Github 使用入门（配合本课程）
HUST Bioinformatics course series

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TOC

- 安装 Github
- 导入项目到 RStudio
- 检查并获取更新
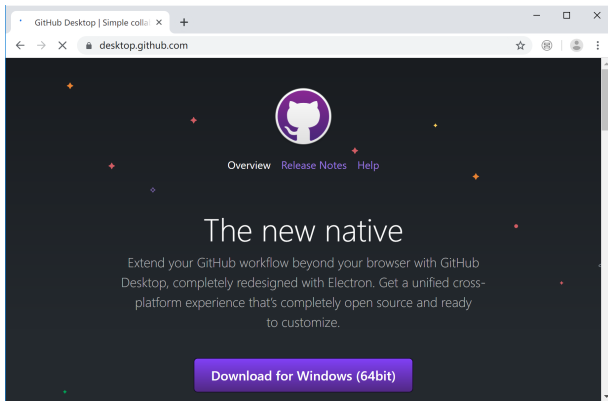- 更改代码并生成新的 pdf 文件（∼∼）

Github

- GitHub 是一个面向开源及私有软件项目的托管平台
- 支持 git 作为唯一的版本库格式进行托管
- GitHub 于 2008 年 4 月 10 日正式上线
- 2018 年 6 月 4 日，被微软 75 亿美元收购
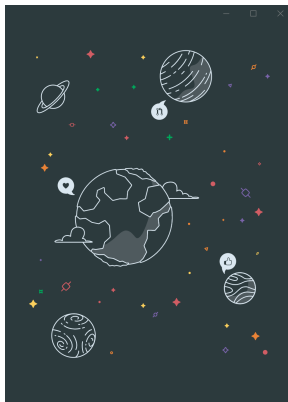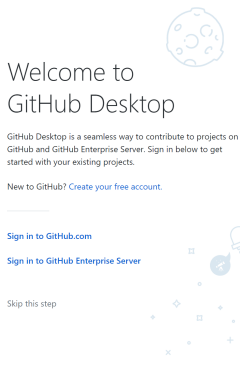
注：资料来自百度百科

安装 github，下载并更新本课程内容

下载 **Github desktop**
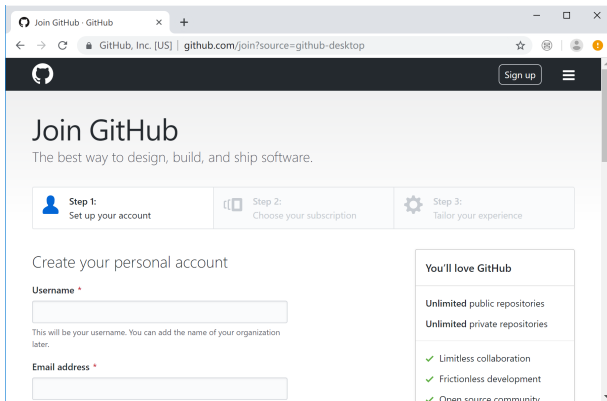
go to: desktop.github.com

Figure 1: download desktop Github app

the welcome screen

Figure 2: the welcome screen
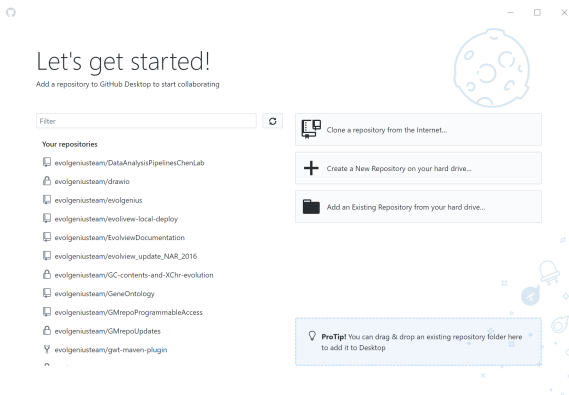
sign up

Figure 3: sign up at the github website

sign in
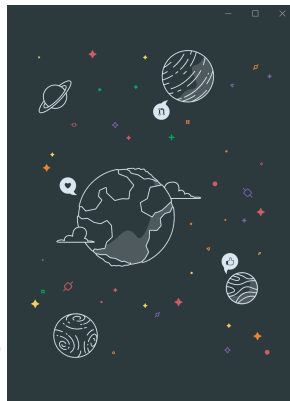
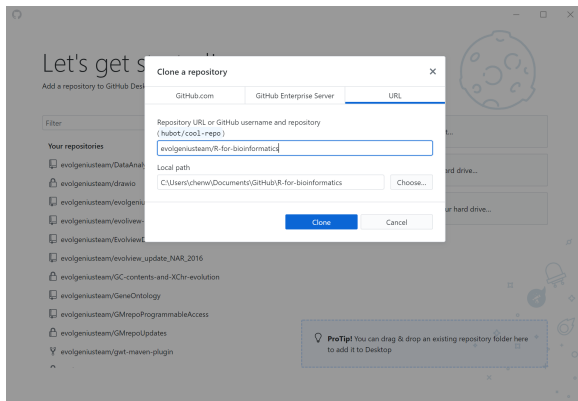**Figure 4:** login using the desktop app
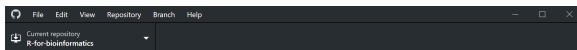
clone a repository, step 1

Figure 5: choose "clone a repository from the internet ..."

clone a repository, step 2

Figure 6: select "URL", and add repository URL or username/repository_name

clone a repository, step 3

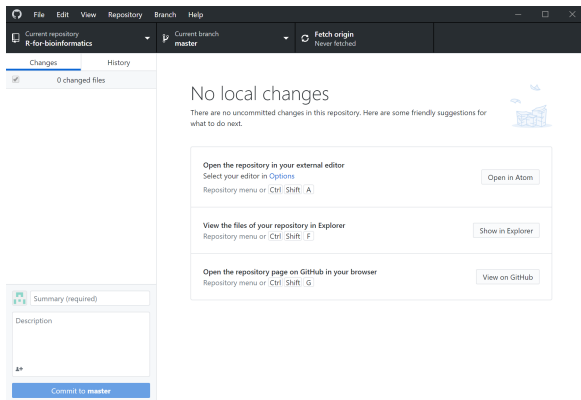**Figure 7:** cloning to local folder

clone a repository, step 4

Figure 8: 完成 clone

check the local folder

1. go the local github folder
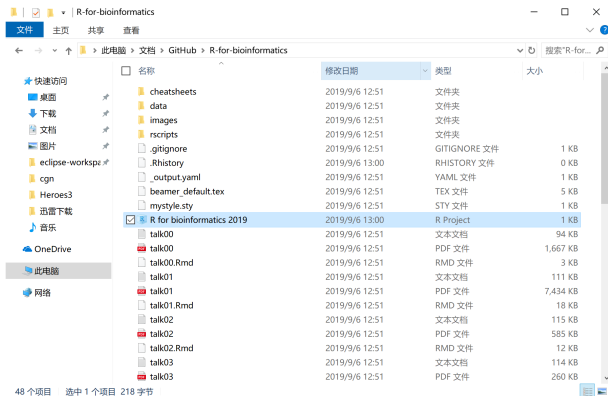2. you may open the "R project" file

Figure 9: files downloaded to local folder

pull updates, step 1

pull：是从 repository 下载 project 或更新的过程

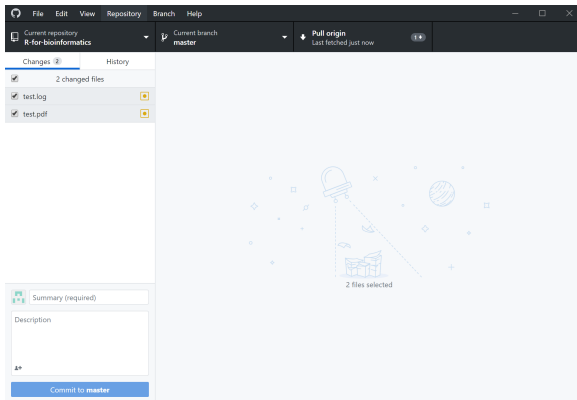点击 "Fetch origin" 按钮，如果有更新，它会变为："Pull origin":

Figure 10: files downloaded to local folder

pull updates, step 2
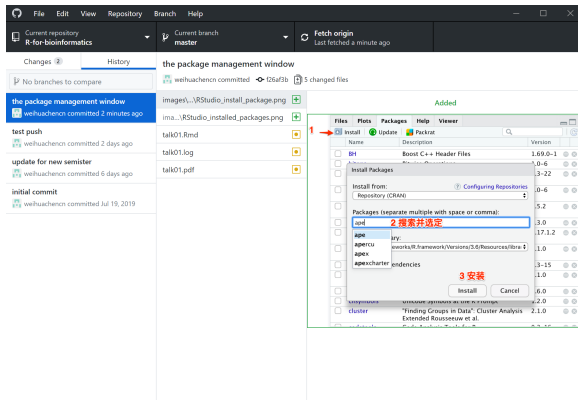
完成更新后，可通过 "History" tab 查看更新内容

Figure 11: files downloaded to local folder

注：定期检查更新，以获取最新内容

使用 R markdown

to be continued ...