

# Workshop : Branching





# Starting a repository : master branch

```
$git init
```



# HEAD ?

```
$cat .git/HEAD
```

```
$cat .git/refs/heads/master
```



# List of all branch

`$git branch`



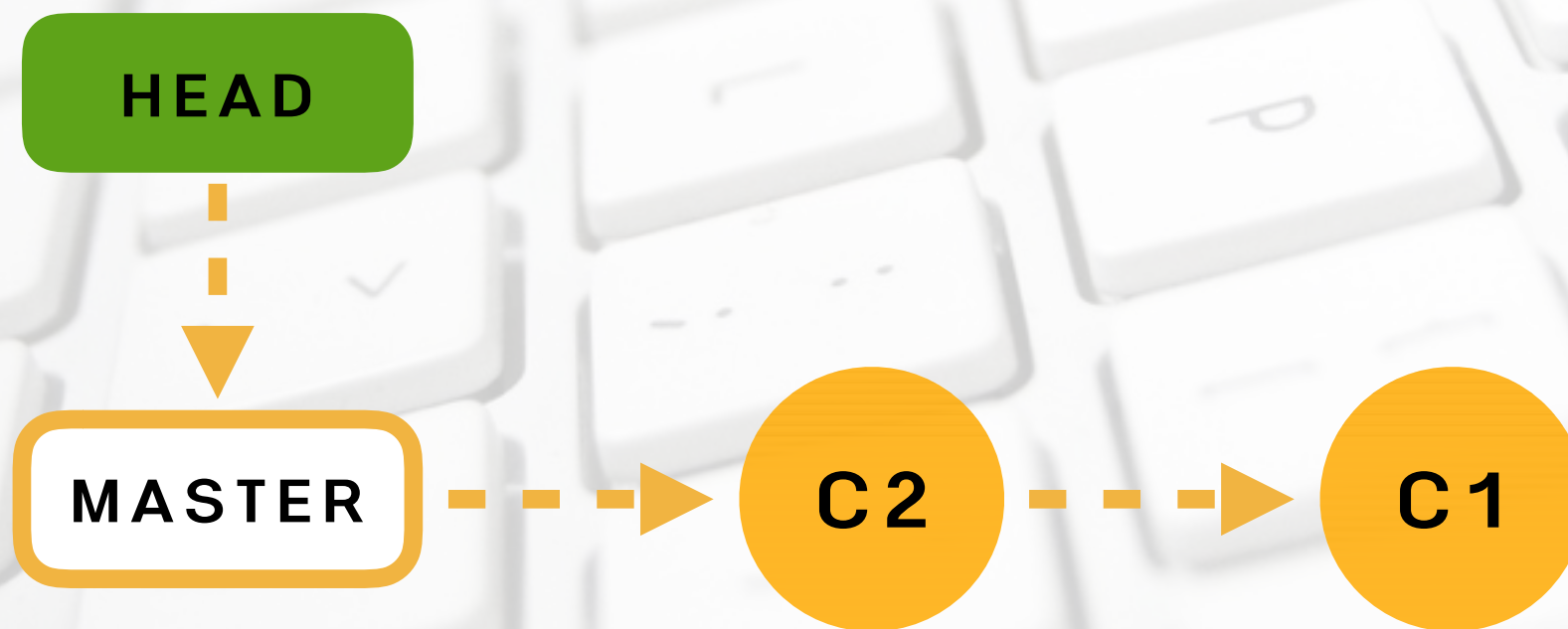
# First commit

`$git commit`



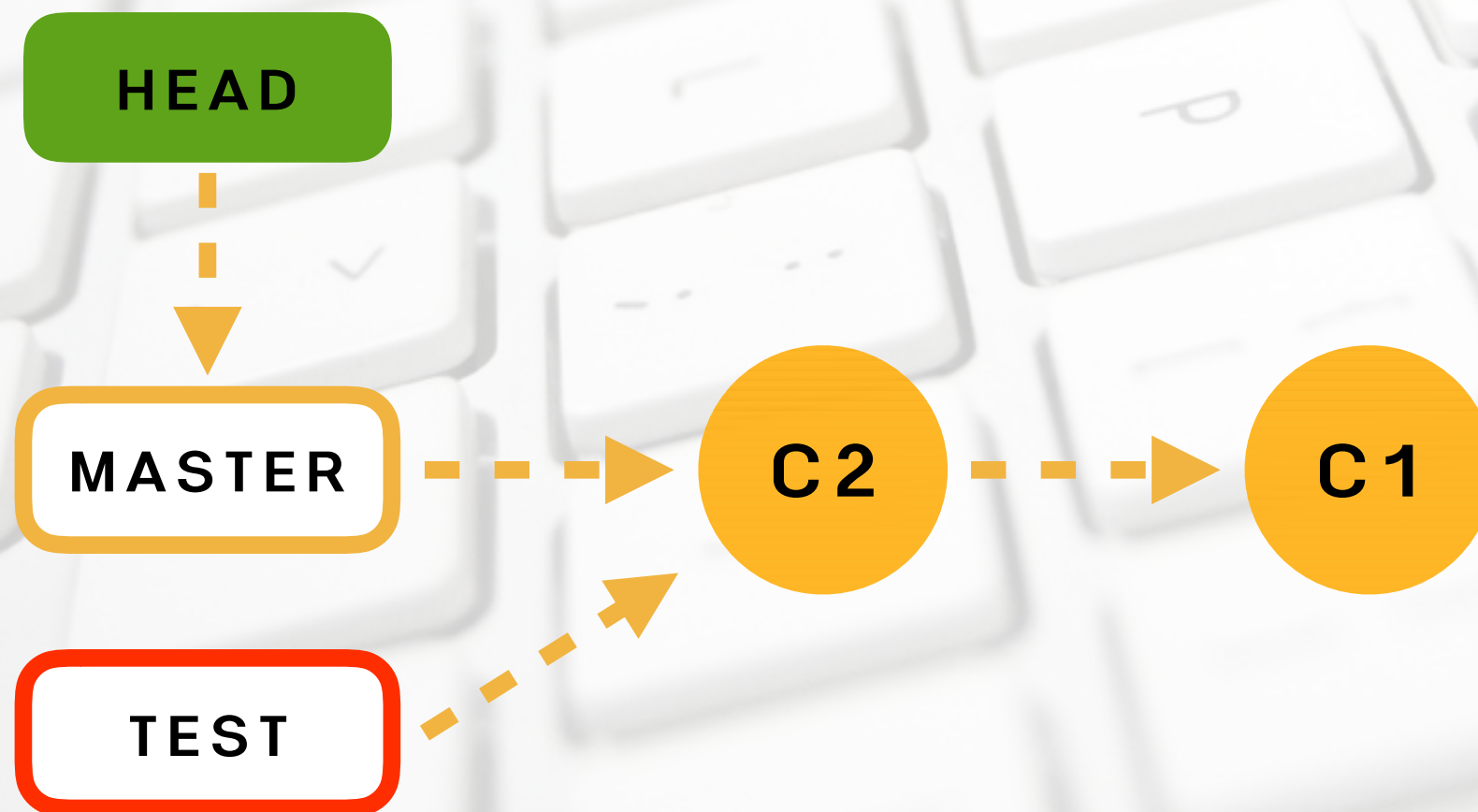
# Second commit

`$git commit`



# Create a new branch

\$git **branch** test





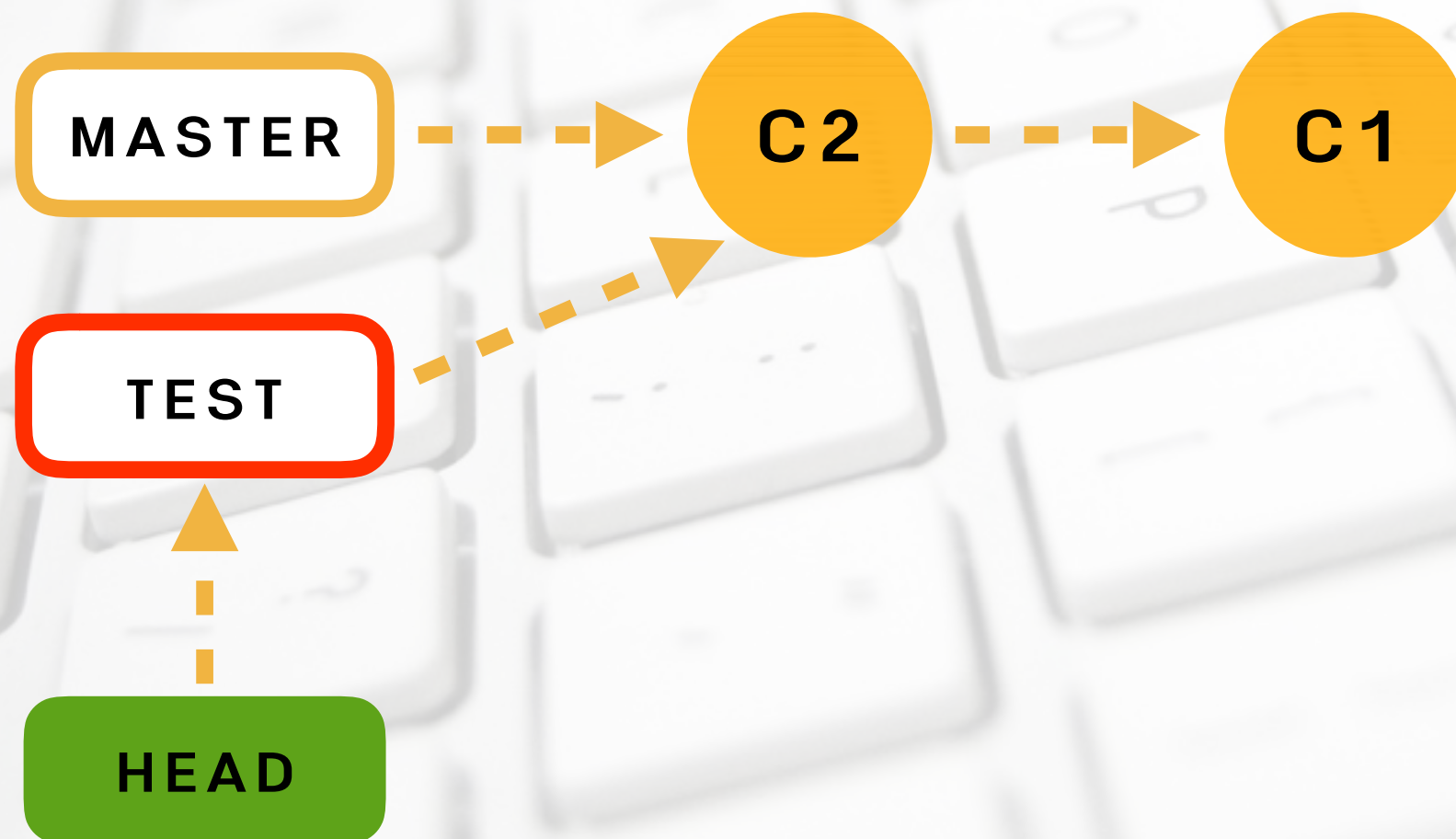
# List of all branch

`$git branch`



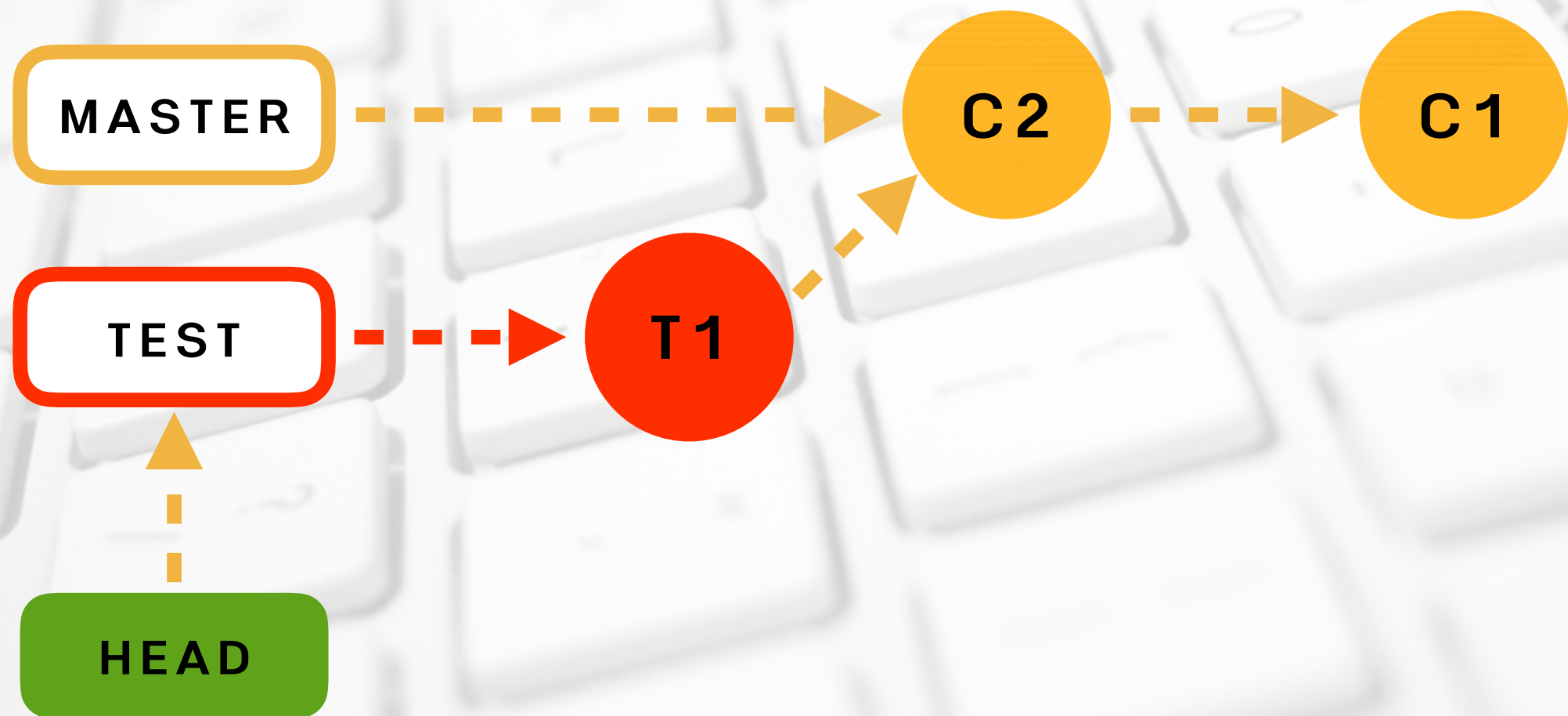
# Switch to a new branch

\$git **checkout** test



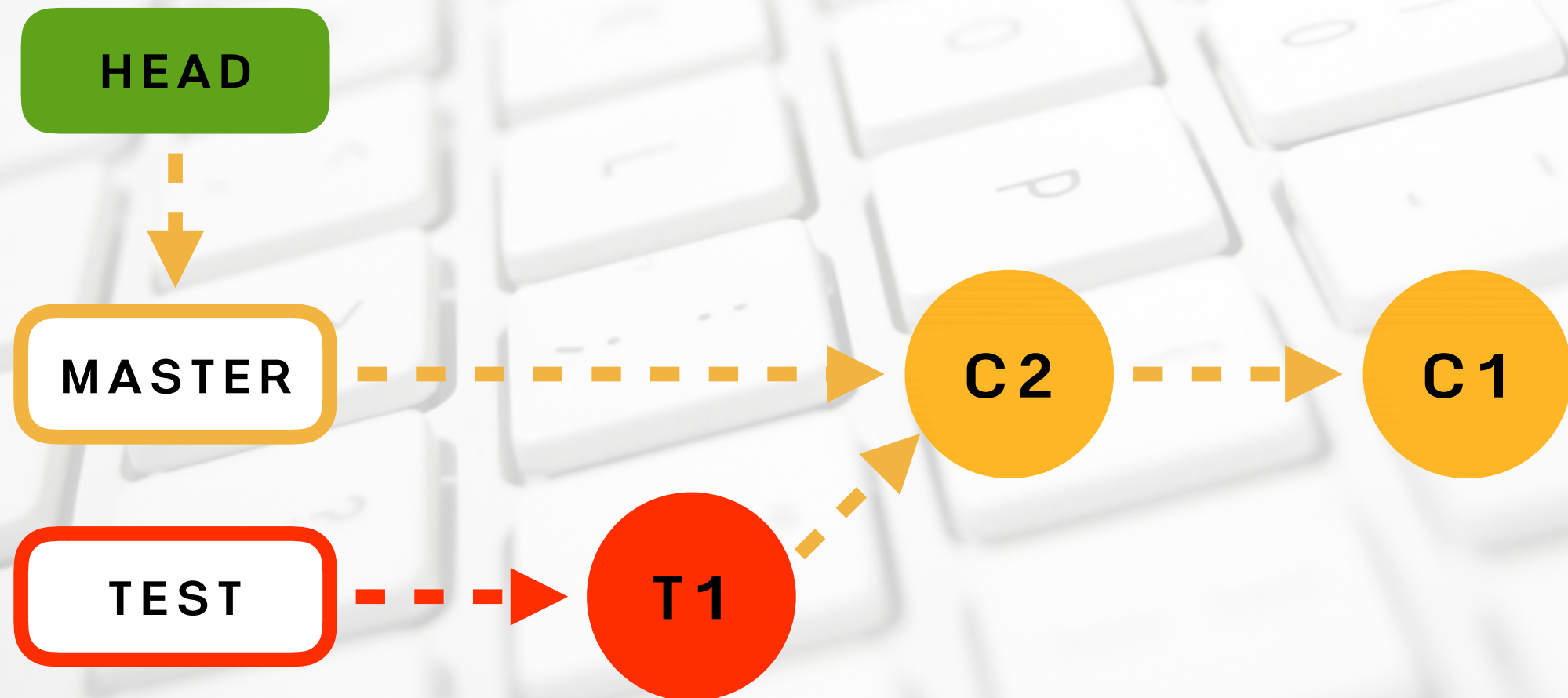
# Add commit in a new branch

`$git commit`



# Switch to master branch

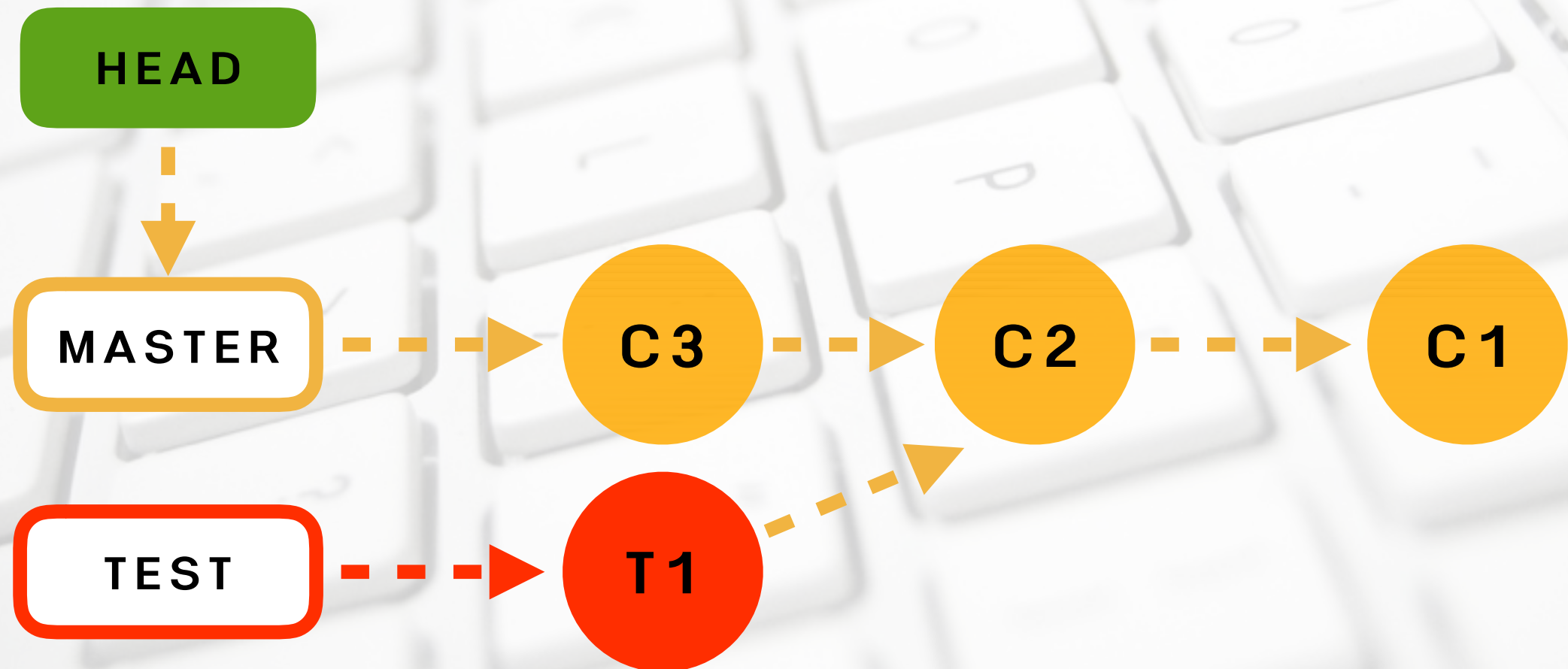
\$git **checkout master**





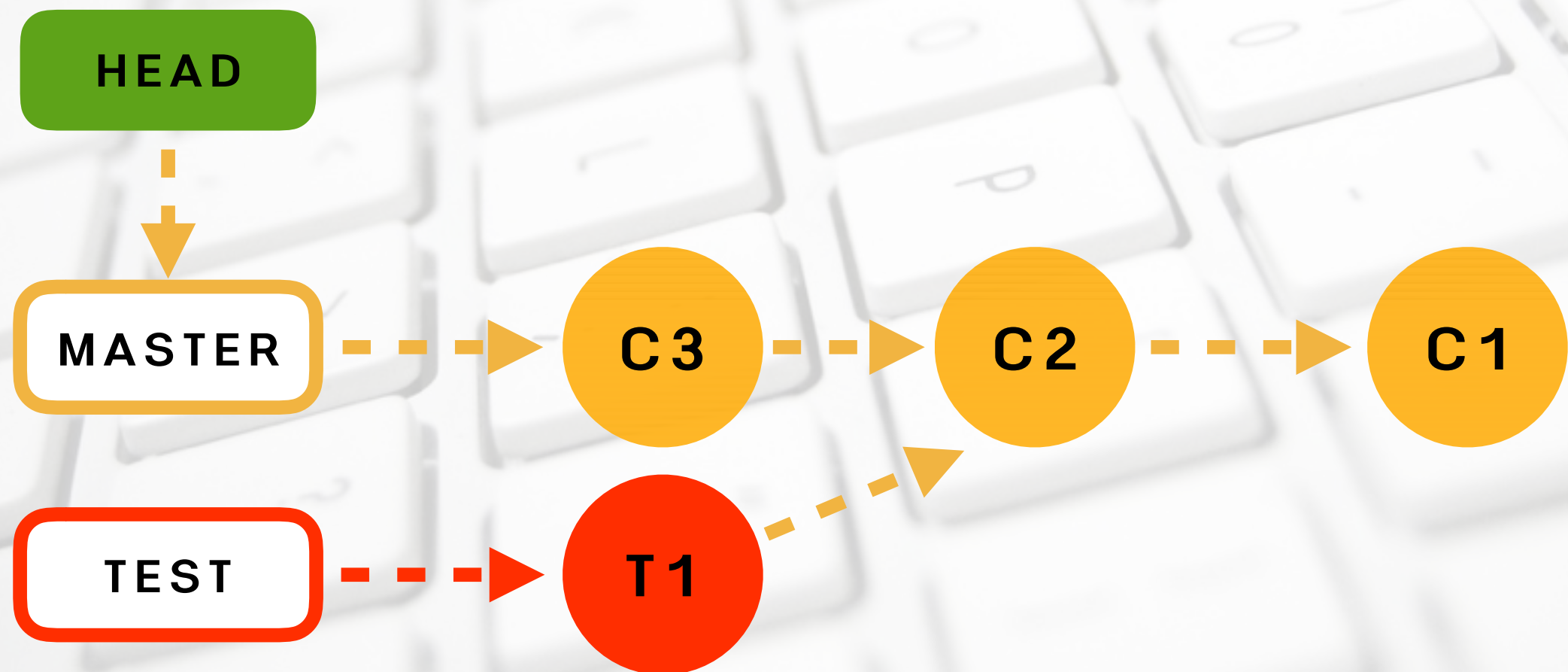
# Add third commit on master

`$git commit`



# Delete branch (Not current branch)

```
$git branch -d test
```



# Switch branch without committing ?

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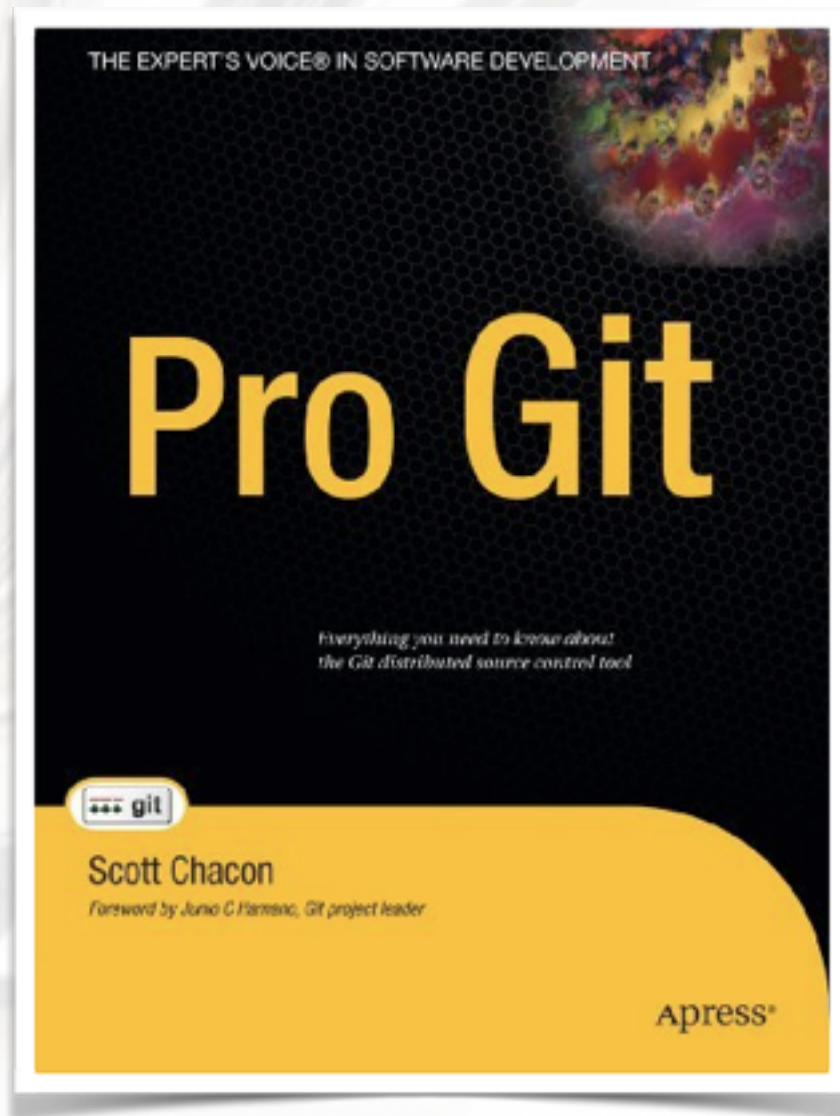
# Switch branch without committing ?

\$git **try by yourself**

Conflict and without conflict



# Books to Read and Practice



<http://www.git-scm.com/book/en/v2>



<http://shop.oreilly.com/product/0636920034520.do>