



Web Programming Spring 2021

#5

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Topics

- 開發環境介紹
 - Sublime
 - VS Code
 - eclipse
 - Git
 - Github
- Homework #1



git



Sublime

- Sublime Text 3
- Jon Skinner
- software engineer at Google
- Open source
- plugin



VS Code

- Visual Studio Code
- Microsoft
- Open source
- 目前最多人使用的開發IDE環境
- plugin



eclipse

- Java
- Android
- Open source
- plugin
- 比較慢



Git

- Git Commands
- Git Flow
- GitHub



Git Commands

- Git init
- Git clone
- Git checkout
- Git add
- Git branch
- Git commit
- Git push
- Git pull
- Git status
- Git diff
- Git log
- Git fetch
- Git rm
- Git stash
- Git merge
- Git revert & reset
- Git rebase
- Git tag



22:04:23 py3.7 ~/projects/@homepage master X ★

\$ git status

On branch master

Your branch is up to date with 'origin/master'.

Untracked files:

(use "git add <file>..." to include in what will be committed)

cgulogo 拷貝.png
cjwu.jpg
cjwu3.jpg
courses/webapp/cgu-talk.pdf
courses/webapp/web_0.key
courses/webapp/web_0.pdf
courses/webapp/web_1.key
courses/webapp/web_1.pdf
courses/webapp/web_2.key
courses/webapp/web_2.pdf
courses/webapp/web_3.key
courses/webapp/web_3.pdf
courses/webapp/web_4.key
courses/webapp/web_4.pdf
courses/webapp/web_5.key
courses/webapp/web_5.pdf
favicon.ico
index 拷貝.html

nothing added to commit but untracked files present (use "git add" to track)
(py3.7)

22:04:26 py3.7 ~/projects/@homepage master X ★

\$





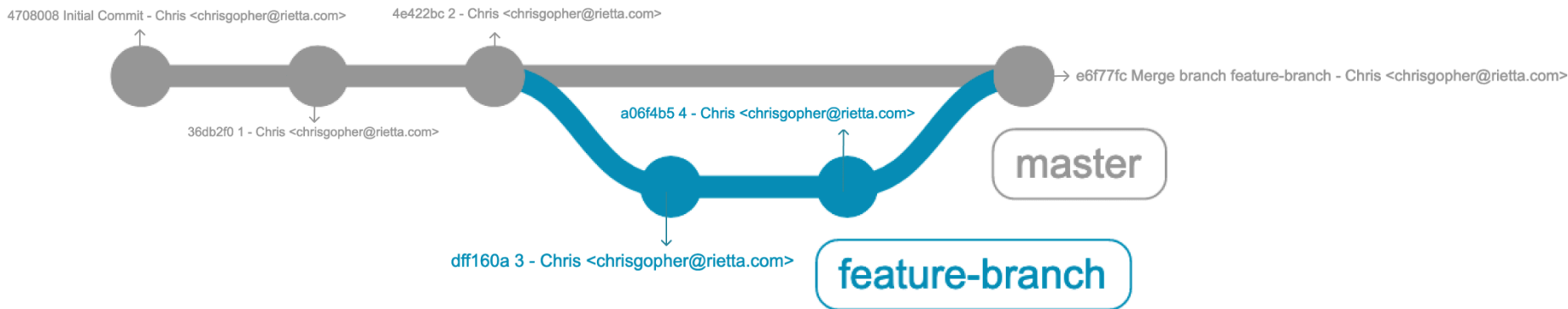
```
$ git diff
diff --git a/a.js b/a.js
index 01aafe1..2f6fc14 100644
--- a/a.js
+++ b/a.js
@@ -1,10 +1,4 @@
     this.retrieveUnitTypes = function(req, res, next) {

-        if (foo) {
-            return '1';
-        } else if (bar) {
-            return '2';
-        }
-
         return 3;
     };
};
```

Git branch

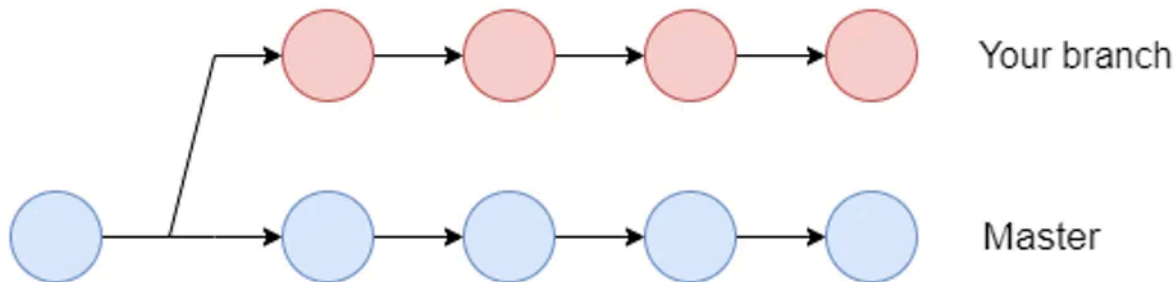


Git merge

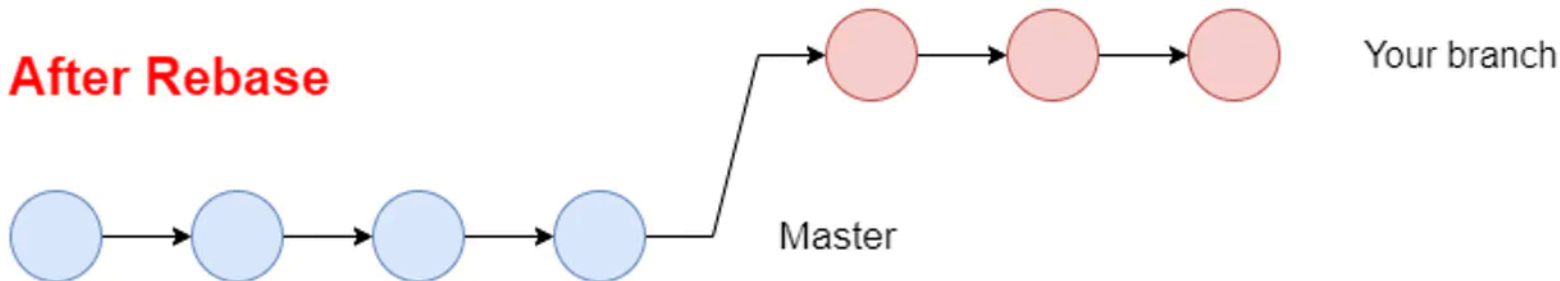


Git rebase

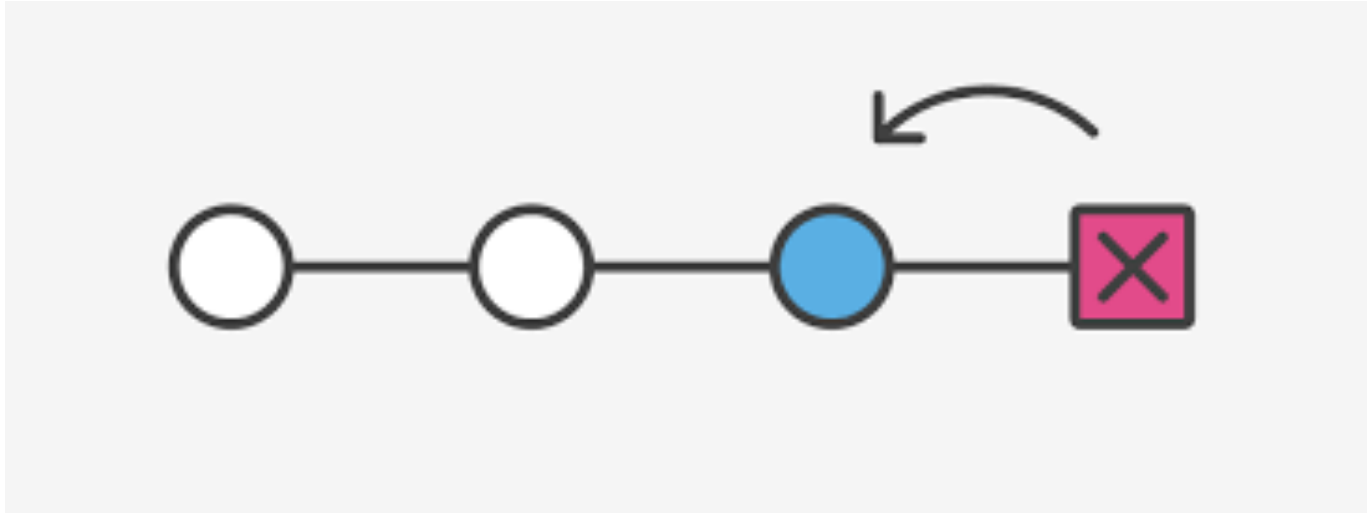
Before Rebase



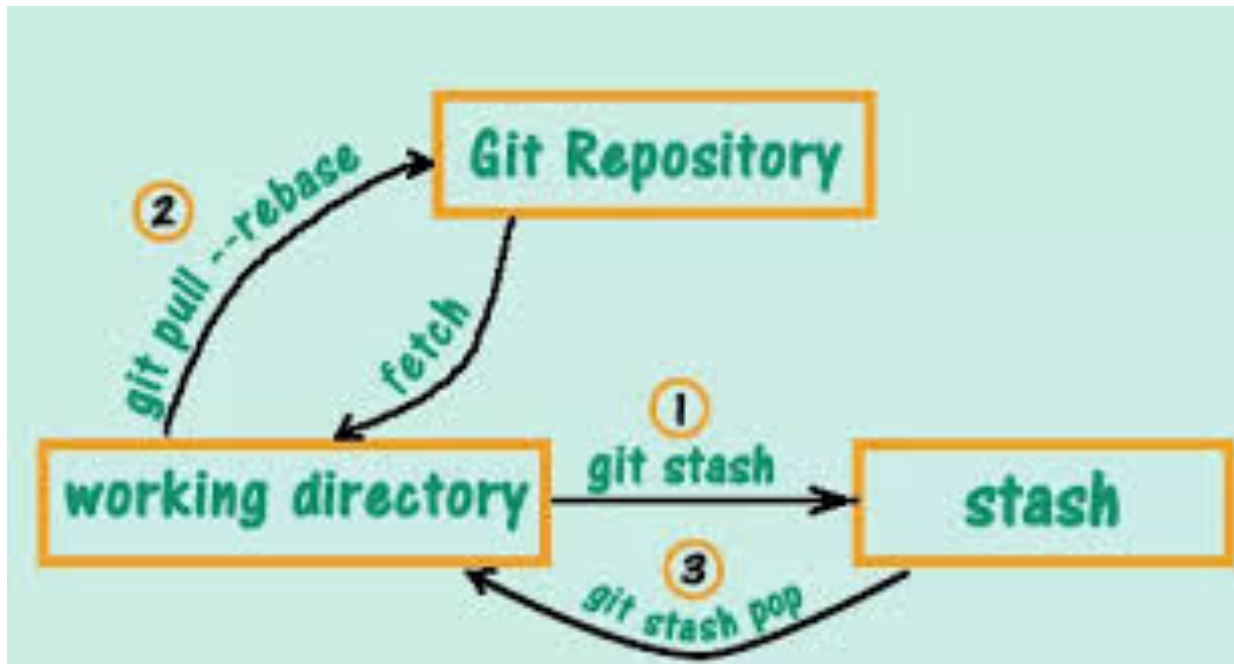
After Rebase



Git revert



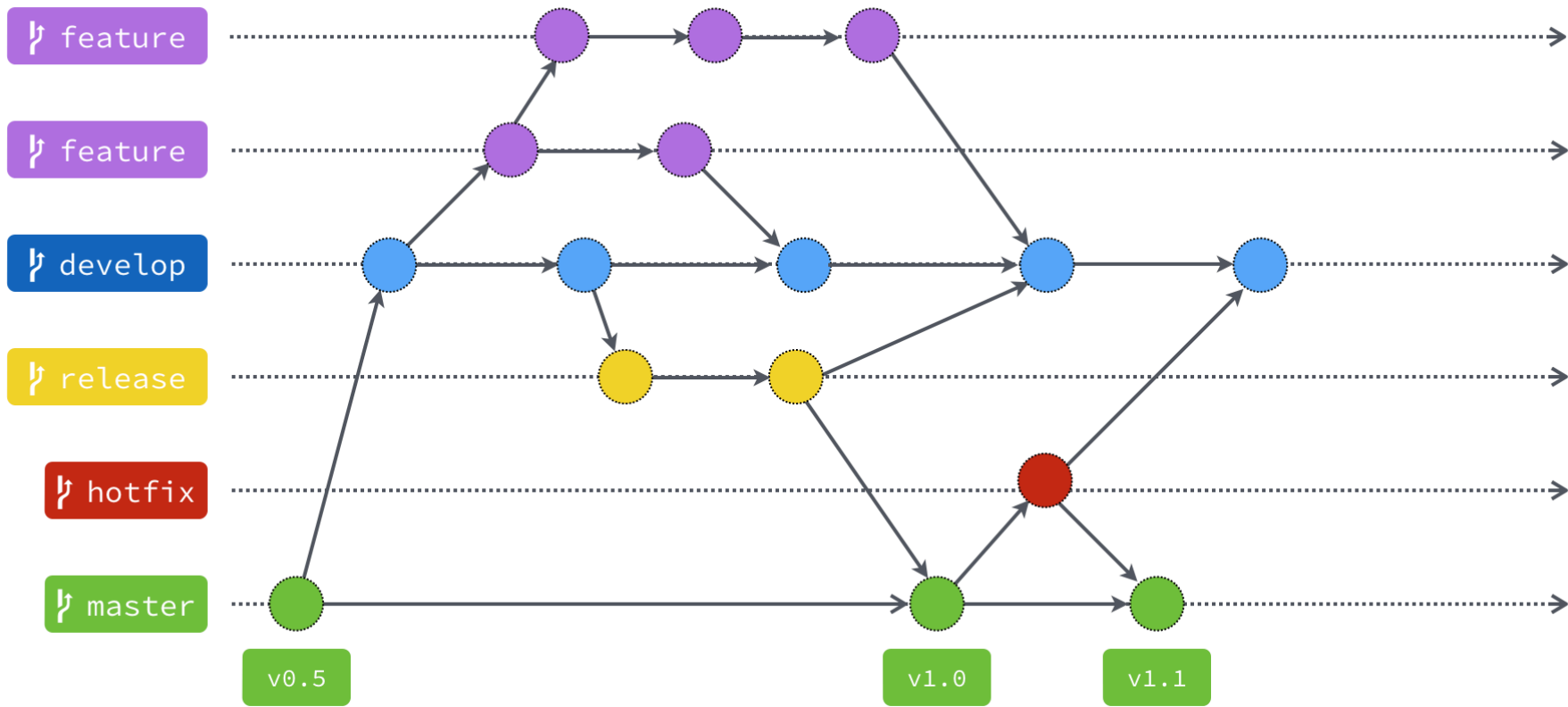
Git stash

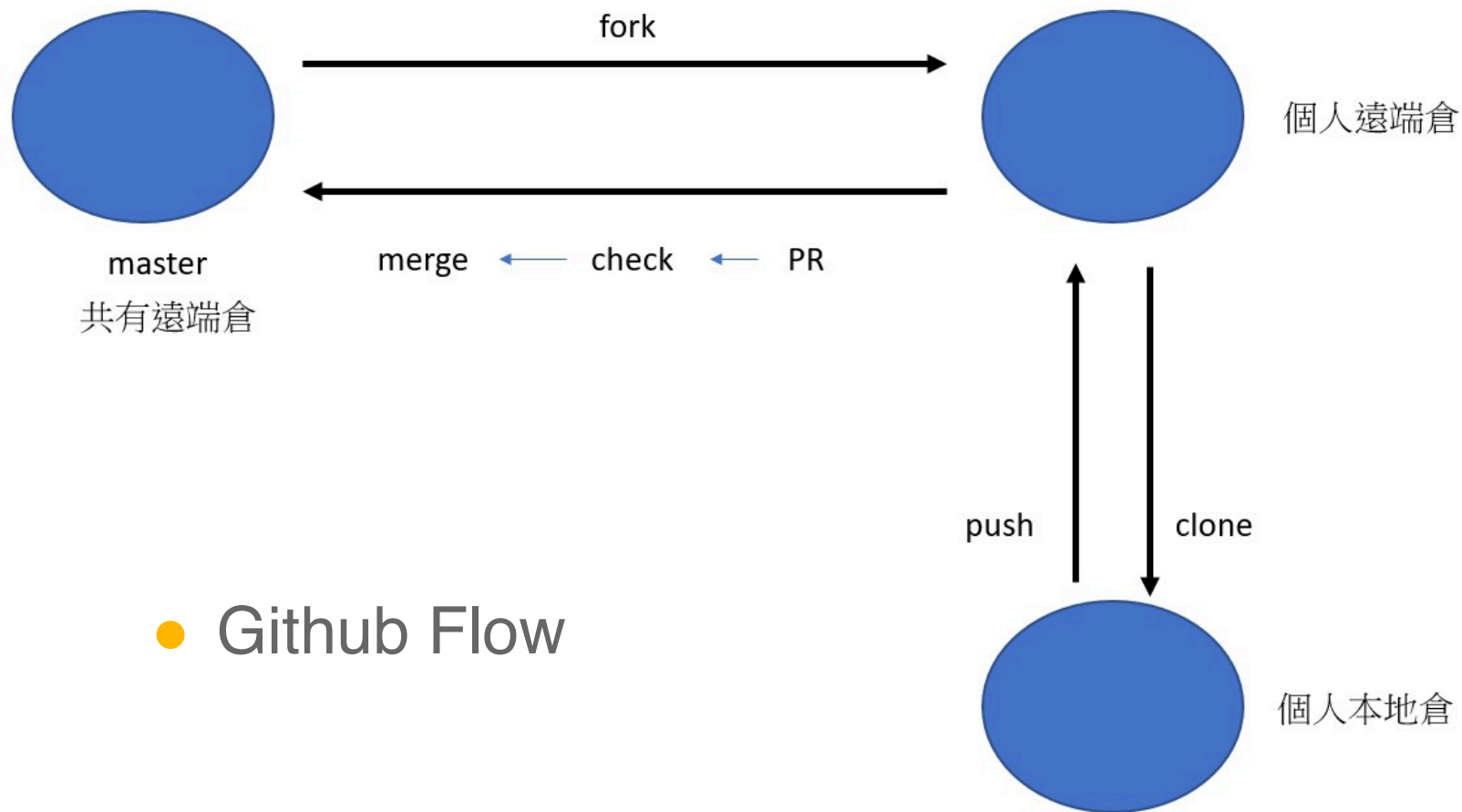


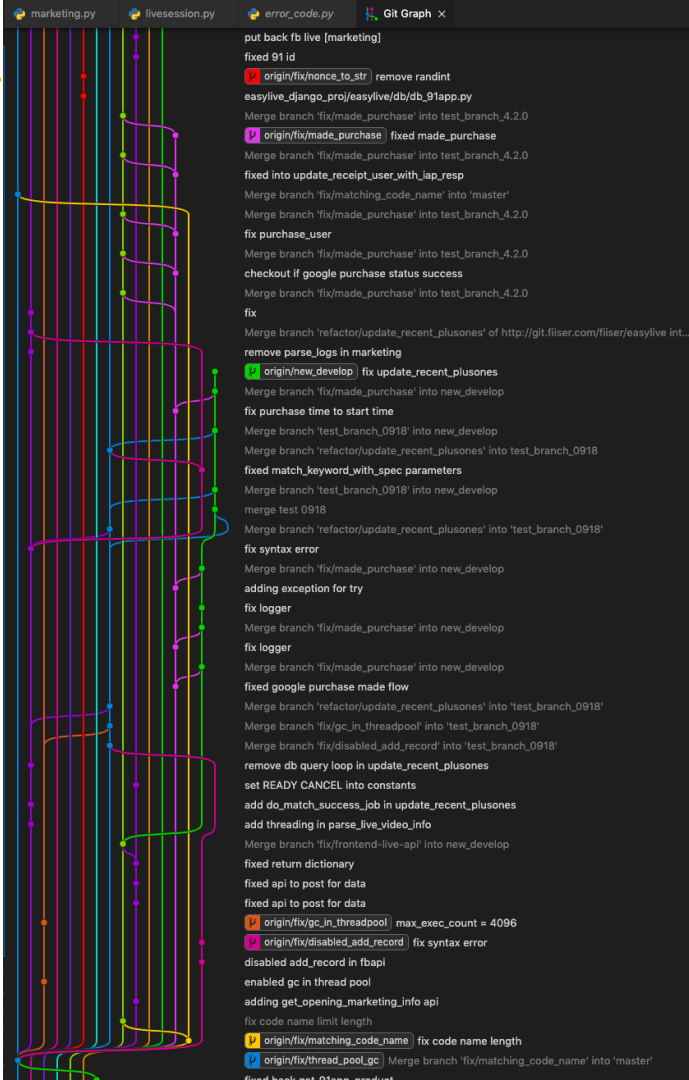
課堂練習

1. 申請github帳號
2. Git 安裝 & try it
3. Commit a readme file to github











Homework #1

- 手工打造個人網頁
 - 1. style.css
 - 2. RWD
 - 申請 github 帳號
 - Push 到 GitHub
 - Deadline: 2021/3/25 12:00 PM

Conclusion

- 開發環境介紹
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Thanks!

Open for any questions

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