



Institución Universitaria

Acreditada en Alta Calidad

ANDRES
MARTINEZ
GUTIERREZ

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DATABASE ADMINISTRATION ADVANCED



Oracle Code Day Medellín

En este día podrás saber todo sobre las últimas tecnologías, arquitecturas y prácticas, incluyendo:

- Java y JavaScript
- Containers, Microservices & Serverless
- Chatbots and Mobile
- Blockchain
- Databases & Big Data
- DevOps, Tools & Low Code Platforms

Participa del **Hands-On Lab** de Desarrollo Nativo de Contenedores, Docker y ChatBots con IA.

¡Aprovecha nuestras **demos y workshops** de IoT, elaboración de cerveza, y mucho más!

Asiste a las sesiones con los mejores conferencistas, que marcan la pauta para los Desarrolladores en Java, Node.js y otros lenguajes usando bases de datos Oracle, MySQL y NoSQL, así como otras tecnologías de **código abierto**.



**¡Regístrate hoy
mismo!**



AGENDA

- ⑤ Git branching
- ⑤ Pushing code to Github
- ⑤ Demo
- ⑤ Practice

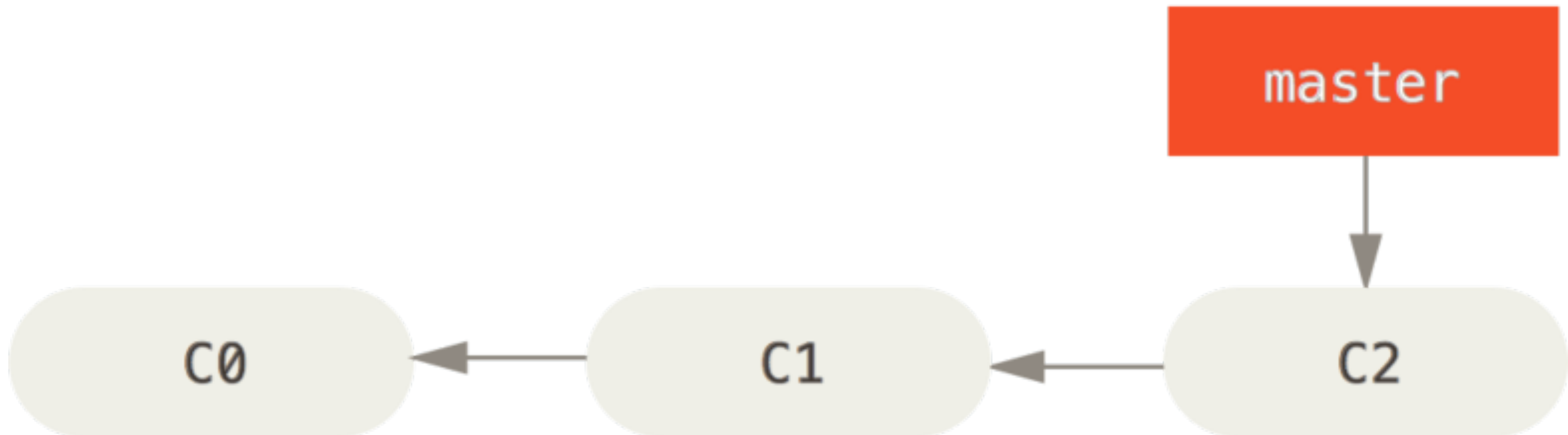
Git Branching

Git branching

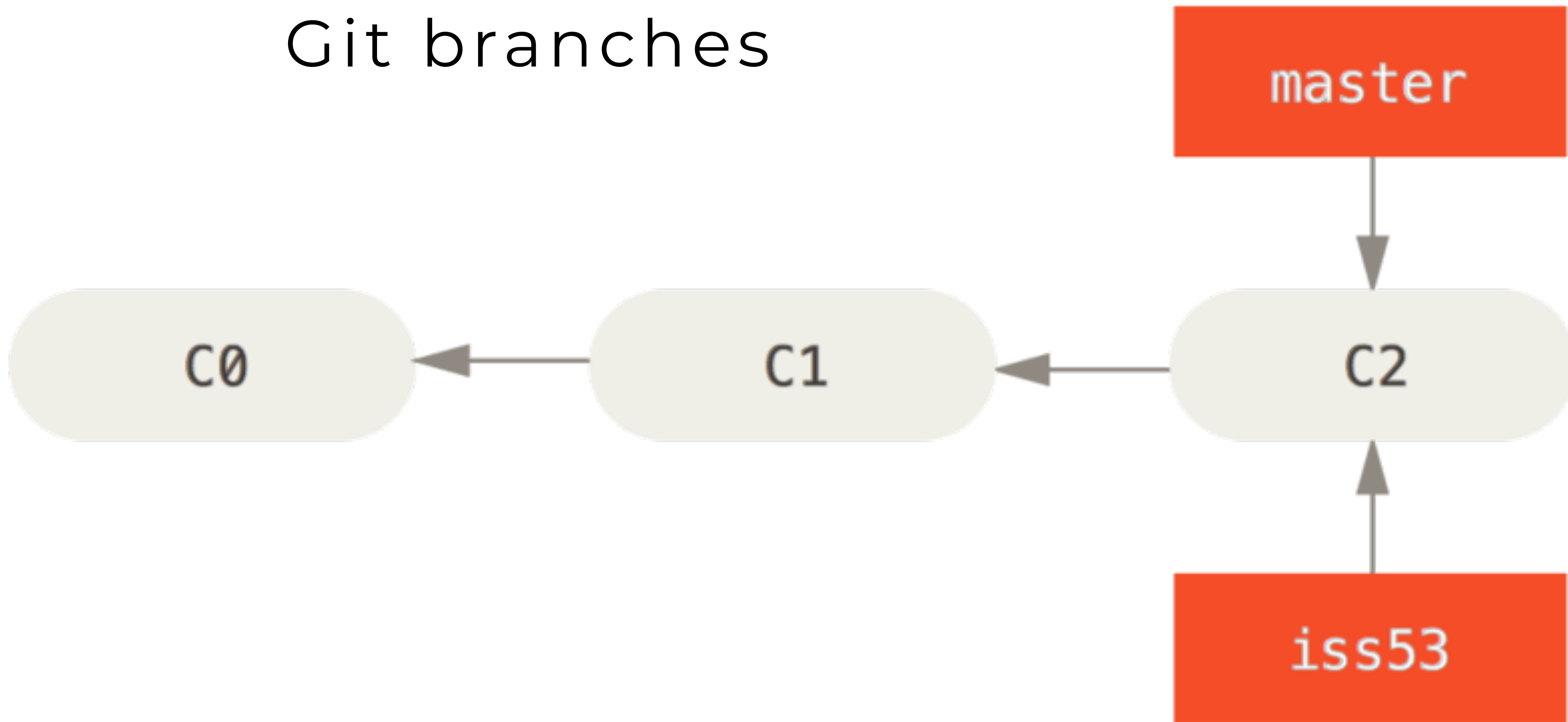
- Diversion of main line of development
- No messing with main code
- Lightweight (Switching back and forth fast)
- Remember: ***Commit = Series of snapshots***



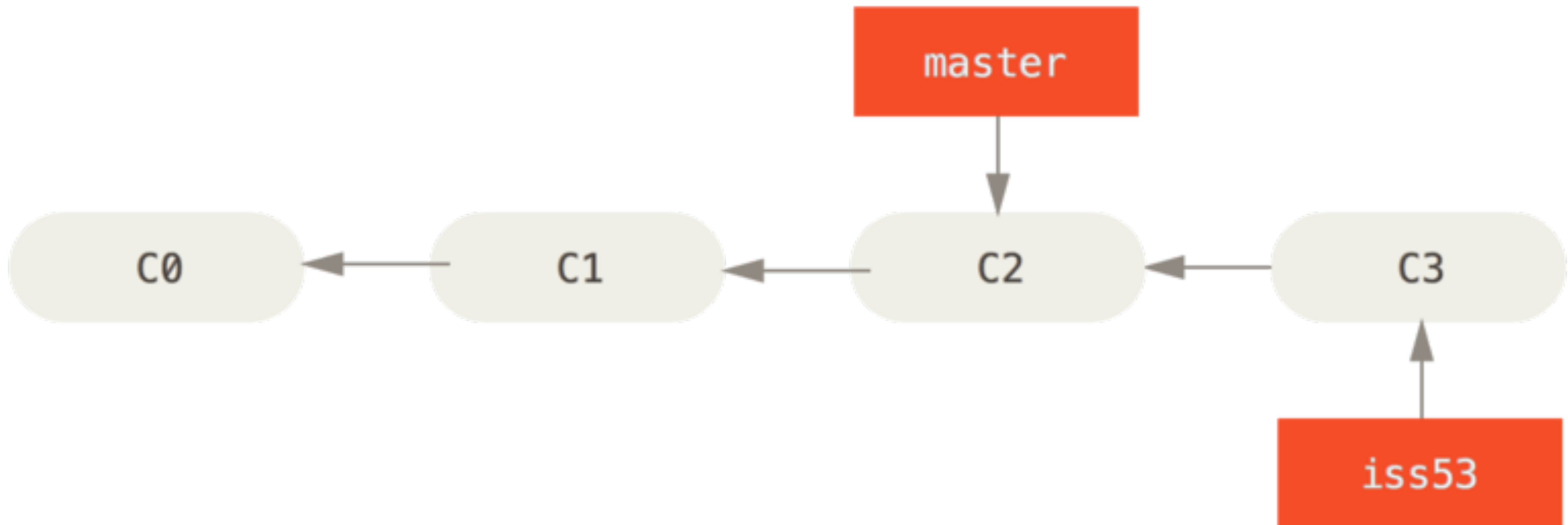
Git branches



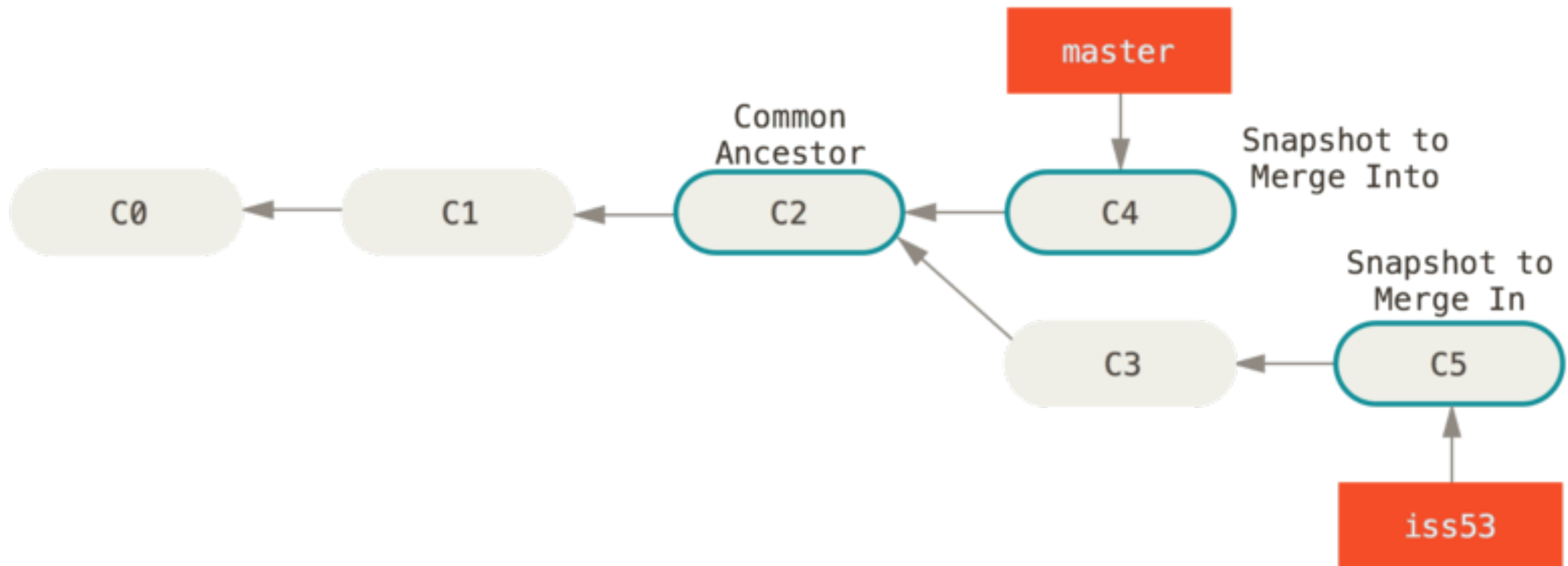
Git branches



Git branches



Git branches



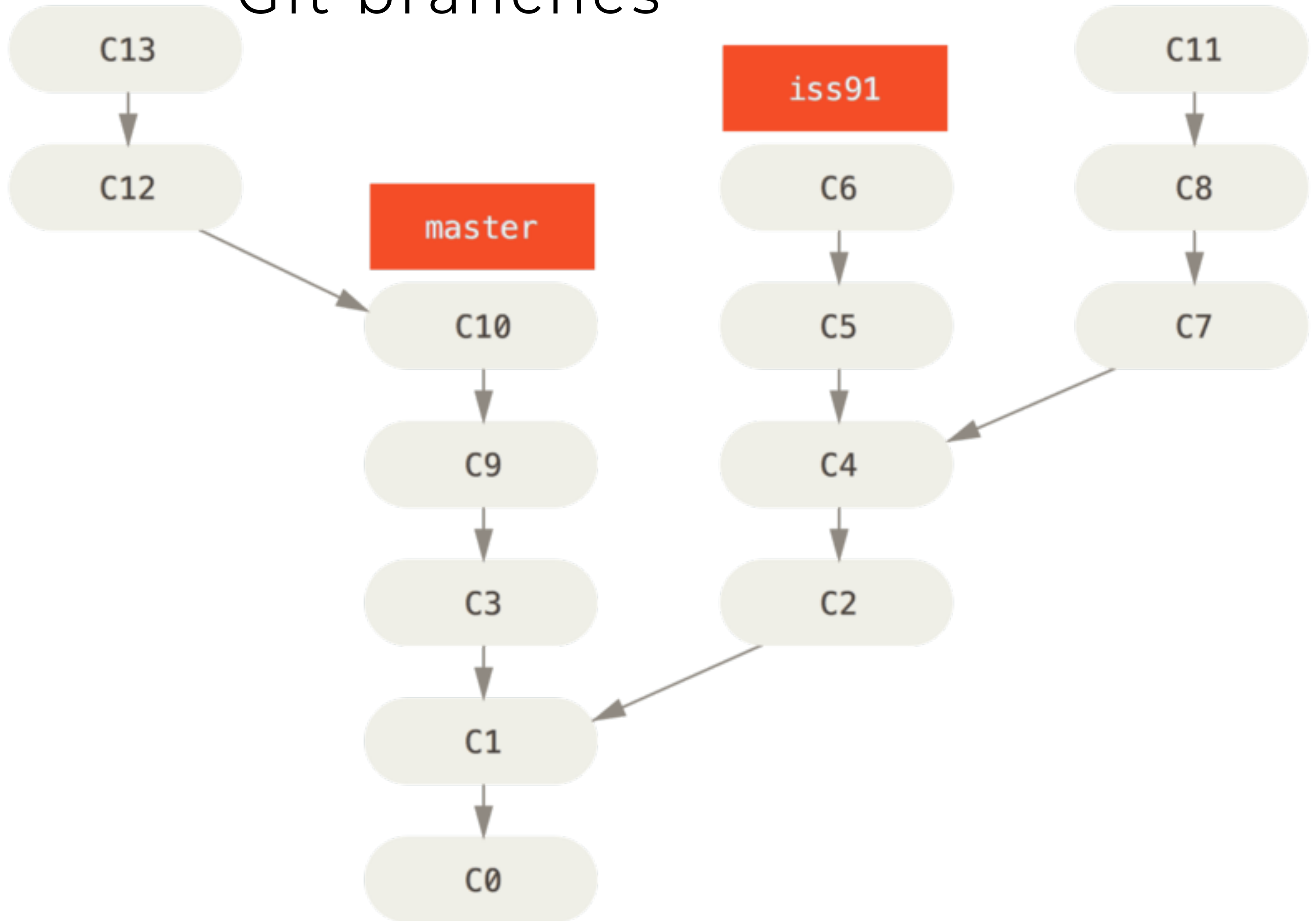
dumbidea

Git branches

iss91v2

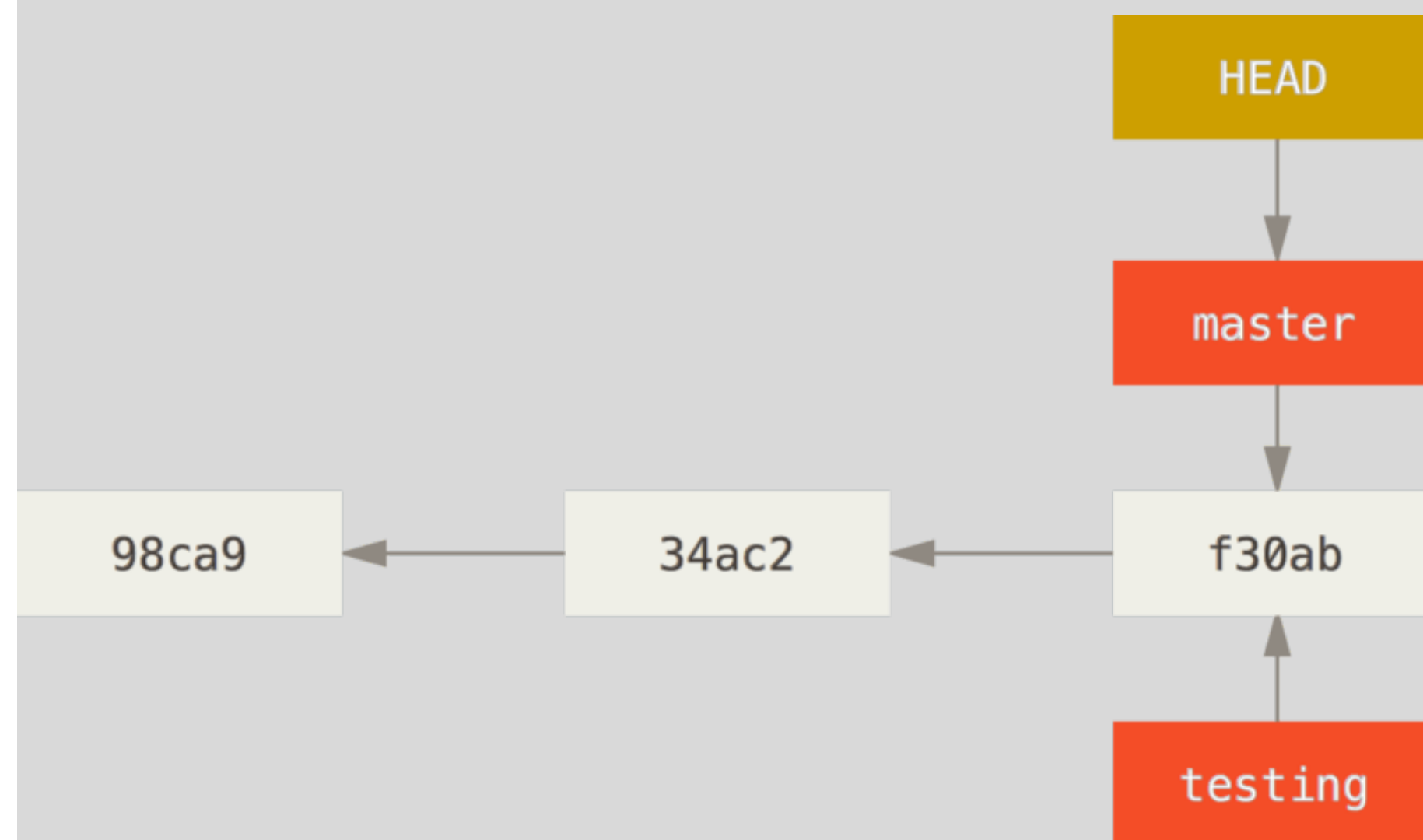
iss91

master



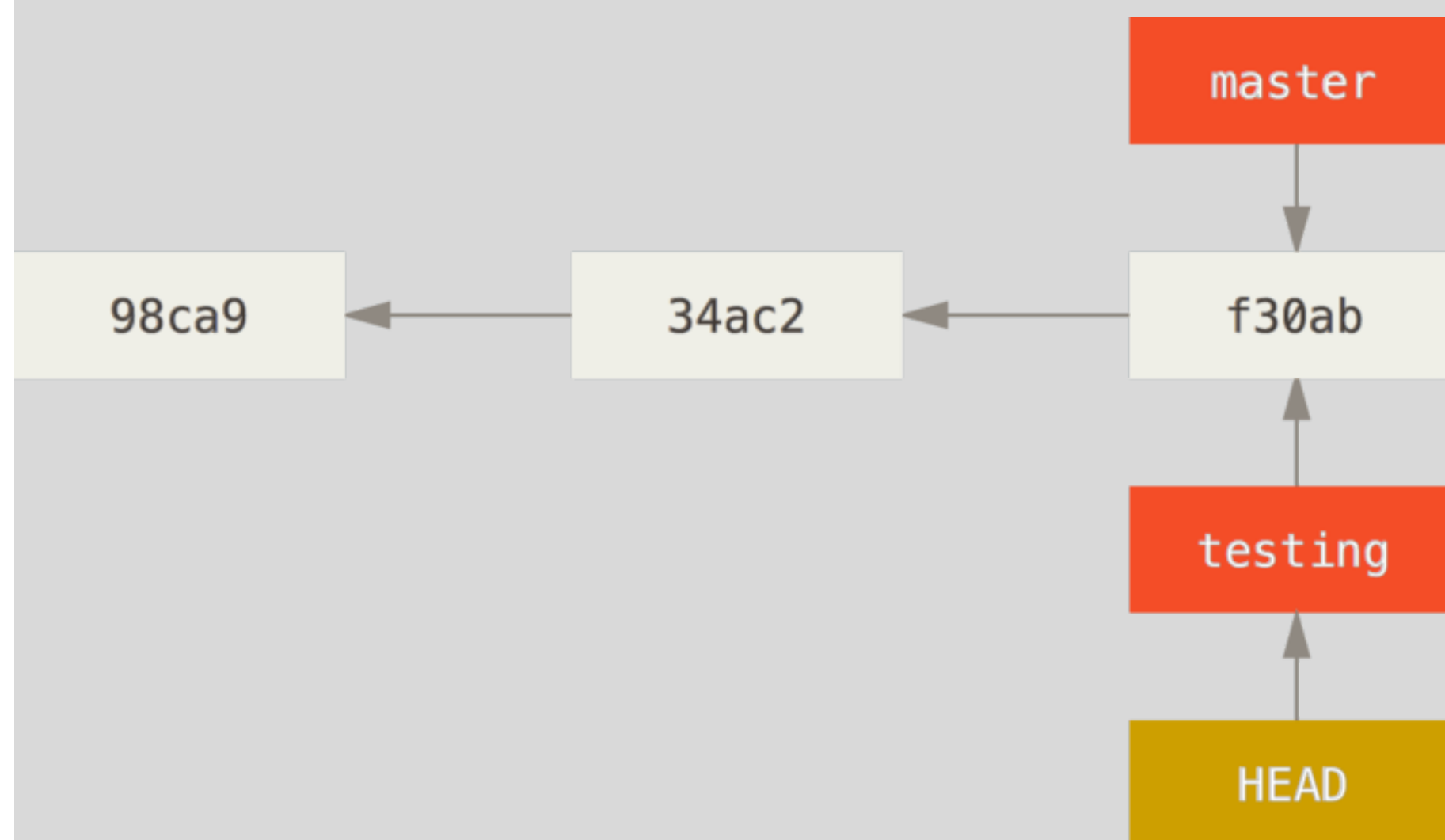


```
$ git branch testing
```



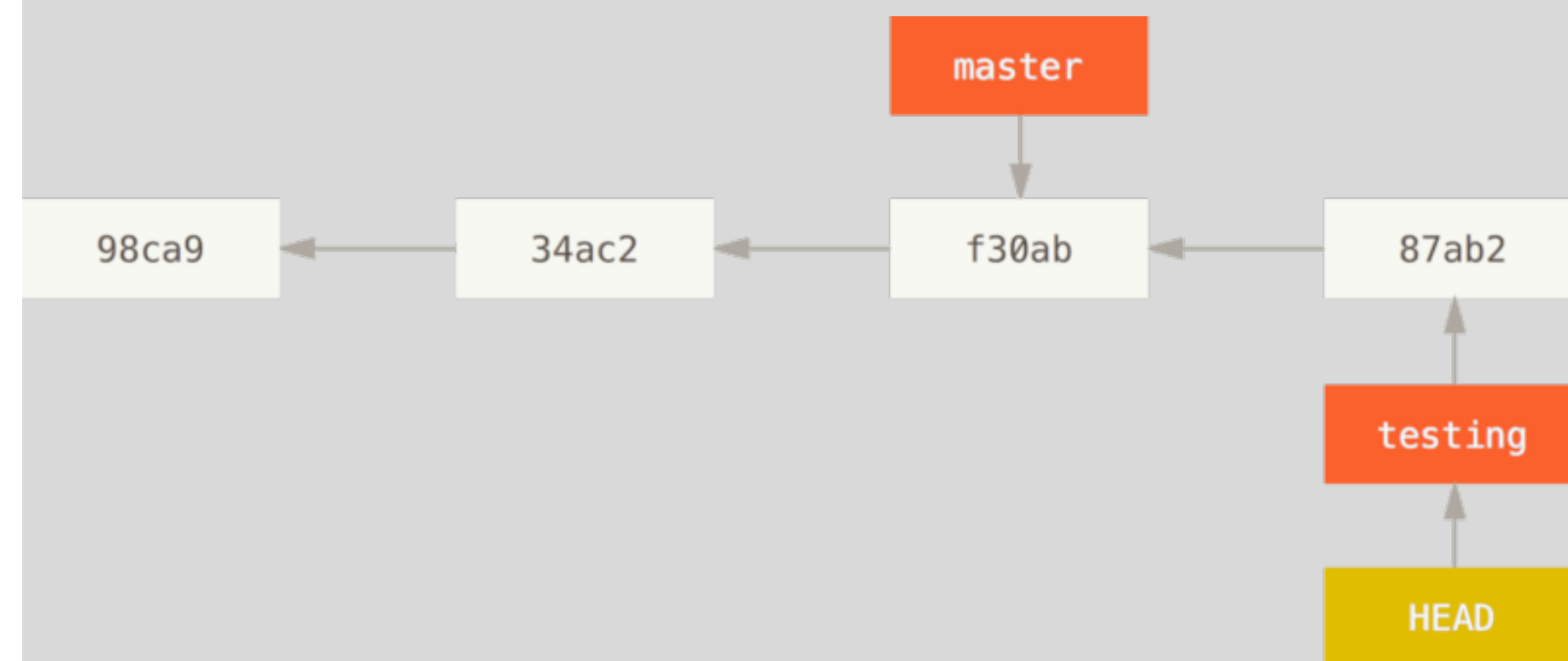


```
$ git checkout testing
```



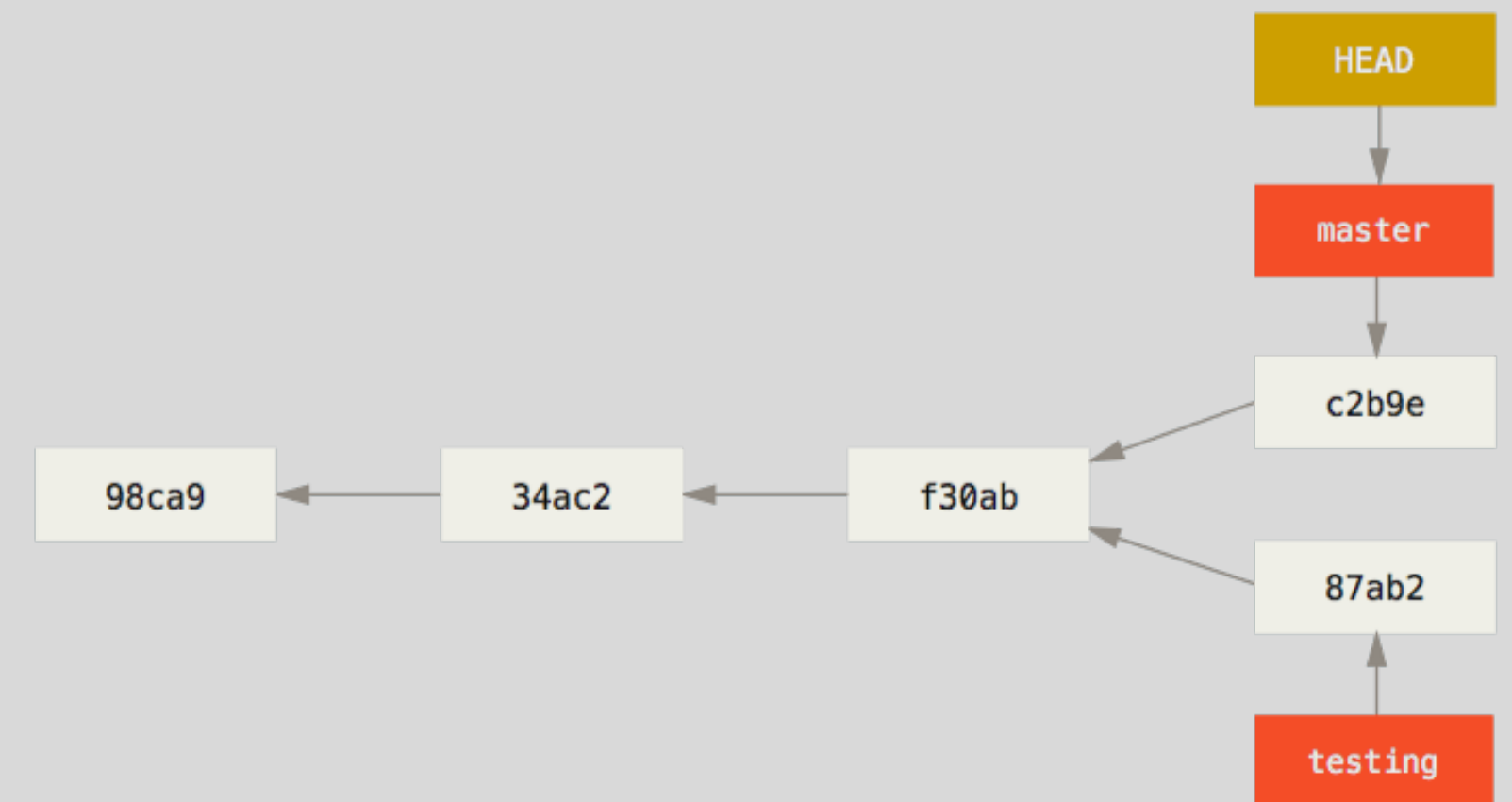


```
$ echo 'Hello, world.' > test.rb  
$ git commit -a -m 'made a change'
```



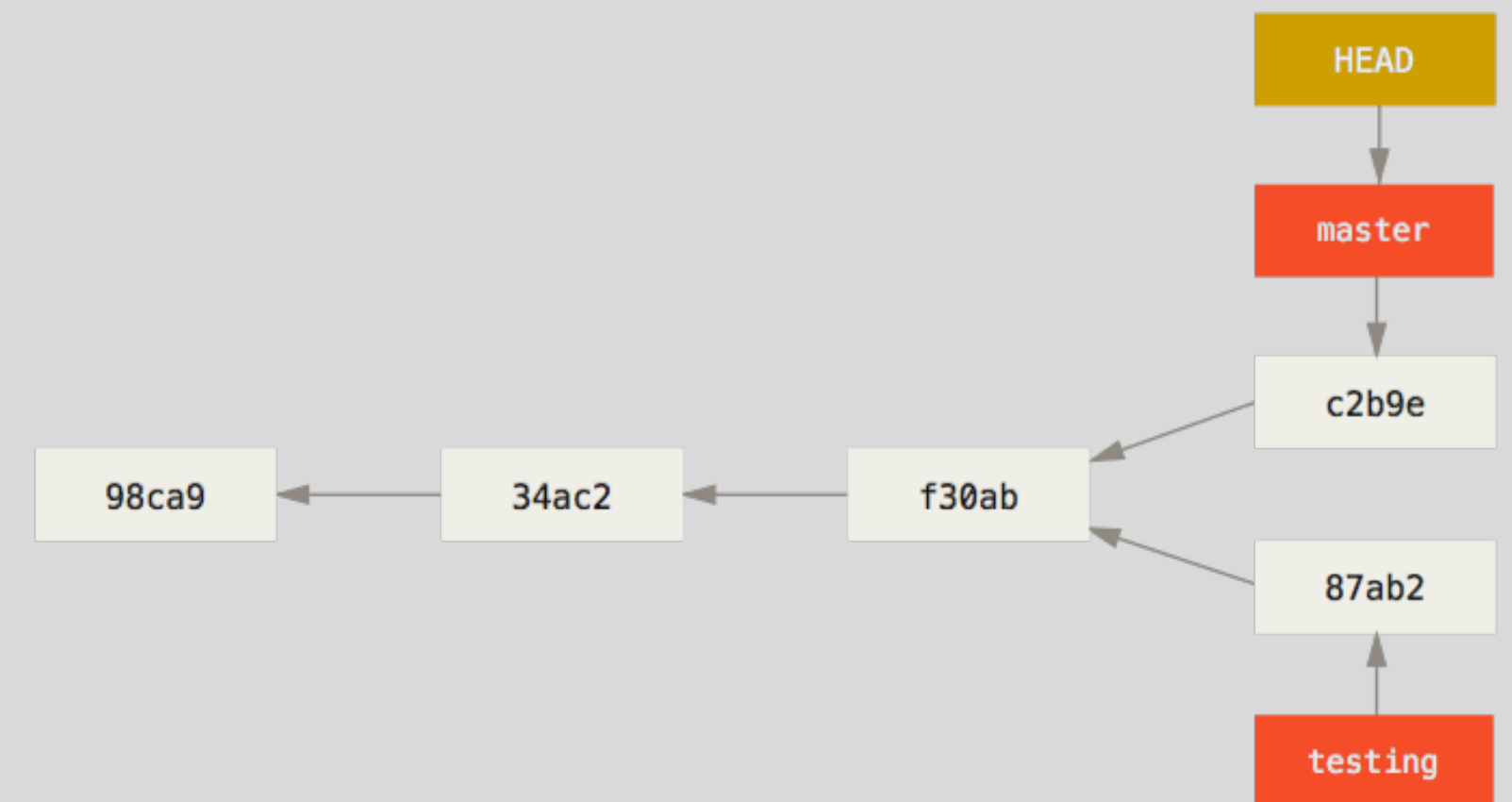


```
$ git checkout master  
$ echo -e "\n New text added" >> test.rb  
$ git commit -a -m 'made other changes'
```

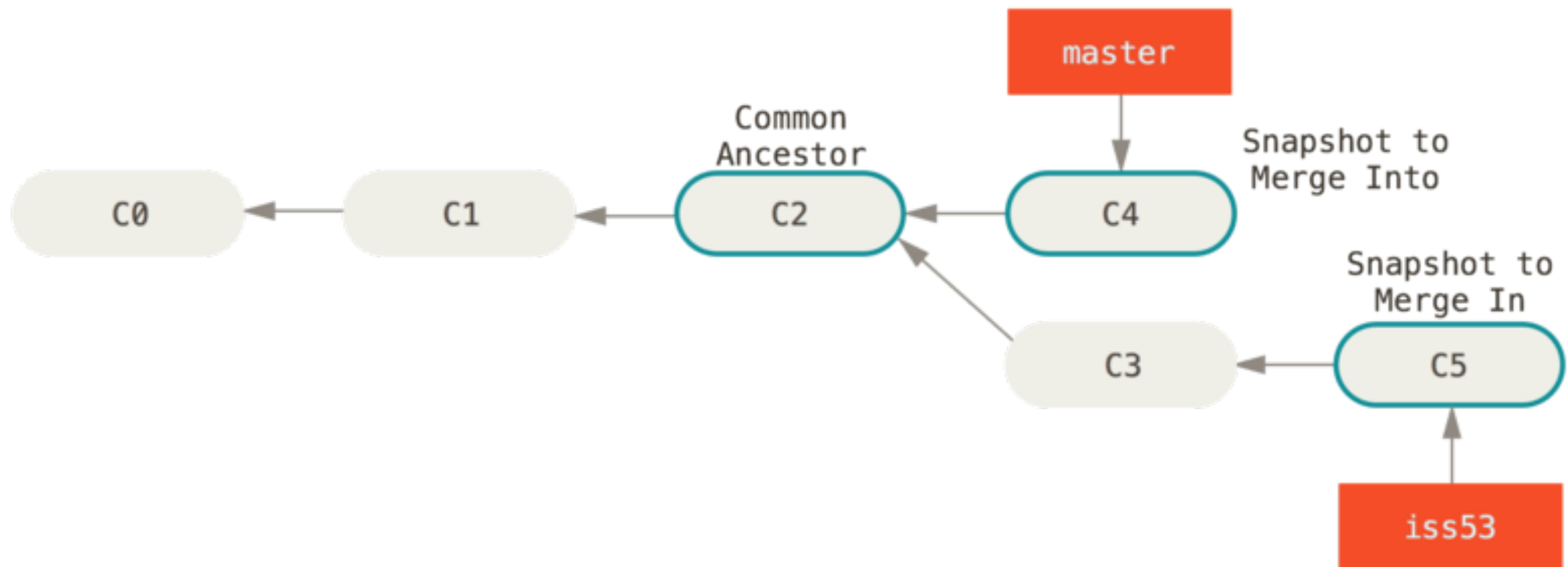




```
$ git log --oneline --decorate --graph --all
* c2b9e (HEAD, master) made other changes
| * 87ab2 (testing) made a change
|/
* f30ab add feature #32 - ability to add new formats to the
* 34ac2 fixed bug #1328 - stack overflow under certain conditions
* 98ca9 initial commit of my project
```

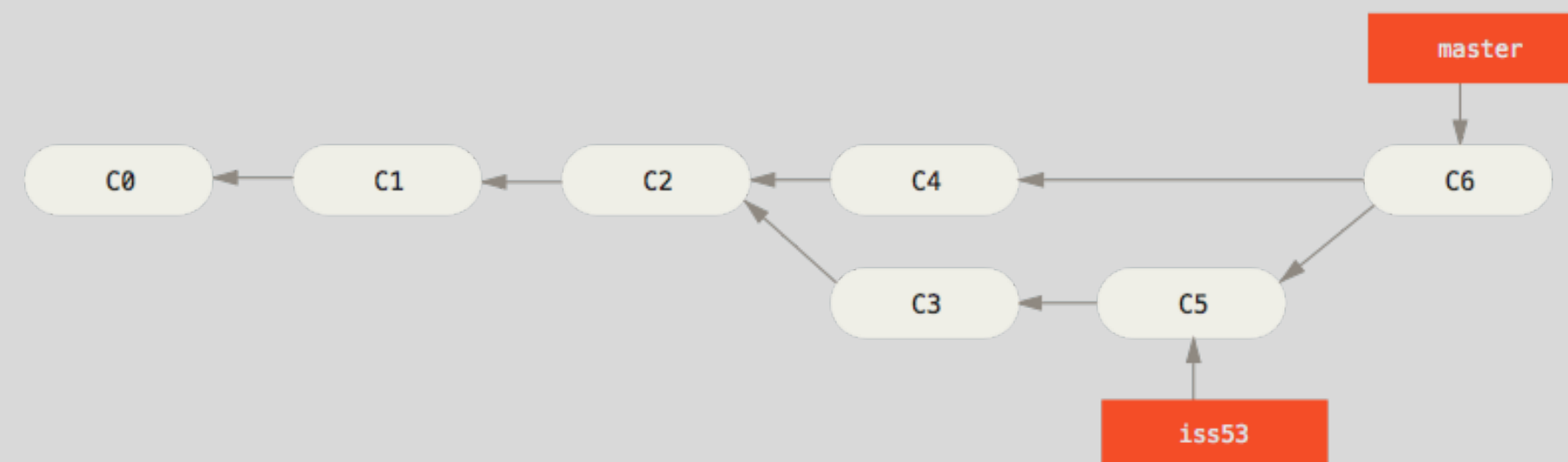


Merging branches





```
$ git checkout master
Switched to branch 'master'
$ git merge iss53
Merge made by the 'recursive' strategy.
index.html | 1 +
1 file changed, 1 insertion(+)
$ git branch -d iss53
```



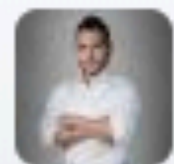


How to know current
branch

```
$ git branch  
    iss53  
* master  
    testing
```

Pushing code to Github

Create a new Repository



amartinezg



Repositories

New repository

Find a repository...



staqapp/extractors



staqapp/staq_integration

Create a new Repository

Create a new repository

A repository contains all the files for your project, including the revision history.

Owner

 amartinezg ▾

Repository name

/ Testing_repo ✓

Great repository names are short and memorable. Need inspiration? How about **studious-train**.

Description (optional)

☐

Public

Anyone can see this repository. You choose who can commit.

☒

Private

You choose who can see and commit to this repository.

☐

Initialize this repository with a README

This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: **None** ▾

Add a license: **None** ▾



Create repository

There are three ways of creating a new repository

- ① create a new repository on the command line
- ① push an existing repository from the command line
- ① import code from another repository

Create a new Repository

Quick setup — if you've done this kind of thing before

📄 Set up in Desktop

 or

HTTPS

SSH

git@github.com:amartinezg/Testing_repo.git

📄

We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# Testing_repo" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin git@github.com:amartinezg/Testing_repo.git
git push -u origin master
```

📄

...or push an existing repository from the command line

```
git remote add origin git@github.com:amartinezg/Testing_repo.git
git push -u origin master
```

📄

...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

Import code

New repository from command line



```
echo "# Testing_repo" >> README.md  
git init  
git add README.md  
git commit -m "first commit"  
git remote add origin git@github.com:amartinezg/Testing_repo.git  
git push -u origin master
```


Push an existing repository from the command line



```
$ git remote add origin git@github.com:amartinezg/Testing_repo.git  
$ git push -u origin master
```

Online Resources

- ① <https://git-scm.com/book/en/v2>
- ① <https://nvie.com/posts/a-successful-git-branching-model/>
- ① <https://services.github.com/on-demand/downloads/github-git-cheat-sheet/>

Thank you!