



# Введение в git

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iTeam 2017

# Принцесса Гита



ИНДИЙСКИЙ ЧЕРНЫЙ ЧАЙ В ПАКЕТИКАХ ДЛЯ РАЗОВОЙ ЗАВАРКИ



*Индия*

**30**  
пакетиков

Принцесса Гита



# git





**ЗАЧЕМ**

# Зачем?

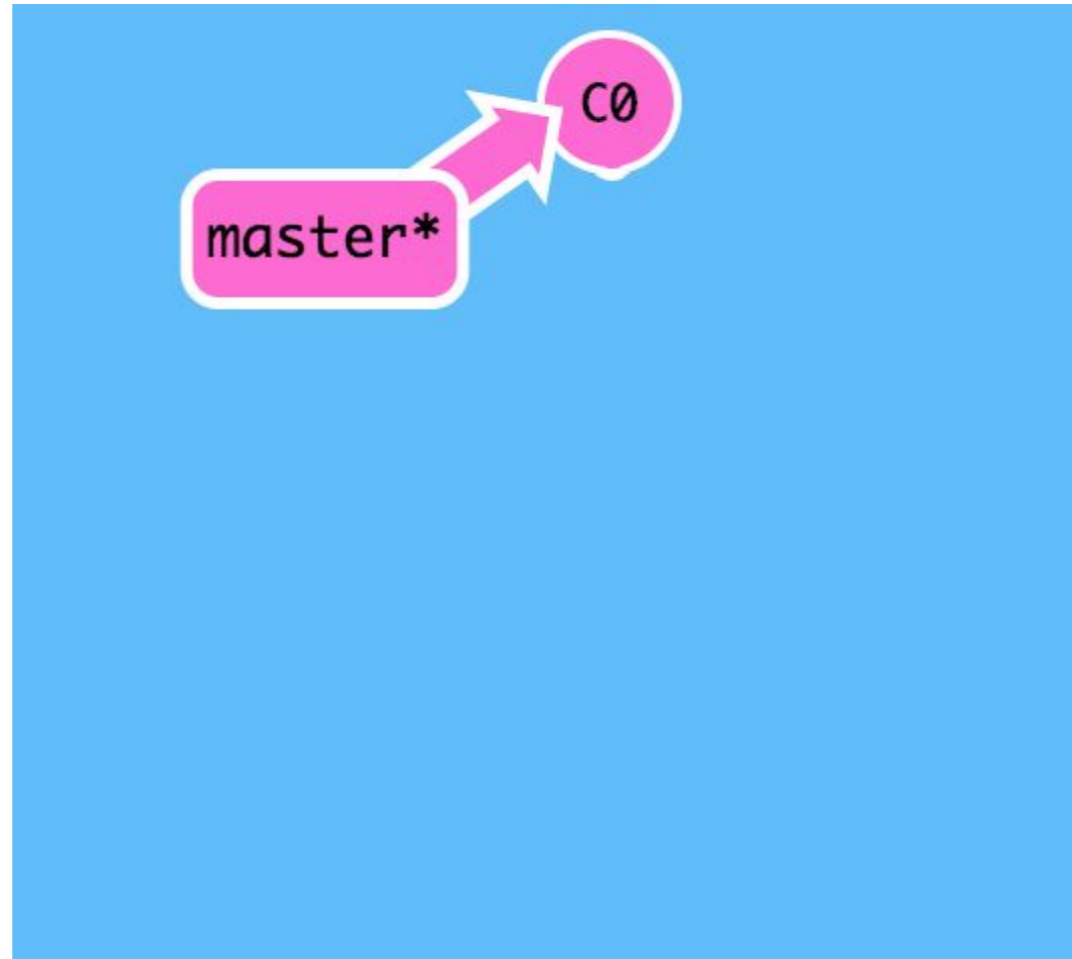
1. Перемещаться между версиями программы



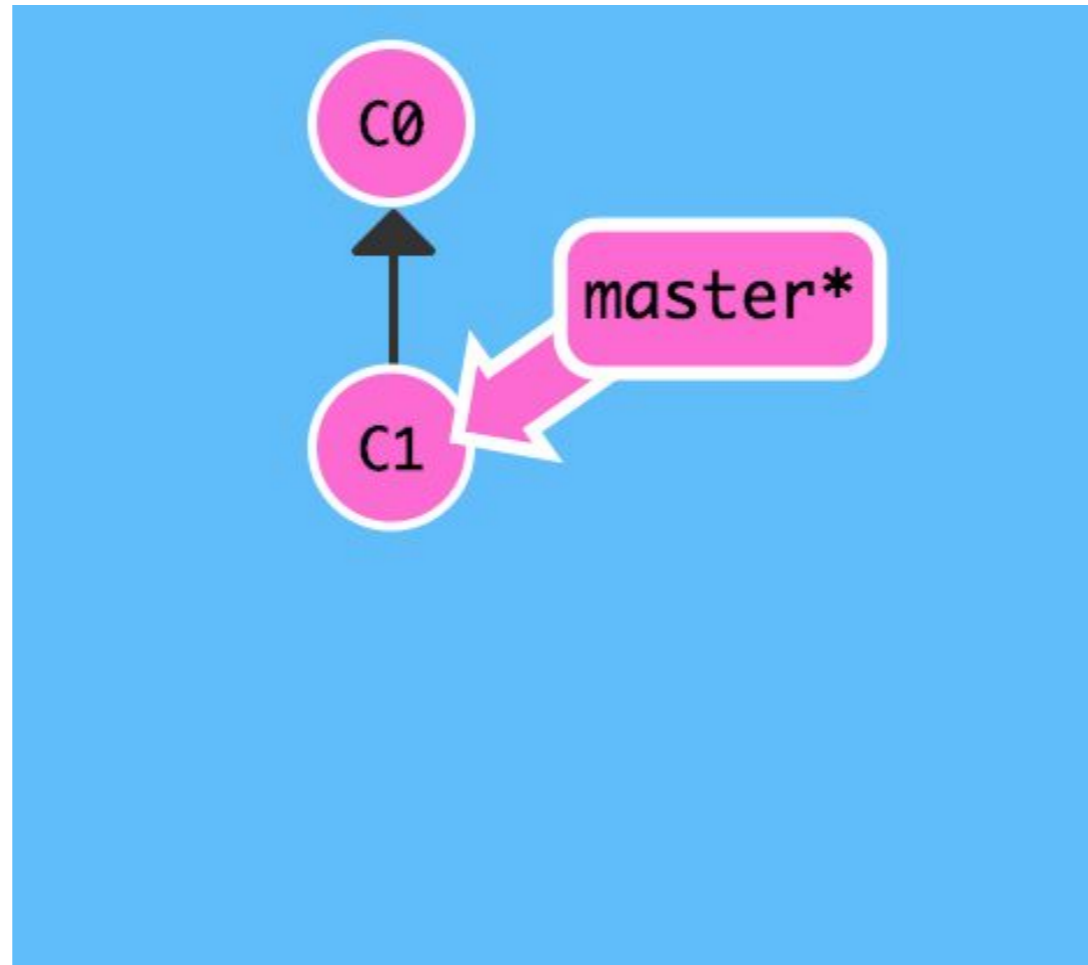
# Зачем?

1. Перемещаться между версиями программы
2. Работа в коллективе

# Работа с git

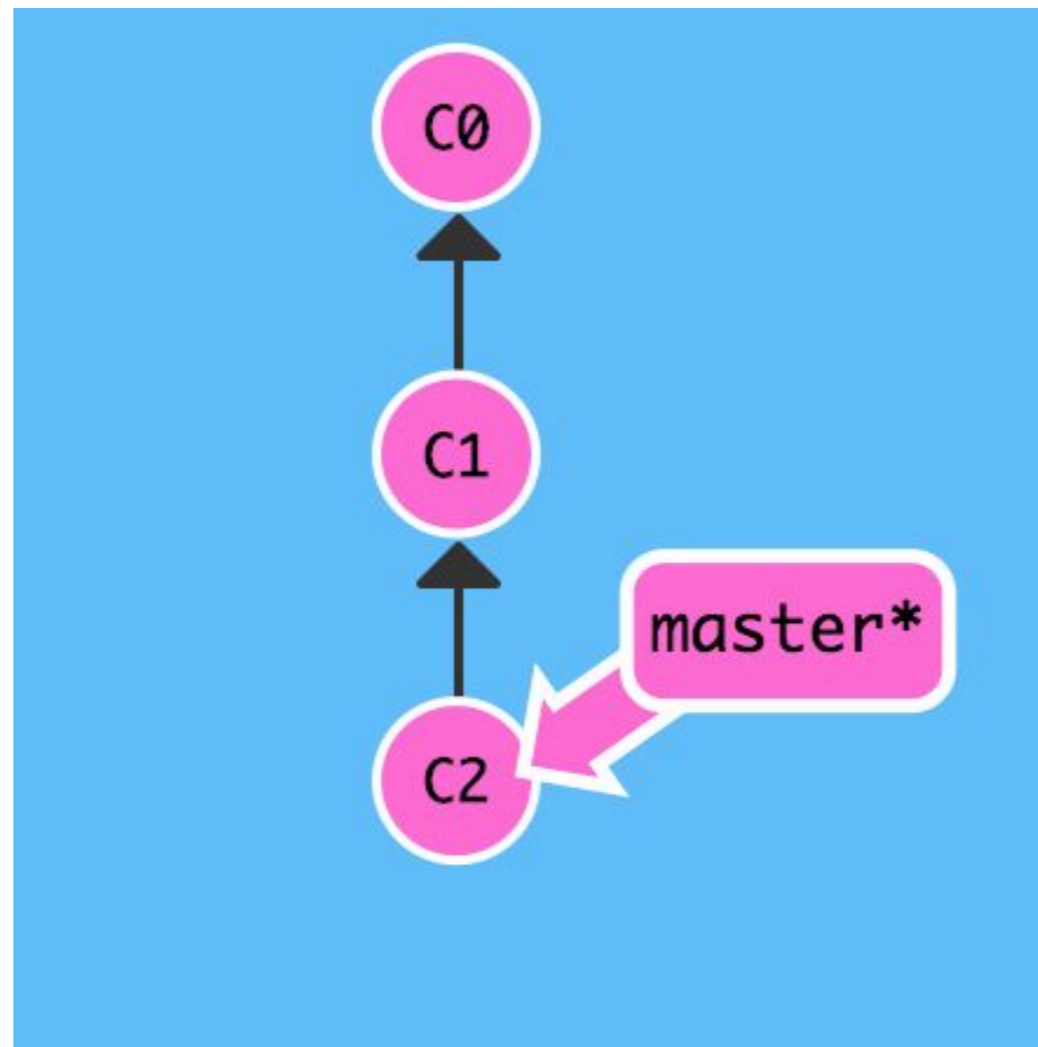


# Работа с git





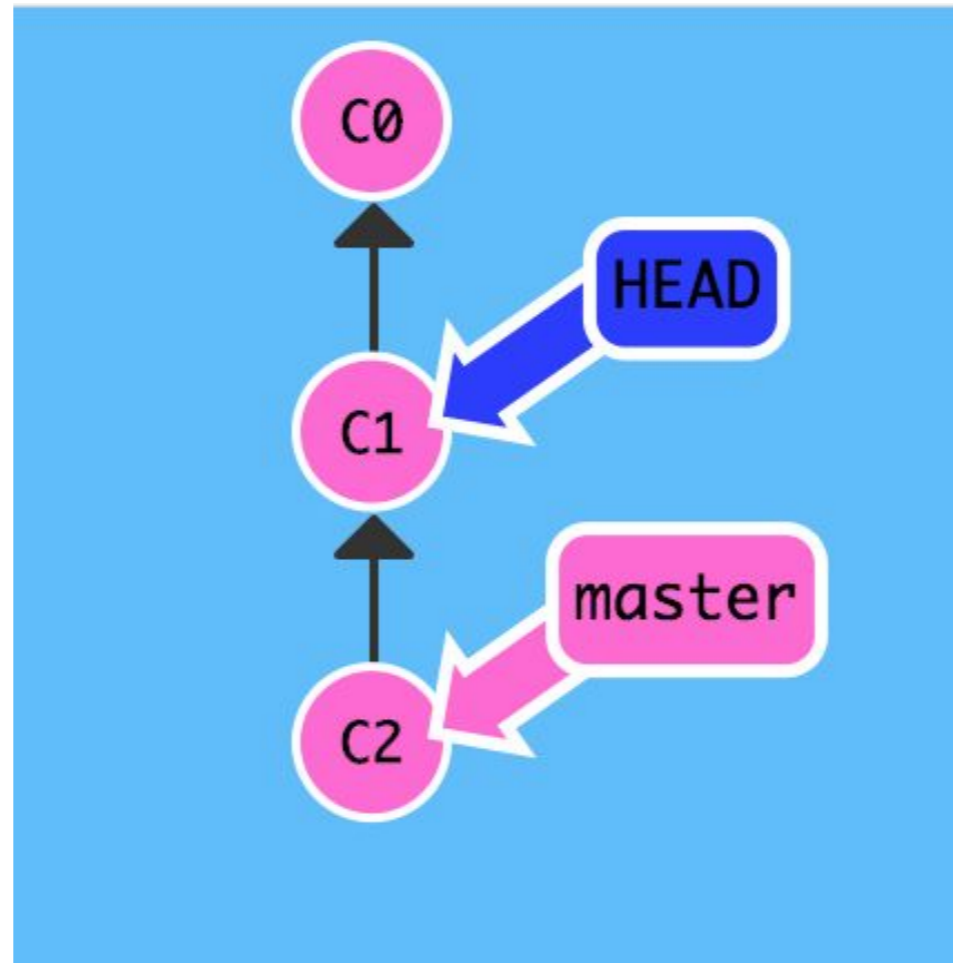
# Работа с git



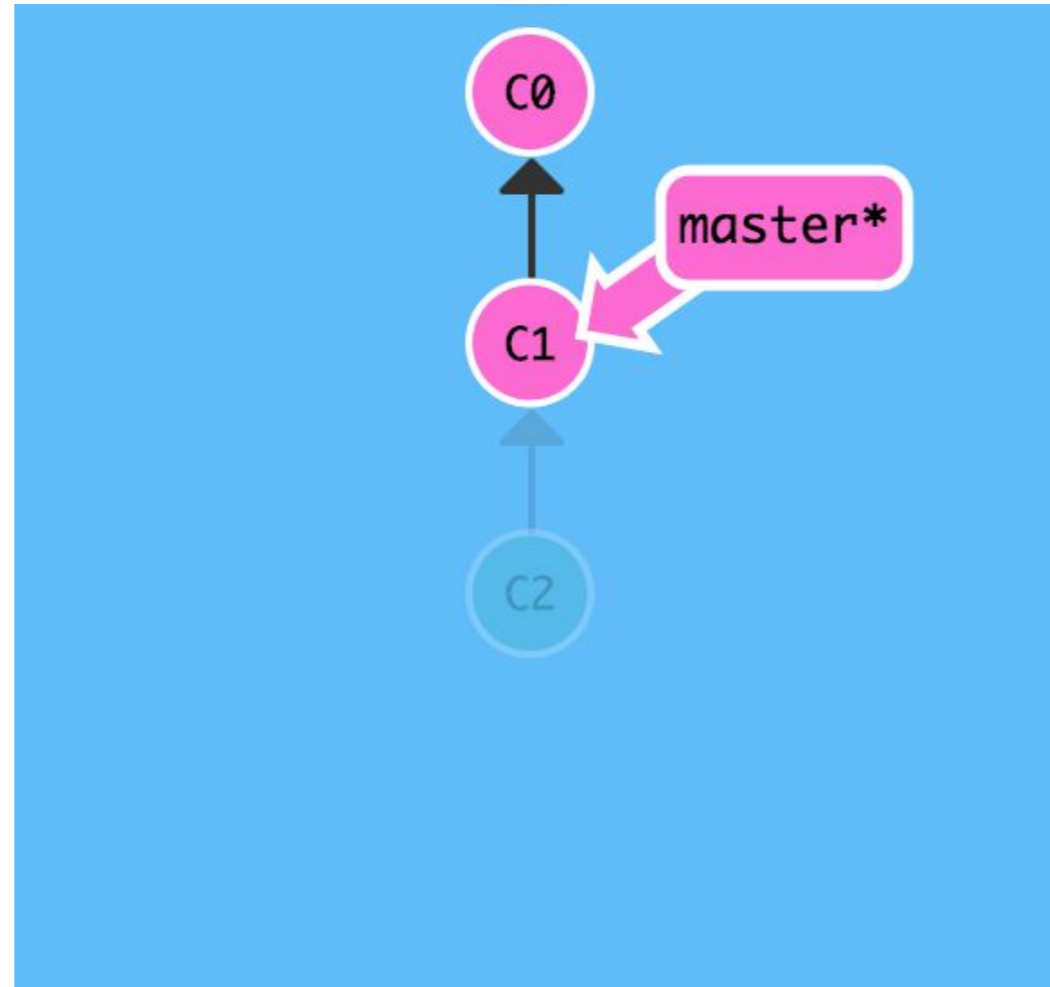
# Работа с git

```
*   commit 9c8e9fd335381fe6a97708f7b3cd1d5acf670d2d
|\  Merge: 8aba87e... 6041ddd...
| | Author: Nick Quaranto <nick@quaran.to>
| | Date:   Sun Jan 25 13:22:03 2009 -0500
| |
| |     Fixing conflict!
| |
| *   commit 6041dddac354fff0feec911e75a575082d8addb8
| | Author: Nick Quaranto <nick@quaran.to>
| | Date:   Sun Jan 25 13:10:23 2009 -0500
| |
| |     Changing cutoff default
| |
| *   commit 8aba87e2e24744b7d1941e104b35033b9e2dbab5
|/  Author: Nick Quaranto <nick@quaran.to>
|   Date:   Sun Jan 25 13:16:04 2009 -0500
|
|       Causing a merge on purpose
|
| *   commit 670e3538533554d0643ca128428997c98eb5d54e
| Author: Nick Quaranto <nick@quaran.to>
| Date:   Sun Jan 25 13:04:30 2009 -0500
|
|       Adding cutoff method to string
|
```

# Работа с git



# Работа с git





# Работа с git

The screenshot shows a code editor window titled "Git Blame — GitGutter". The interface is divided into three main sections:

- GROUP 1:** A sidebar on the left showing a file tree. It includes "Git Blame" and "GROUP 2" which contains "git\_gutter.py". Under "FOLDERS", there is a "GitGutter" folder containing various files like ".gitignore", "Default (OSX).sublime-keymap", "Default (Windows).sublime-keymap", "git\_gutter.py", "git\_gutter\_change.py", "git\_gutter\_events.py", "git\_gutter\_handler.py", "git\_helper.py", "GitGutter.sublime-settings", "LICENSE", "Main.sublime-menu", "README.md", "screenshot.png", and "view\_collection.py".
- Git Blame:** A central panel showing a list of lines from the file, each with a line number, a commit hash, and the author's name. For example, line 1 is "1 17834bcd (JD Isaacks)".
- git\_gutter.py:** The main code editor showing the Python code for the plugin. The code includes imports for "sublime" and "sublime\_plugin", a "try" block for importing "ViewCollection", a "plugin\_loaded()" function that handles icon creation, and a "GitGutterCommand" class with "run" and "clear\_all" methods.

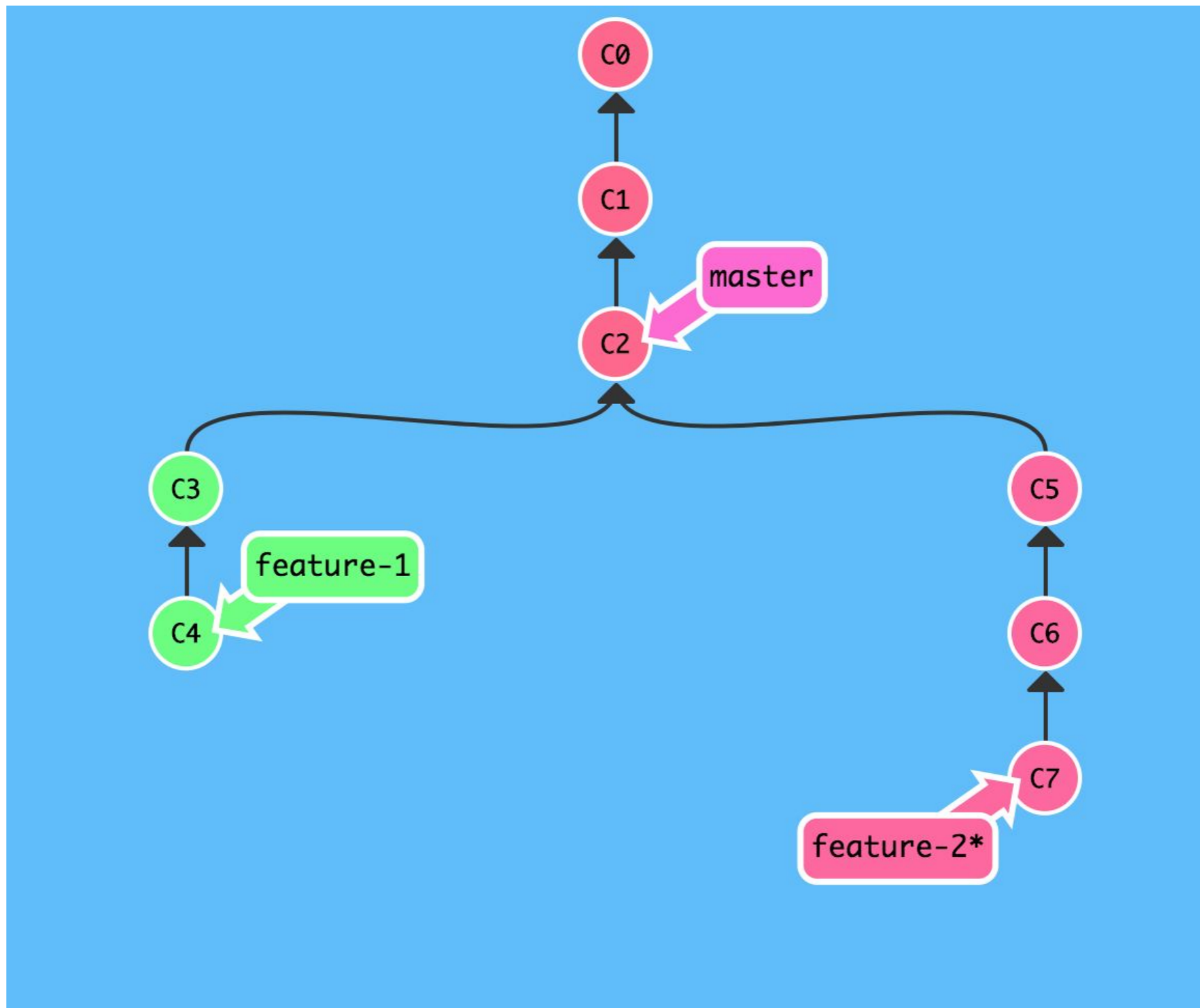
```
1 import sublime
2 import sublime_plugin
3 try:
4     from GitGutter.view_collection import ViewCollection
5 except ImportError:
6     from view_collection import ViewCollection
7
8
9 def plugin_loaded():
10     """
11     Ugly hack for icons in ST3
12     kudos:
13     github.com/facelessuser/BracketHighlighter/blob/BH2ST3/bh_core.py#L1380
14     """
15     from os import makedirs
16     from os.path import exists, join
17
18     icon_path = join(sublime.packages_path(), "Theme - Default")
19     if not exists(icon_path):
20         makedirs(icon_path)
21
22
23 class GitGutterCommand(sublime_plugin.WindowCommand):
24     region_names = ['deleted_top', 'deleted_bottom',
25                    'deleted_dual', 'inserted', 'changed']
26
27     def run(self):
28         self.view = self.window.active_view()
29         if not self.view:
30             # View is not ready yet, try again later.
31             sublime.set_timeout(self.run, 1)
32             return
33         self.clear_all()
34         inserted, modified, deleted = ViewCollection.diff(self.view)
35         self.lines_removed(deleted)
36         self.bind_icons('inserted', inserted)
37         self.bind_icons('changed', modified)
38
39     def clear_all(self):
40         for region_name in self.region_names:
41             self.view.erase_regions('git_gutter_%s' % region_name)
```

Line 84, Column 1

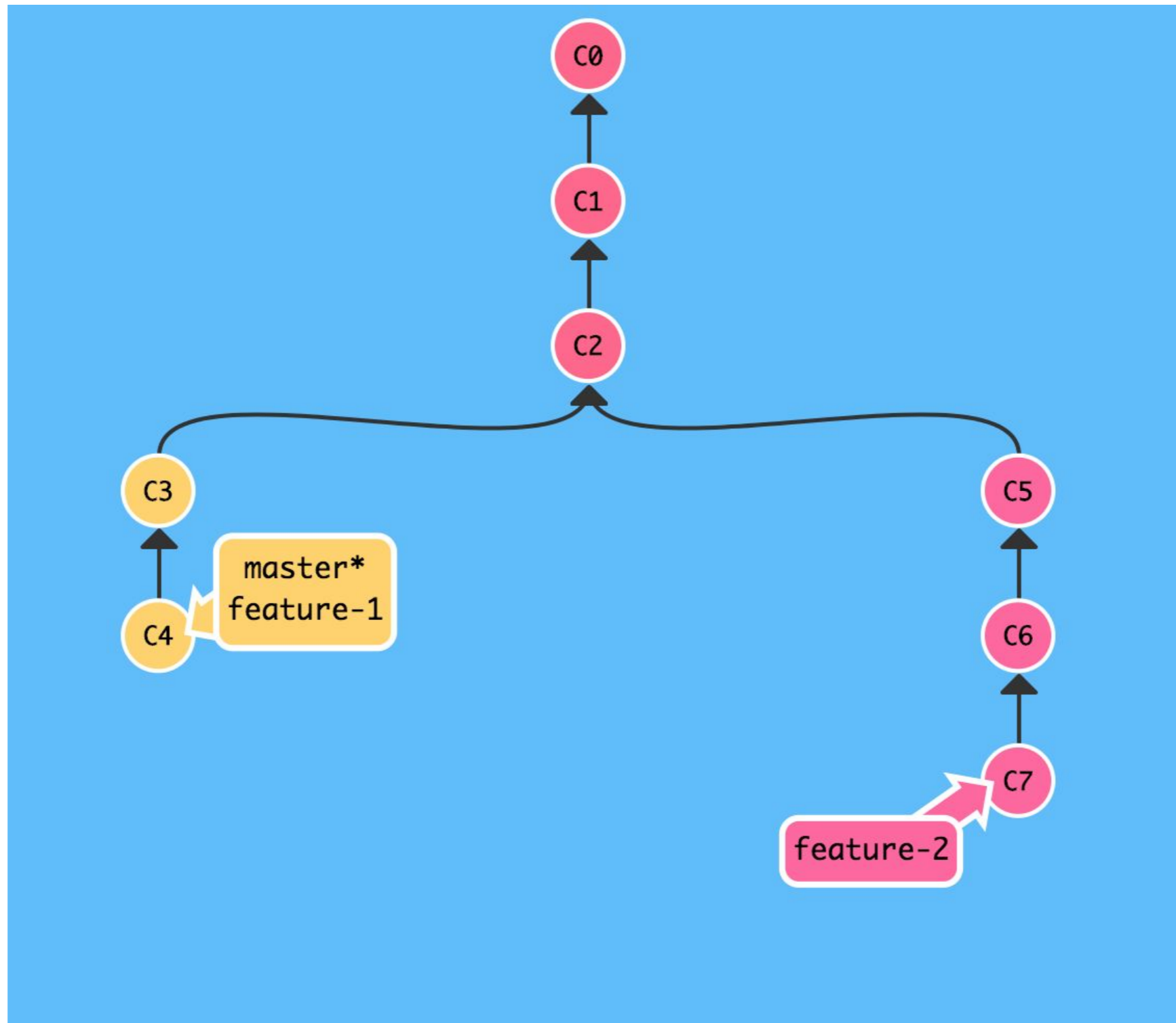
Spaces: 2

Git Blame

# Работа с git

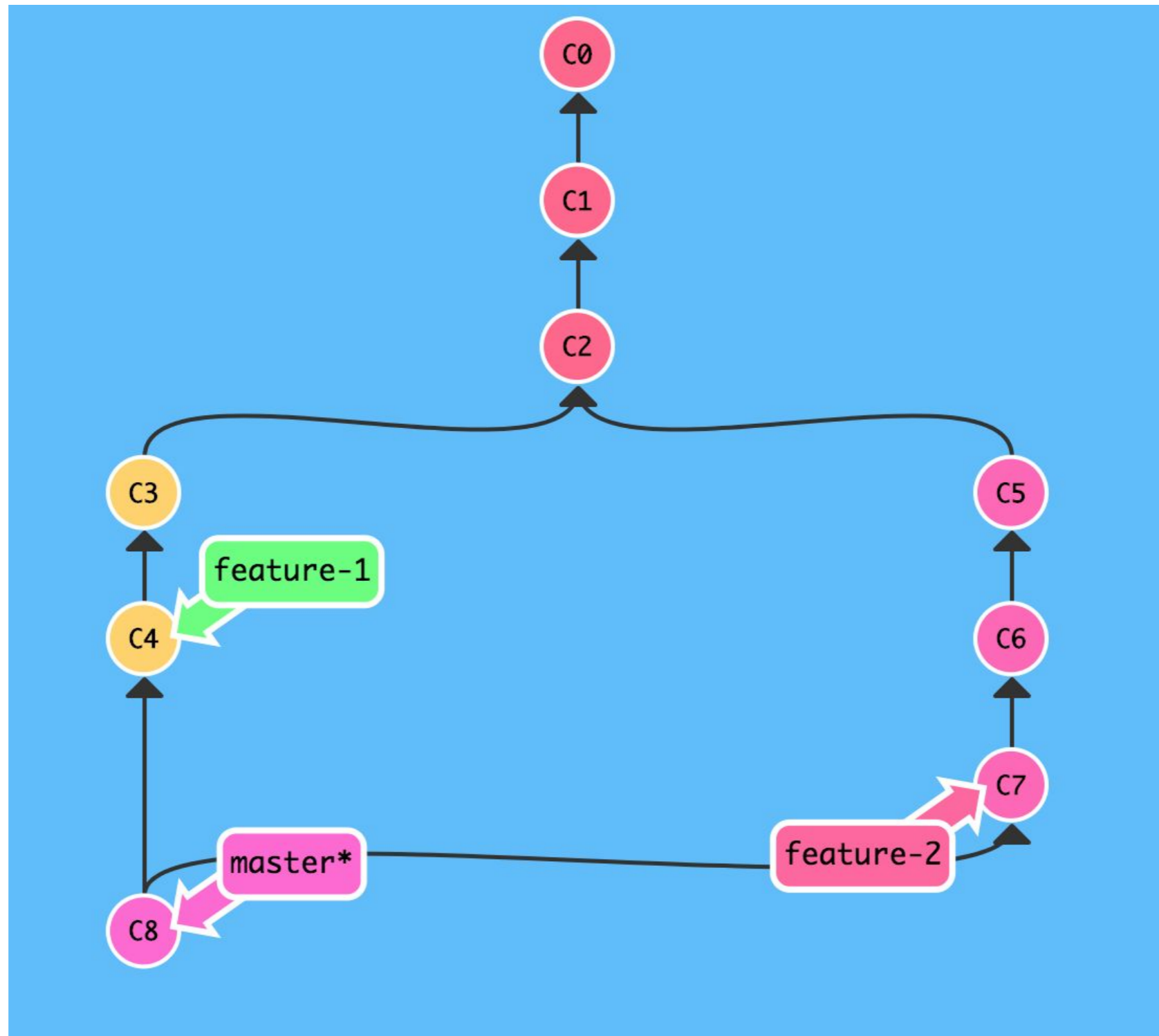


# Работа с git

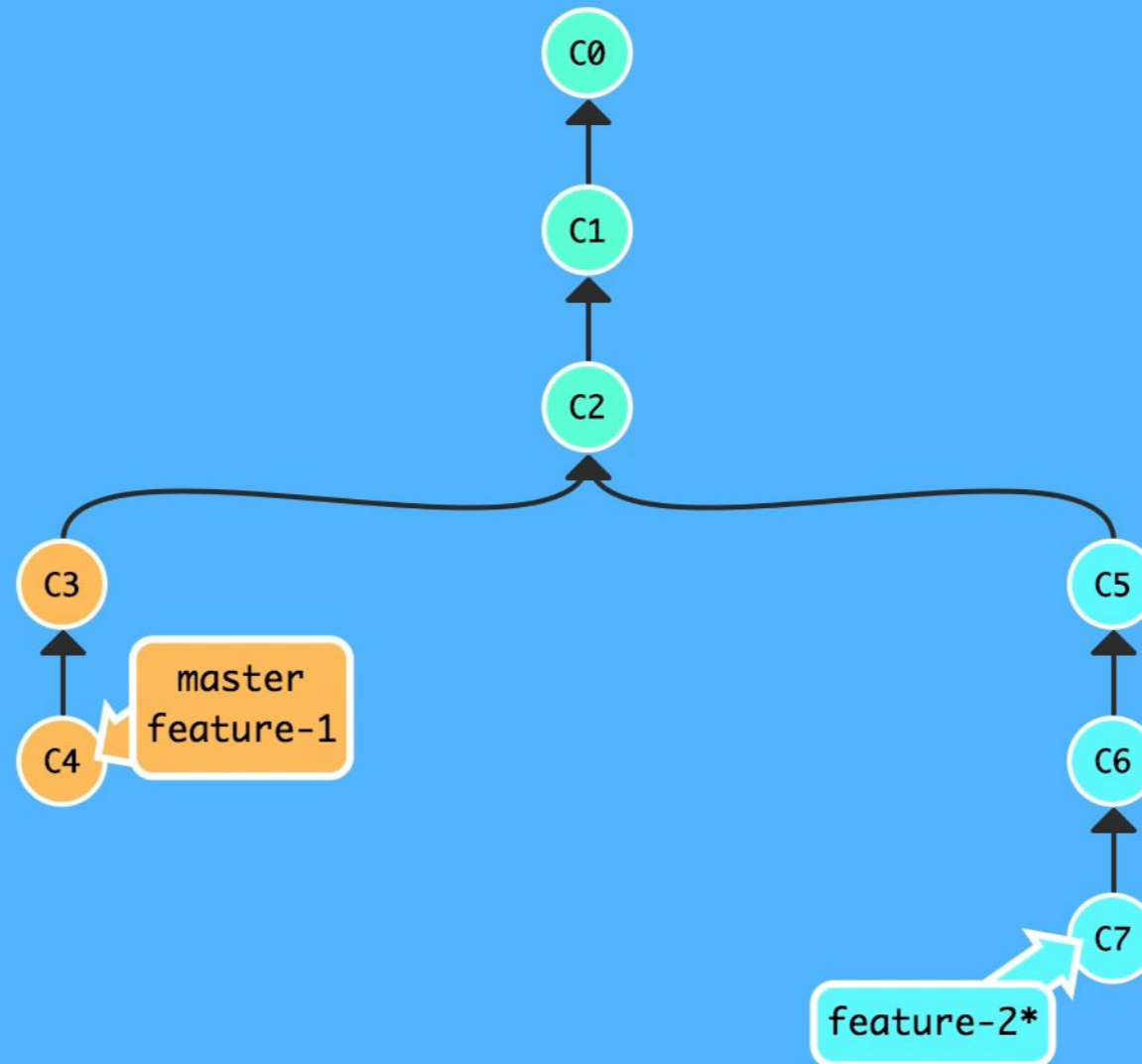




# Merge



# Rebase



# PRACTICE



# Настройка

```
git config --global user.name "Your Name"
```

```
git config --global user.email "your_email@whatever.com"
```

Windows:

```
git config --global core.autocrlf true
```

```
git config --global core.safecrlf true
```

```
git clone https://github.com/faizrr/git-tutorial.git
```

```
git checkout -b branch_name
```

```
git add .
```

```
git commit -m 'blablabala'
```

```
git push origin branch_name
```

```
git log
```

# Используйте git!



# Resources

- <https://githowto.com/ru>
- <https://try.github.io>
- <https://github.com/>