



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

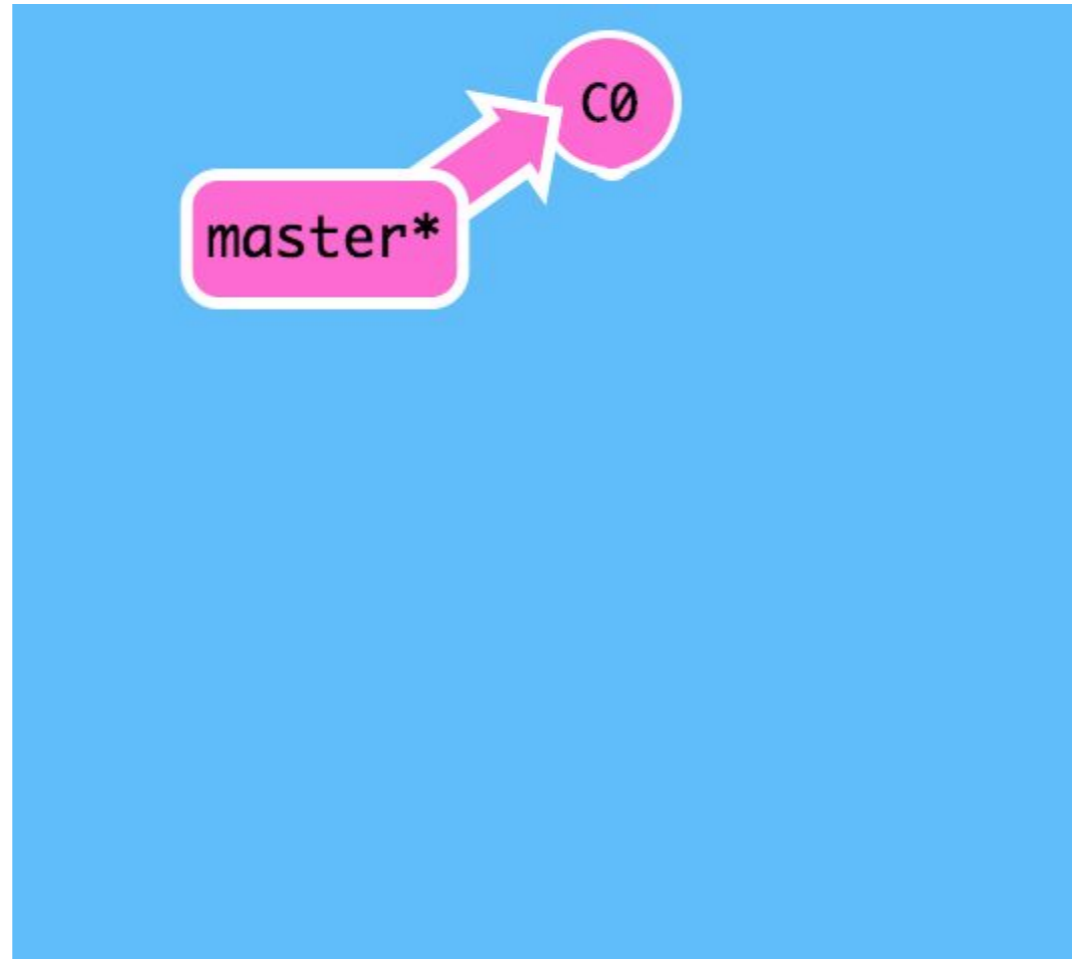
Зачем?

1. Перемещаться между версиями программы

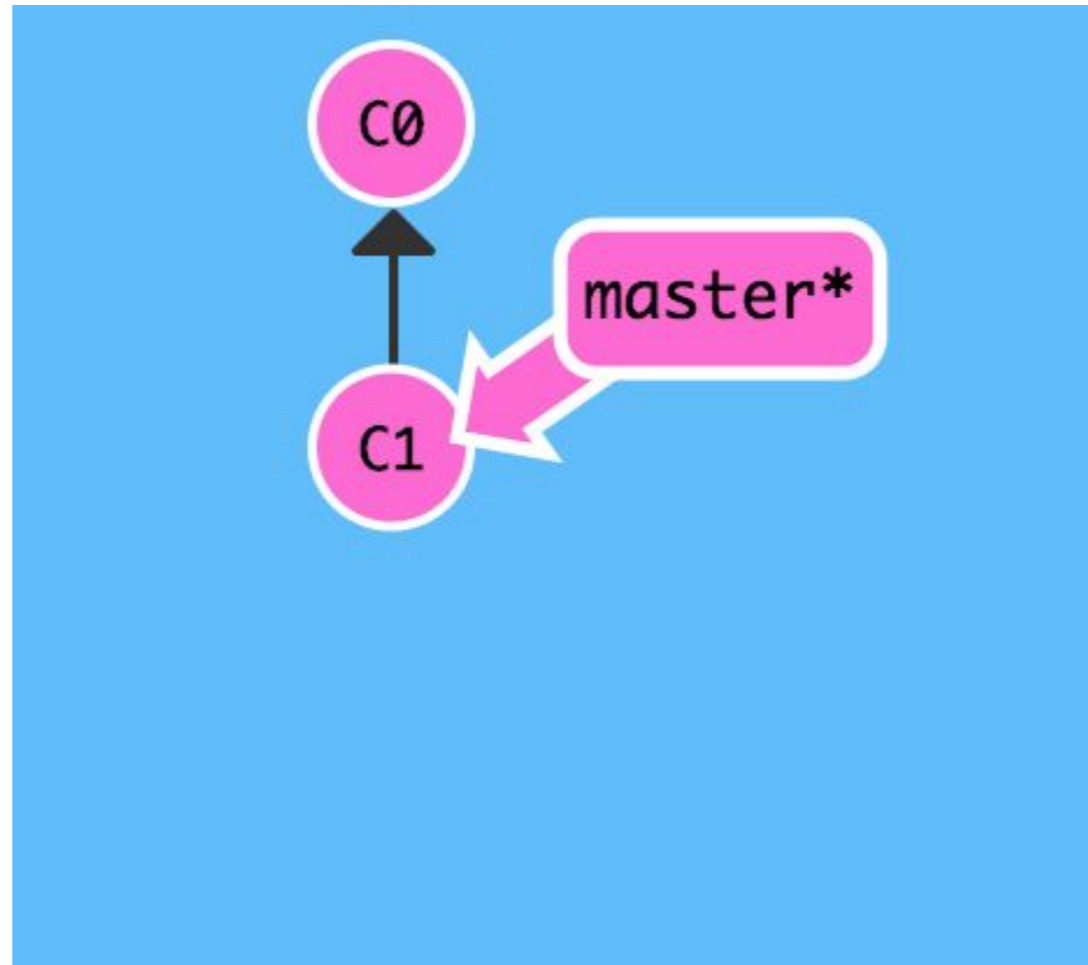
Зачем?

1. Перемещаться между версиями программы
2. Работа в коллективе

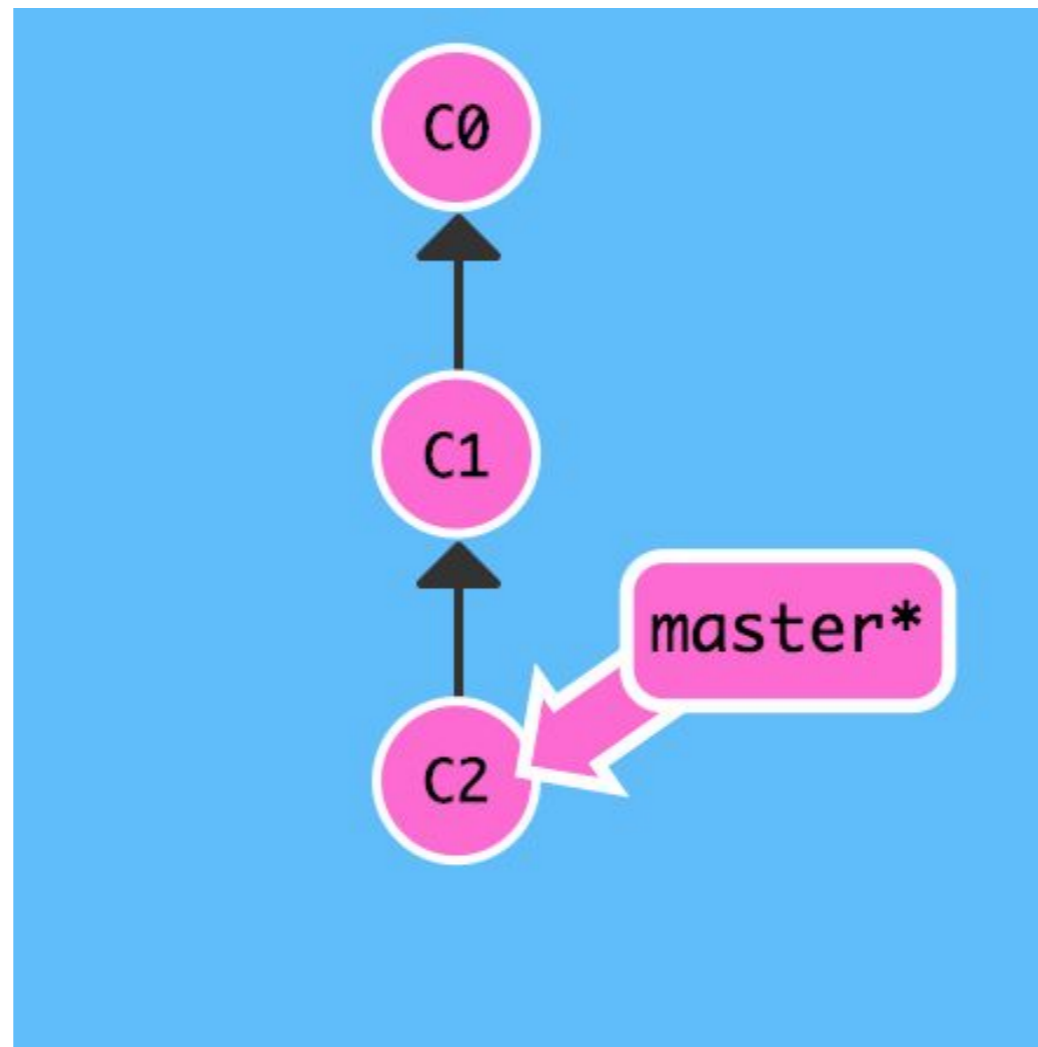
Работа с git



Работа с git



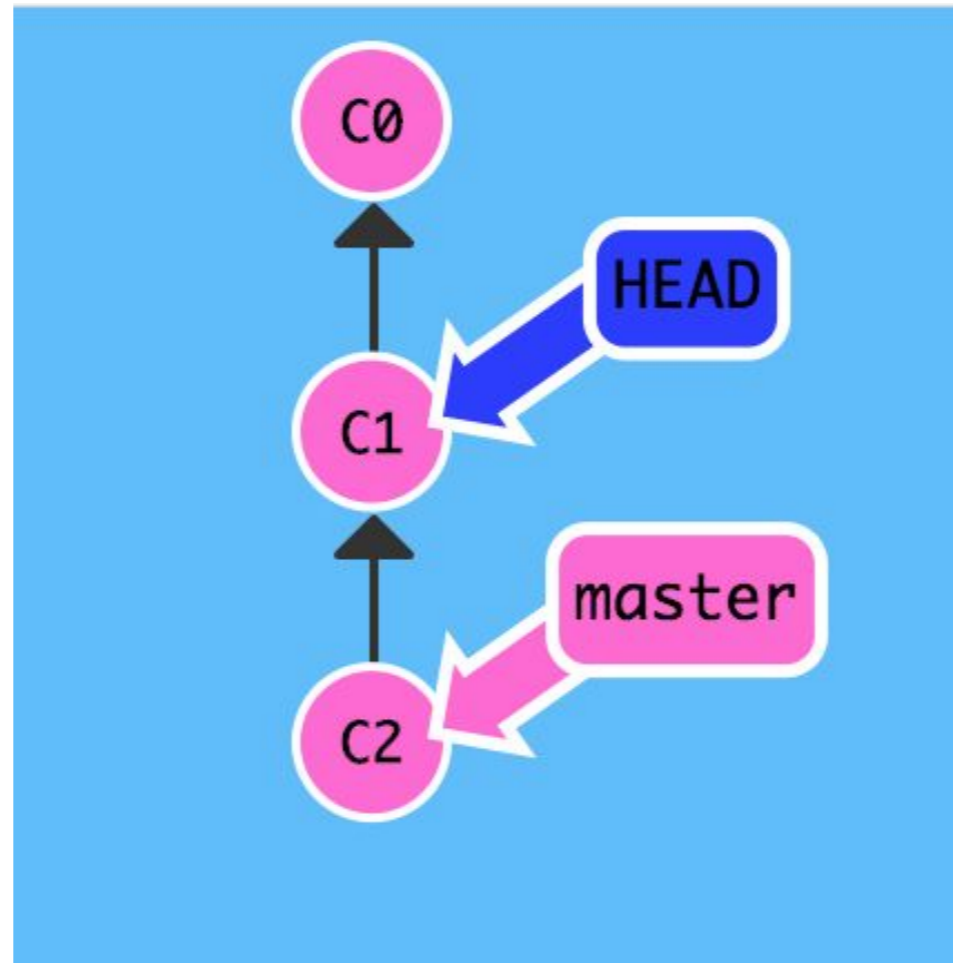
Работа с git



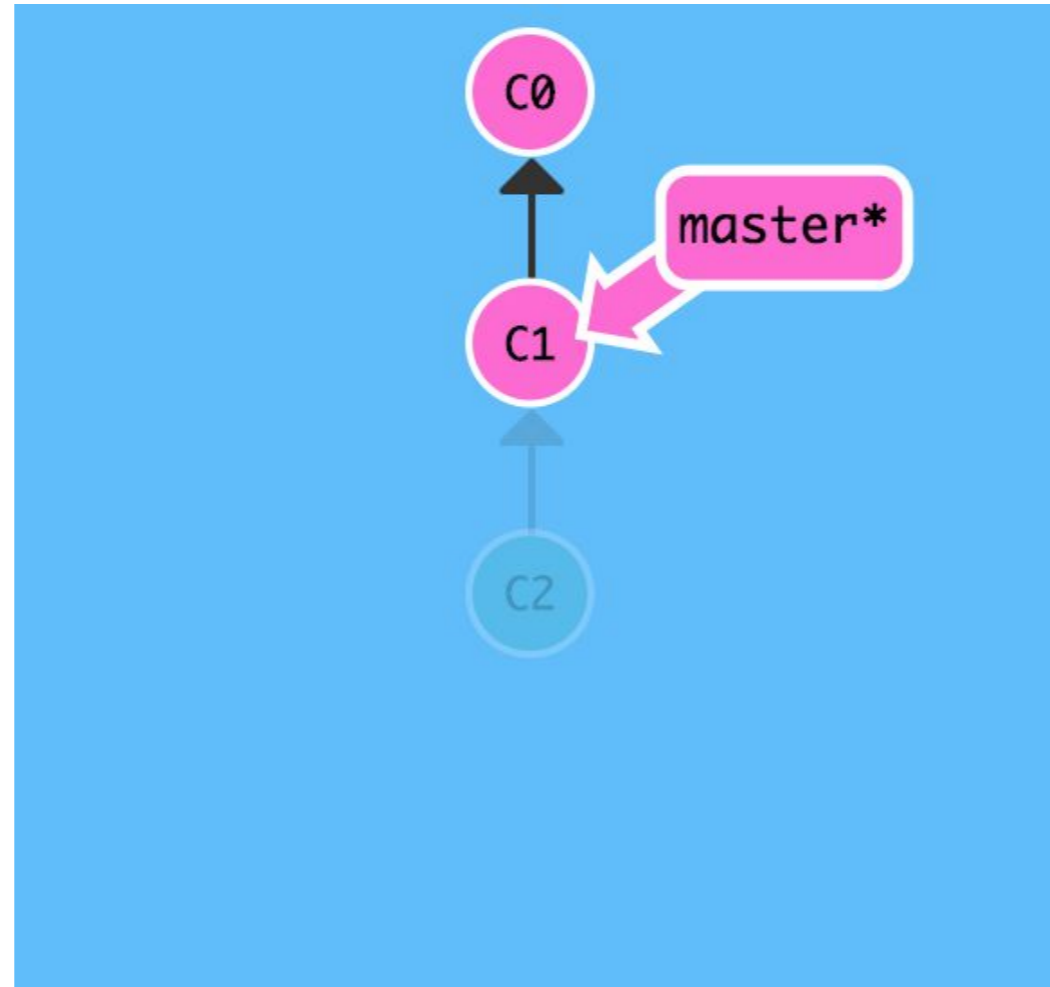
Работа с git

```
*   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 (Left Sidebar):** A file tree showing the project structure. It includes a "Git Blame" view, a "GROUP 2" section containing "git_gutter.py", and a "FOLDERS" section with "GitGutter" and "Icons".
- Git Blame (Middle Panel):** A table showing the commit history for each line of code. The columns are line numbers (1-41), commit hashes, and author names. For example, line 1 is attributed to JD Isaacks (17834bcd), and line 41 is attributed to David L. Goldberg (6b0e40be).
- git_gutter.py (Right Panel):** The source code for the plugin. It shows imports for 'sublime' and 'sublime_plugin', a 'try' block for importing 'ViewCollection', a 'plugin_loaded()' function that sets up icons, and a 'GitGutterCommand' class with 'run()' and 'clear_all()' methods.

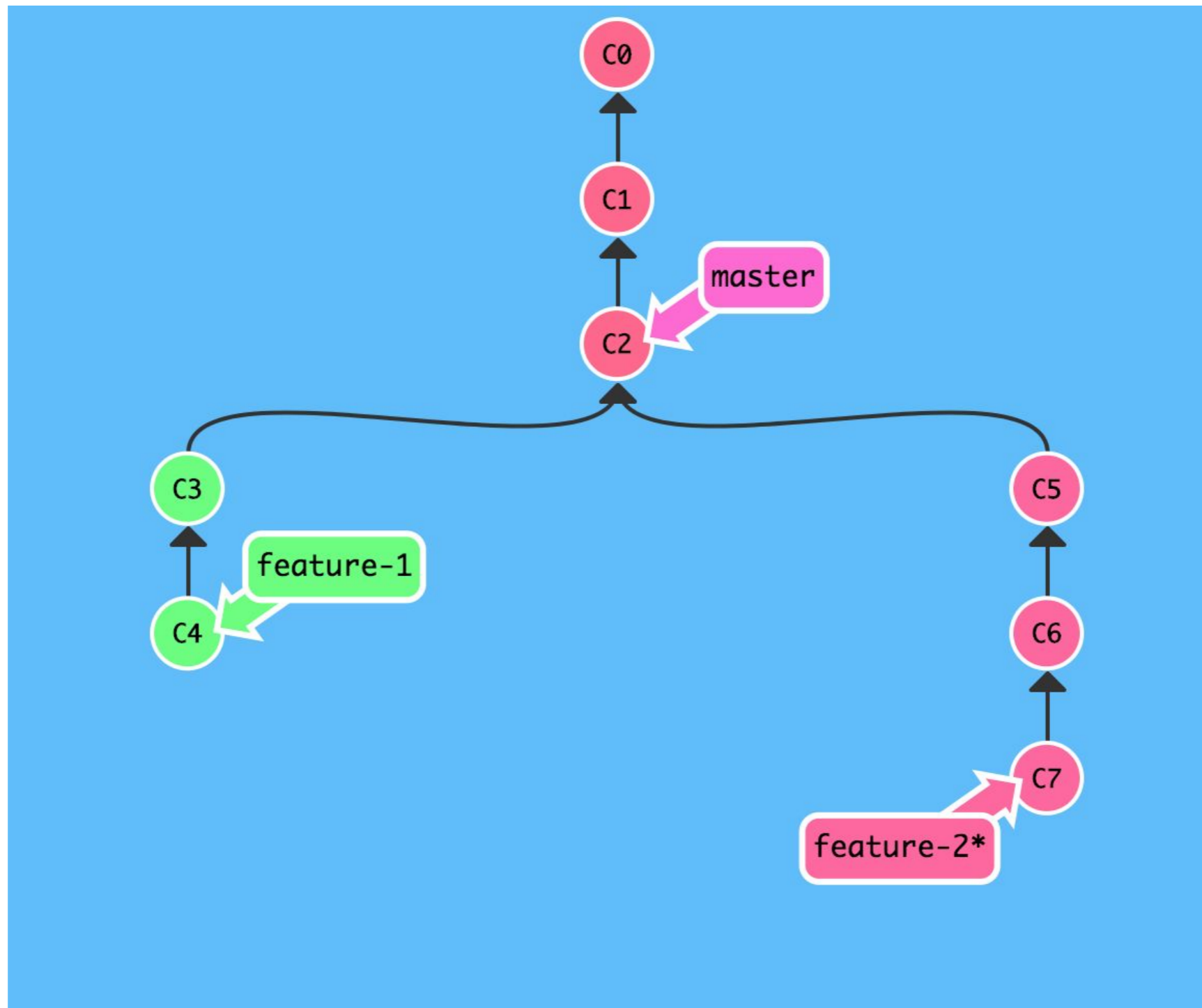
```
1  import sublime
2  import sublime_plugin
3  try:
4      from GitGutter.view_collection import ViewCollection
5  except ImportError:
6      from view_collection import ViewCollection
7
8
9  def plugin_loaded():
10     """
11     Ugly hack for icons in ST3
12     kudos:
13     github.com/facelessuser/BracketHighlighter/blob/BH2ST3/bh_core.py#L1380
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

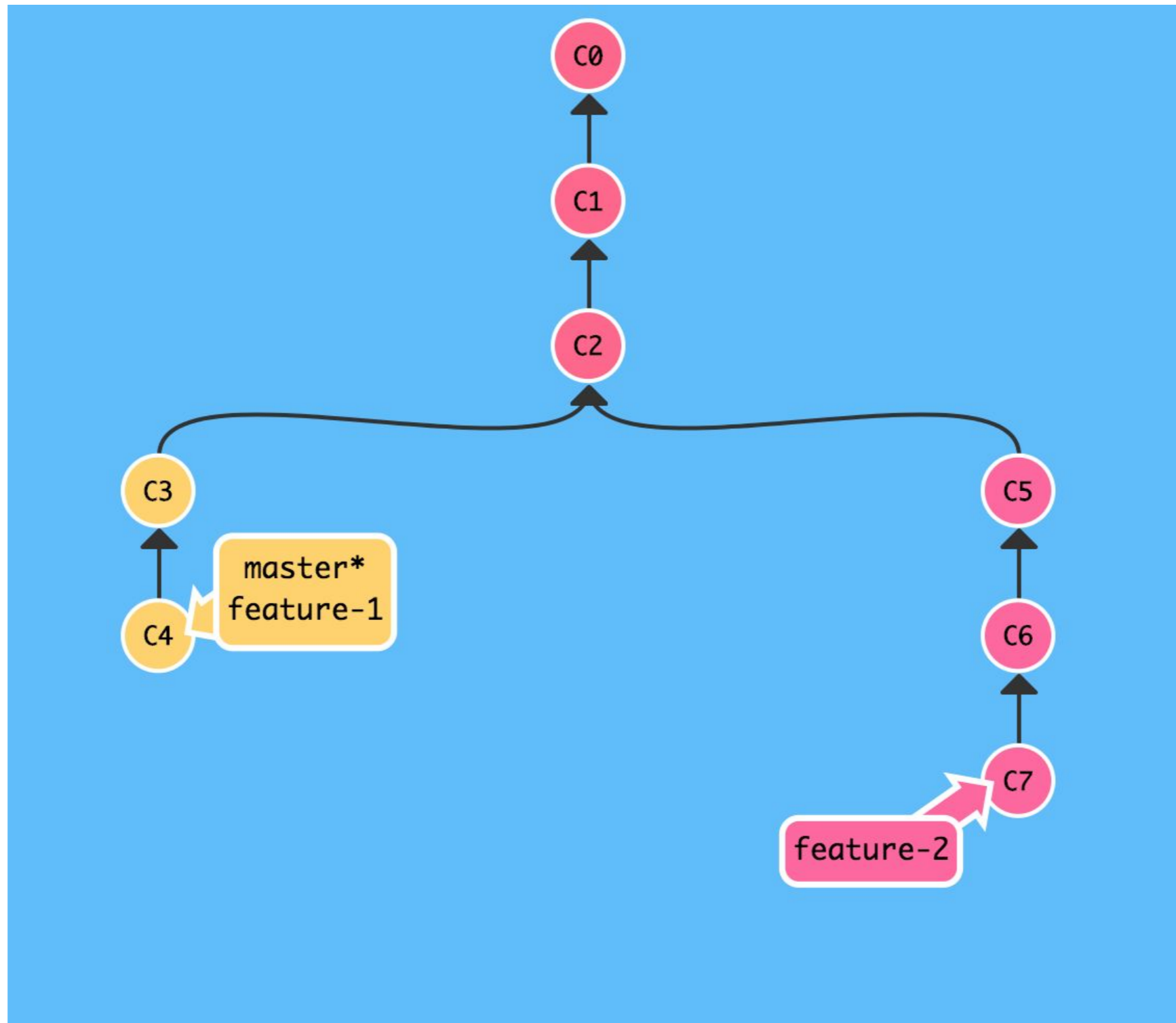
Spaces: 2

Git Blame

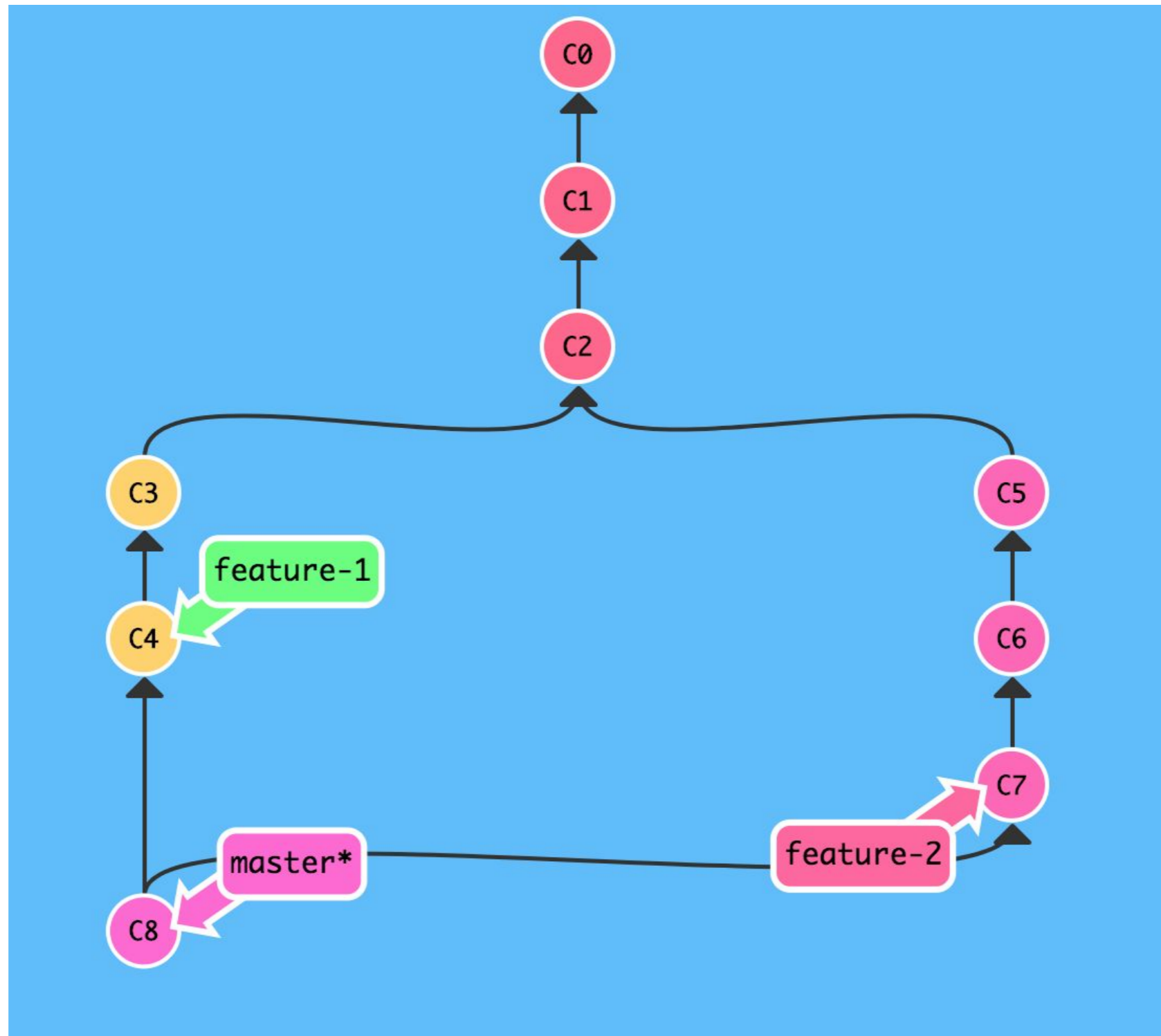
Работа с git



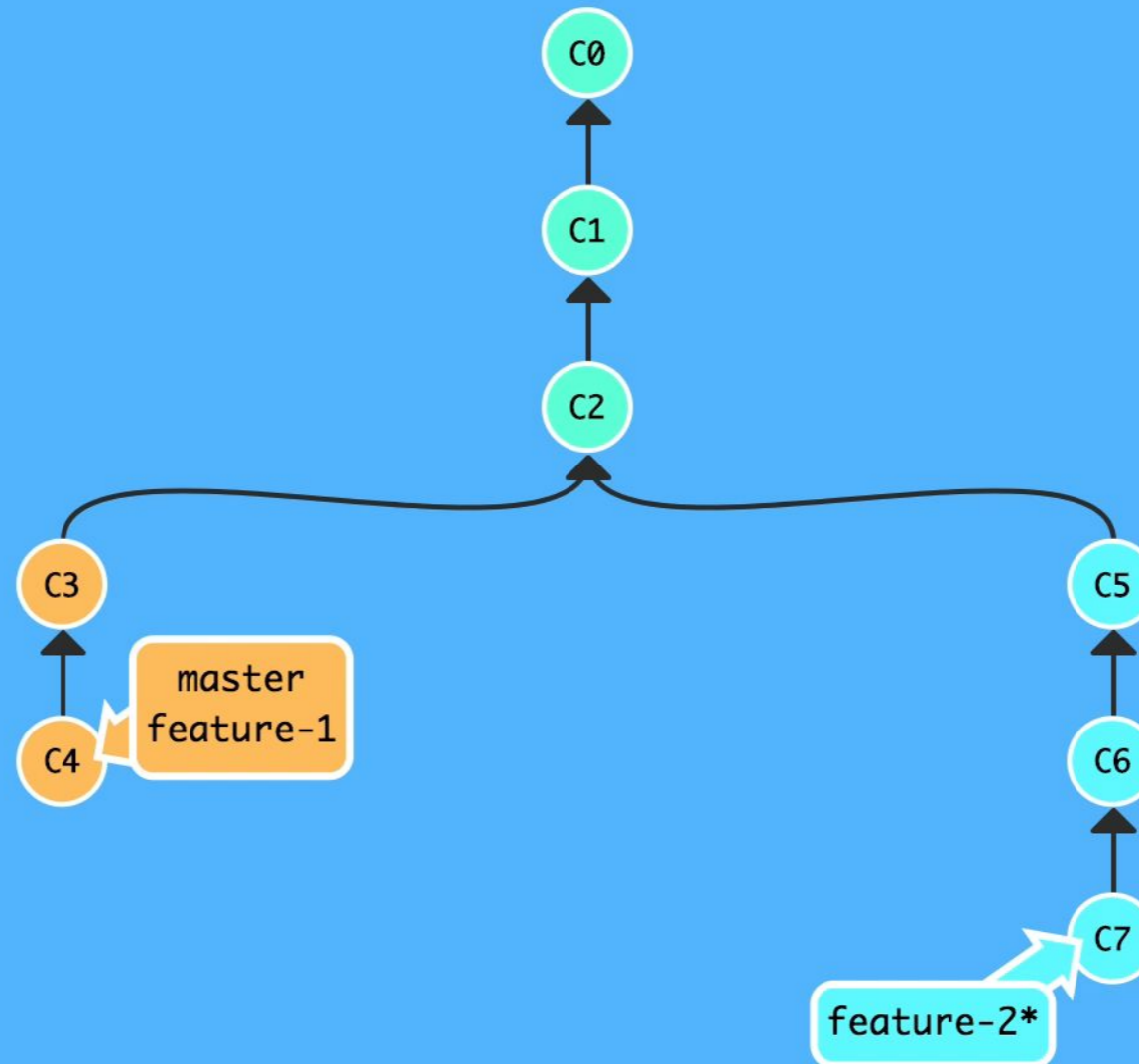
Работа с git



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/>