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( )" (usethis)

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License: CCO

usethis::pr_sync( )

create_from_github()

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
```
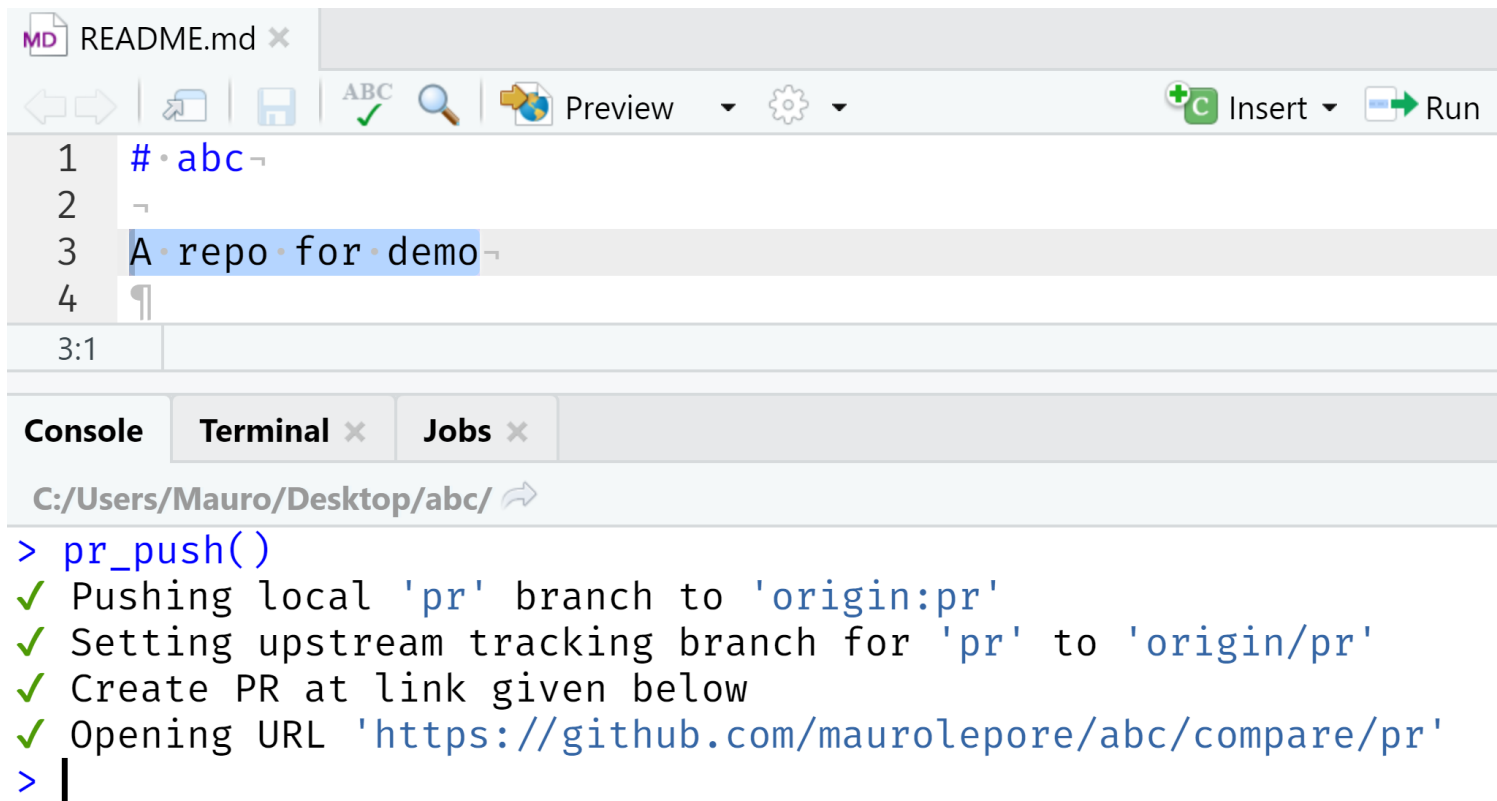
git remote --verbose

Console	Terminal ✕	Jobs ✕	

⬅ ➡ | Terminal 1 ▾ | **:/c/Users/Mauro/Desktop/abc**

```
$ 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)
```

pr_init("pr")

Console   Terminal ✕   Jobs ✕

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()

MD README.md ✕

◁ ▷ | ⚏ | 💾 | ᴬᴮᶜ✓ 🔍 | 🌐 Preview ▾ ⚙ ▾   ⁺C Insert ▾ ▬➡ Run

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

3:1

Console   **Terminal** ✕   **Jobs** ✕

C:/Users/Mauro/Desktop/abc/ ⇗

```
> 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**   **Resolve conflicts**
Use the web editor or the command line to resolve conflicts.

Conflicting files

`README.md`

Squash and merge ▾   You can also open this in GitHub Desktop or view command line instructions.

pr_sync()
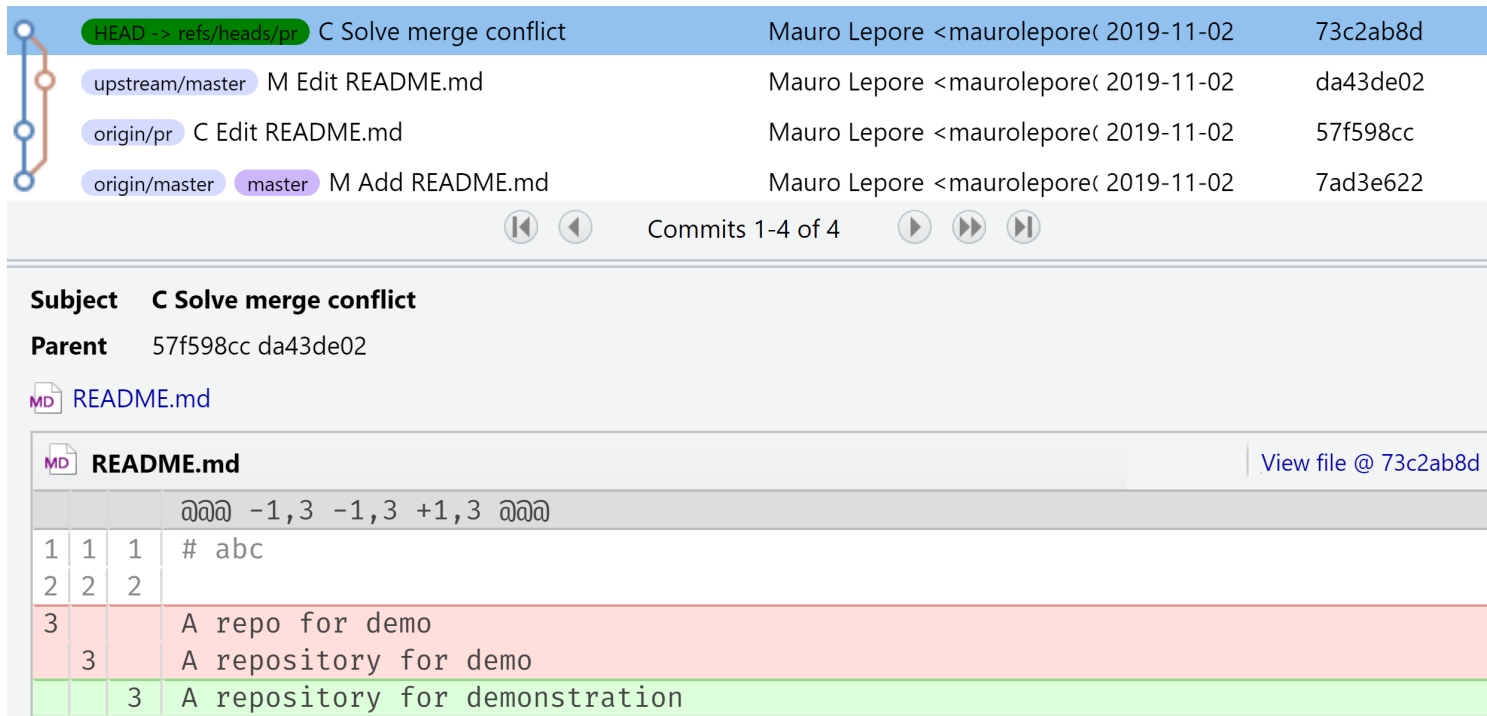

```
README.md

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

```
Console    Terminal    Jobs
C:/Users/Mauro/Desktop/abc/
> 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

HEAD -> refs/heads/pr	C Solve merge conflict	Mauro Lepore <maurolepore(	2019-11-02	73c2ab8d
upstream/master	M Edit README.md	Mauro Lepore <maurolepore(	2019-11-02	da43de02
origin/pr	C Edit README.md	Mauro Lepore <maurolepore(	2019-11-02	57f598cc
origin/master master	M Add README.md	Mauro Lepore <maurolepore(	2019-11-02	7ad3e622

Commits 1-4 of 4

Subject **C Solve merge conflict**
Parent 57f598cc da43de02

README.md

		README.md	View file @ 73c2ab8d
		@@@ -1,3 -1,3 +1,3 @@@	
1	1	1	# abc
2	2	2	
3			A repo for demo
	3		A repository for demo
		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**
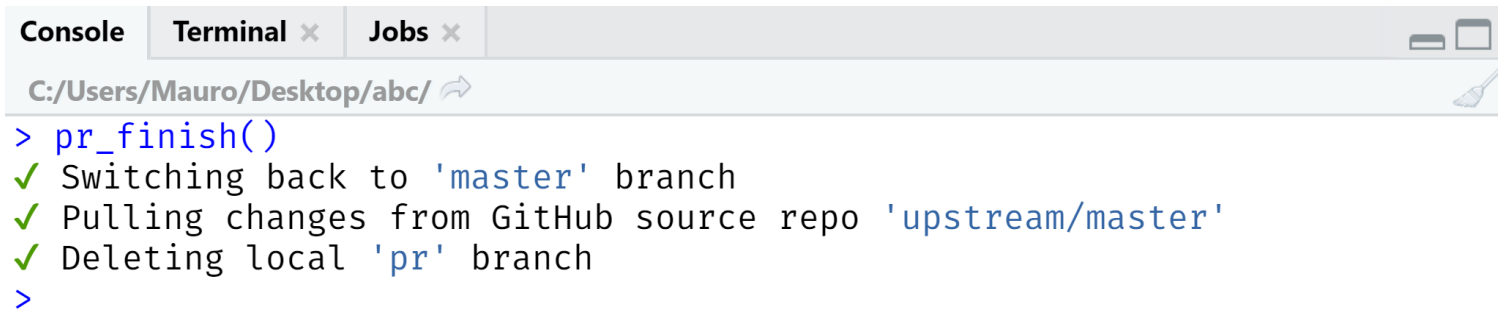Merging can be performed automatically.

Squash and merge ▾ You can also open this in GitHub Desktop or view command line instructions.

pr_finish()

```
Console   Terminal ×   Jobs ×
C:/Users/Mauro/Desktop/abc/
> 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