurolepore@...>	2019-11-02	73c2ab8d
upstream/master	Mauro Lepore <maurolepore@...>	2019-11-02	da43de02
origin/pr	Mauro Lepore <maurolepore@...>	2019-11-02	57f598cc
origin/master	Mauro Lepore <maurolepore@...>	2019-11-02	7ad3e622

Commits 1-4 of 4

Subject C Solve merge conflict
Parent 57f598cc da43de02

MD README.md

MD README.md [View file @ 73c2ab8d](#)

Line	From	To	Diff
1	1	1	# abc
2	2	2	
3		3	A repository for demonstration

pr_push()

```
> pr_push()  
✓ Checking that local branch 'pr' has the changes in 'origin/pr'  
✓ Pushing local 'pr' branch to 'origin:pr'  
✓ Create PR at link given below  
✓ Opening URL 'https://github.com/maurolepore/abc/compare/pr'  
> |
```

```
# Contrib@LAPTOP ~/abc (pr)
```

```
# Retry sync
```

```
git pull
```

```
git pull upstream master
```

```
git push
```

[pr] now has no conflicts with [upstream/master]



This branch has no conflicts with the base branch

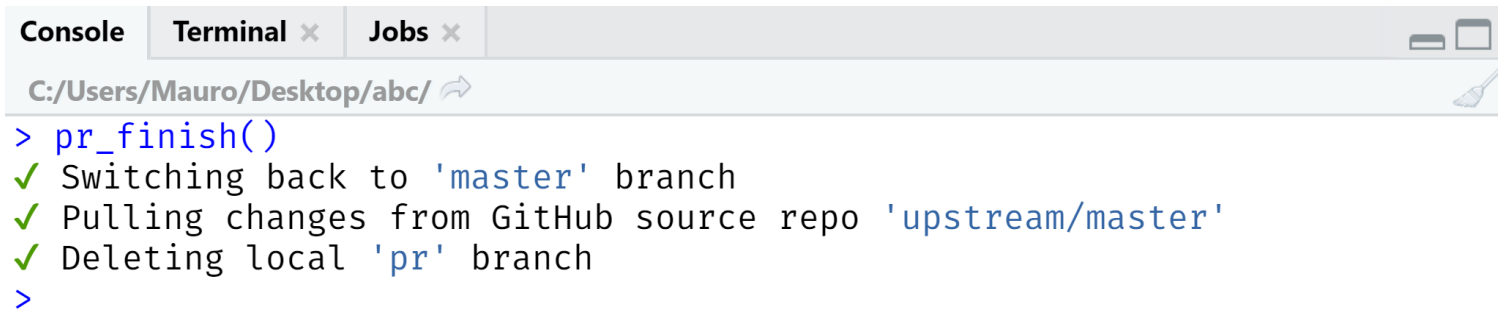
Merging can be performed automatically.

Squash and merge



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

pr_finish()



A terminal window with tabs for 'Console', 'Terminal x', and 'Jobs x'. The current path is 'C:/Users/Mauro/Desktop/abc/'. The command '> pr_finish()' has been executed, resulting in three green checkmark messages: 'Switching back to 'master' branch', 'Pulling changes from GitHub source repo 'upstream/master'', and 'Deleting local 'pr' branch'. The prompt '>' is shown again.

```
> pr_finish()  
✓ Switching back to 'master' branch  
✓ Pulling changes from GitHub source repo 'upstream/master'  
✓ Deleting local 'pr' branch  
>
```

```
# Contrib@LAPTOP ~/abc (pr)  
git checkout master
```

```
# Contrib@LAPTOP ~/abc (master)  
git pull upstream master  
git push -d origin pr  
git branch -d pr
```