7 December 2019

Push you own website-----Introduction to Git

上线你的网站-Git 介绍

Week 2 assignments: 第二周作业

- Publish, modify and re-publish several times the page using git workflow

  使用 Git 工作流程发布、修改、反复发布你的网页

- Sketch of your final project

  初步规划你的最终作品

Please bring with you:带上

- Your personal laptop 个人笔记本电脑

- A mouse 鼠标

And please install the following software: 下载下面软件

Git:

- Linux and Mac: https://git-scm.com/downloads

- Windows: https://gitforwindows.org/

- Make sure to select the option "Use git from Git Bash only" during the

  installation, leave the other option as default.

安装软件过程中确保你选择了"Use git from Git Bash only"选项；Do not hesitate to

contact us if you have any question.有疑问可以随时联系老师。

What is Git? 什么是 Git？

Git is the technology to help us to calibrate with people.

Git 是一个免费的开源分布式版本控制系统，旨在快速高效地处理从小型

到大型项目的所有内容。什么是 Github?

What is Github? 什么是 Github?

Github is a website and an application that works with git.

Github 是与 git 一起使用的网站和应用程序.

Why should you care? 为什么重要？

If you would like to work with people in a team. This technology is useful and not only limited in writing a code.

如果您想与团队成员一起工作。 该技术非常有用，不仅限于编写代码。

Novel Writing Analogy 小说写作版本类比

Using git to help writing a novel. Imagine that you are a writer and you have some huge story in your head. Before you will the essay like Essay_v1.txt, Essay_v2 and Essay Final. Furthermore, you would like to edit the version 2 and save it into Essay_final_final. You would release how annoying and terrible it is. This is why git is useful. Git help to go back to the last point and it is not limited to one file. It saves as a check point every time you would save it to respository.

使用 git 帮助撰写小说。 假设您是一名作家，并且脑海中有一个很长的故事。 在您撰写 Essay_v1.txt，Essay_v2 和 Essay Final 之类的文章之前。 此外，您想编辑版本 2 并将其保存到 Essay_final_final，这就是 git 有用的原因。 Git 帮助可以返回到最后一点，它不仅限于一个文件。 每次将其保存到存储库时，它都会保存为检查点。

<mark>**将本地的 bracket 的内容上线的方法和代码（红色代码为需要在终端里面写的代码）**</mark>

Git pull, add, commit and push 使用 git 拉、添加、提交和推

1. You can add files to the repository by "git add"
   你可以使用"git add"去增添 files 到 github 的仓库

2. "git status" to verify that the files have been added
   "git status"是去核查这个文件是否被添加

3. Commit the changes to the head using the command "git commit"
   用"git commit"命令提交网页的更新

4. Do again "git status" to be sure that not other files need to be committed
   再次用"git status"去确认没有其余的文件需要被提交

5. "Git push origin master" Git 推即是推现有的 bracket 的内容上线。（下面是在电脑终端需要输的代码）

```
cd marcello.tania      <备注：cd 是 change diretory 打开本地文件夹目录的意思，后面需要加上网站在本地的文件夹的名字，搜索这个文件夹即可在电脑中找到.>
git add *  <增添 files 到 github 的仓库>
git commit -m"  <提交网页的更新>
git push    推即是推现有的 bracket 的内容上线
```
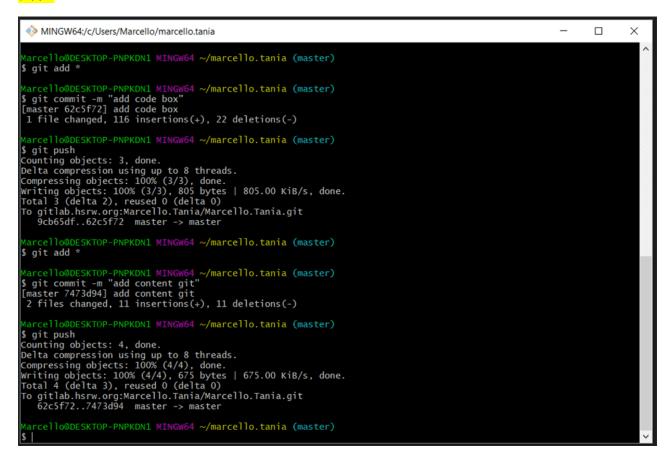
范例：

重要：下周上课前的准备

please install the following software: 下载软件

- Arduino is an open source electronic prototyping platform
  https://www.arduino.cc/en/Main/Software

选择适合自己的电脑的版本。

Do not hesitate to contact us if you have any question. 有疑问可以随时联系老师。