

Interdependent pull requests

# pr\_init("pr1")



```
Console Terminal x Jobs x
C:/Users/Mauro/git/abc-contributor/
✓ Deleting local 'pr1' branch
> pr_init("pr1")
✓ Checking that local branch 'master' has the changes in 'upstream/master'
✓ Creating local PR branch 'pr1'
✓ Switching to branch 'pr1'
● Use `pr_push()` to create PR
> |
```

# Commit

The image shows a Git commit diff view. At the top, a commit summary bar displays the commit message 'C New f()', the author 'Mauro Lepore <maurolepore@gmail.c>', the date '2019-11-04', and the SHA 'fad9ec76'. Below this, a navigation bar shows the commit history with 'upstream/master', 'origin/master', and 'master' branches, and the message 'M Add README.md' with the parent SHA '7ad3e622'. The main content area shows the diff for the file 'f.R'. The diff header indicates a change from '00' to '00' with a line count change of '-0,0 +1,3'. The diff body shows the addition of a function definition in R code.

HEAD -> refs/heads/pr2 pr1 C New f() Mauro Lepore <maurolepore@gmail.c> 2019-11-04 fad9ec76

upstream/master origin/master master M Add README.md Mauro Lepore <maurolepore@gmail.c> 2019-11-02 7ad3e622

Commits 1-2 of 2

**SHA** fad9ec76  
**Author** Mauro Lepore <maurolepore@gmail.com>  
**Date** 2019-11-04 17:56  
**Subject** C New f()  
**Parent** 7ad3e622


f.R

f.R View file @ fad9ec76

```
@@ -0,0 +1,3 @@
1 f ← function(x) {
2   x
3 }
```

# pr\_push()

```
> pr_push()  
✓ Pushing local 'pr1' branch to 'origin:pr1'  
✓ Setting upstream tracking branch for 'pr1' to 'origin/pr1'  
✓ Create PR at link given below  
✓ Opening URL 'https://github.com/maurolepore/abc/compare/pr1'  
>
```

 base repository: an-org/abc ▼

base: master ▼

←

head repository: maurolepore/abc ▼

compare: pr1 ▼

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

 **Create pull request**

Discuss and review the changes in this comparison with others.

# pr\_init("pr2")

```
> pr_init("pr2")
✓ Setting active project to 'C:/Users/Mauro/git/abc-contributor'
✓ Checking that local branch 'master' has the changes in 'upstream/master'
Create local PR branch with non-master parent?

1: No
2: Absolutely
3: Absolutely not

Selection: 2
✓ Creating local PR branch 'pr2'
✓ Switching to branch 'pr2'
● Use `pr_push()` to create PR
>
```

# pr\_push()

```
> pr_push()  
✓ Pushing local 'pr2' branch to 'origin:pr2'  
✓ Setting upstream tracking branch for 'pr2' to 'origin/pr2'  
✓ Create PR at link given below  
✓ Opening URL 'https://github.com/maurolepore/abc/compare/pr2'  
>
```



base repository: an-org/abc ▼

base: master ▼



head repository: maurolepore/abc ▼

compare: pr2 ▼

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



**Create pull request**

Discuss and review the changes in this comparison with others.

# pr\_fetch() (Maintainer)

---

```
> library(usethis)
> pr_fetch(5)
✓ Checking out PR 'an-org/abc/#5' (@maurolepore): 'C New f()'
✓ Adding remote 'maurolepore' as 'git@github.com:maurolepore/abc.git'
✓ Creating local branch 'maurolepore-pr1'
✓ Setting upstream tracking branch for 'maurolepore-pr1' to 'maurolepore/pr1'
✓ Switching to branch 'maurolepore-pr1'
> |
```

# Edit pr1 (Maintainer)

The screenshot displays a GitHub pull request interface. At the top, a commit history table lists three commits by Mauro Lepore. Below this, a navigation bar shows 'Commits 1-3 of 3' with navigation icons. The main content area shows a file diff for 'f.R' and 'my\_f.R'. The 'f.R' file is highlighted in red, and the 'my\_f.R' file is highlighted in green. Both files contain R code defining a function.

Commit	Author	Date	Hash
HEAD -> refs/heads/maurolepore-pr1	Mauro Lepore <maurolepore@gmail.com>	2019-11-04	4aab4ff6
maurolepore/pr1	Mauro Lepore <maurolepore@gmail.com>	2019-11-04	fad9ec76
origin/master	Mauro Lepore <maurolepore@gmail.com>	2019-11-02	7ad3e622

Commits 1-3 of 3

**f.R** [View file @ 4aab4ff6](#)

```
@@ -1,3 +0,0 @@
1 f <- function(x) {
2   x
3 }
```

**my\_f.R** [View file @ 4aab4ff6](#)

```
@@ -0,0 +1,3 @@
1 my_f <- function(x) {
2   x
3 }
```




# pr\_push() (Maintainer)

```
> pr_push()  
✓ Checking that local branch 'maurolepore-pr1' has the changes in 'maurolepore/pr1'  
✓ Pushing local 'maurolepore-pr1' branch to 'maurolepore:pr1'  
✓ View PR at 'https://github.com/an-org/abc/pull/5' or call `pr_view()`  
>
```

← → ↺ 🏠 [github.com/an-org/abc/commits/master](https://github.com/an-org/abc/commits/master) 🔍 ☆

🔗 Commits on Nov 4, 2019

[C] New `my\_f()` (#5 @contributor) ...

 maurolepore committed 1 minute ago


New my\_f()

Thanks @contributor

Signed-off-by: First Last <maintainer@example.com>

🔗 Commits on Nov 2, 2019

M Add README.md

 maurolepore committed 2 days ago

# pr\_sync()

The screenshot displays the RStudio environment with the following components:

- Source Editor:** Contains an R script with the following code:

```
1 my_f <- function(x) {  
2   x  
3 }  
4
```
- Console:** Shows the output of the `pr_sync()` function:

```
> pr_sync()  
✓ Pulling changes from GitHub PR  
✓ Pulling changes from GitHub source repo 'upstream/master'  
✓ Checking that local branch 'pr2' has the changes in 'origin/pr2'  
✓ Pushing local 'pr2' branch to 'origin:pr2'  
✓ View PR at 'https://github.com/an-org/abc/pull/6' or call `pr_view()`  
> pr_view()  
✓ Opening URL 'https://github.com/an-org/abc/pull/6'  
>
```
- Environment Pane:** Lists the objects in the environment:
  - Files: New Folder, Delete, Rename
  - Location: Mauro > git > abc-contributor
  - Name: ..
  - Objects: .git, .gitignore, .Rhistory, .Rproj.user, abc.Rproj, README.md, f.R, my\_f.R







# Fix pr2 then pr\_push()


The screenshot displays a GitHub pull request (PR) interface. On the left, a commit history sidebar shows a sequence of commits: 'HEAD -> refs/heads/pr2' (C Remove f.R), 'C Edit g() to use my\_f()', 'C Move g() to my\_f.R', 'origin/pr2 merge upstream/master', 'upstream/master [C] New `my\_f()` (#5 @contributor)', 'C New g()', 'origin/pr1 pr1 C New f()', and 'origin/master master M Add README.md'. The main area shows a list of commits by Mauro Lepore, with the selected commit 'f05da851' corresponding to 'C Edit g() to use my\_f()'. Below this, the file 'my\_f.R' is shown with a diff. The diff highlights changes in the function definition: line 6 'f(x)' is highlighted in red (deletion), and line 6 'my\_f(x)' is highlighted in green (addition). The file content is as follows:


```
@@ -3,5 +3,5 @@ my_f <- function(x) {
3 3 }
4 4
5 5 g <- function(x) {
6 f(x)
6 my_f(x)
7 7 }
```

```
> pr_push()
✓ Checking that local branch 'pr2' has the changes in 'origin/pr2'
✓ Pushing local 'pr2' branch to 'origin:pr2'
✓ View PR at 'https://github.com/an-org/abc/pull/6' or call `pr_view()`
> |
```

# Squash-merge pr2 (Maintainer)

    [github.com/an-org/abc/commits/master](https://github.com/an-org/abc/commits/master)  


New g() (#6 @contributor) 


 maurolepore committed now


Relates to #5

Thanks @contributor


Signed-off-by: First Last <maintainer@example.com>

[C] New `my\_f()` (#5 @contributor) 

 maurolepore committed 24 minutes ago

 Commits on Nov 2, 2019

M Add README.md

 maurolepore committed 2 days ago

# pr\_finish()

```
Console Terminal x Jobs x
C:/Users/Mauro/git/abc-contributor/
> pr_finish()
✓ Switching back to 'master' branch
✓ Pulling changes from GitHub source repo 'upstream/master'
✓ Deleting local 'pr2' branch
>
```

HEAD -> refs/heads/master	upstream/master	New g() (#6 @contributor)	Mauro Lepore <maurolepore@gmail.c 2019-11-04	a8c63a22
[C] New 'my_f()' (#5 @contributor)			Mauro Lepore <maurolepore@gmail.c 2019-11-04	f84d03f5
origin/master	M Add README.md		Mauro Lepore <maurolepore@gmail.c 2019-11-02	7ad3e622

```
Commits 1-3 of 3
my_f.R View file @ a8c63a22
@@ -1,3 +1,7 @@
1 1 my_f ← function(x) {
2 2   x
3 3 }
4
5 g ← function(x) {
6   my_f(x)
7 }
```