Git Best Practice

Please "Commit" often

You should commit to your local repository as often as possible.
Commit means you save your local change to your local Git repository.

Please "Pull" often

Pulling often keeps your code up to date and,
hopefully, cuts down on duplicated work.

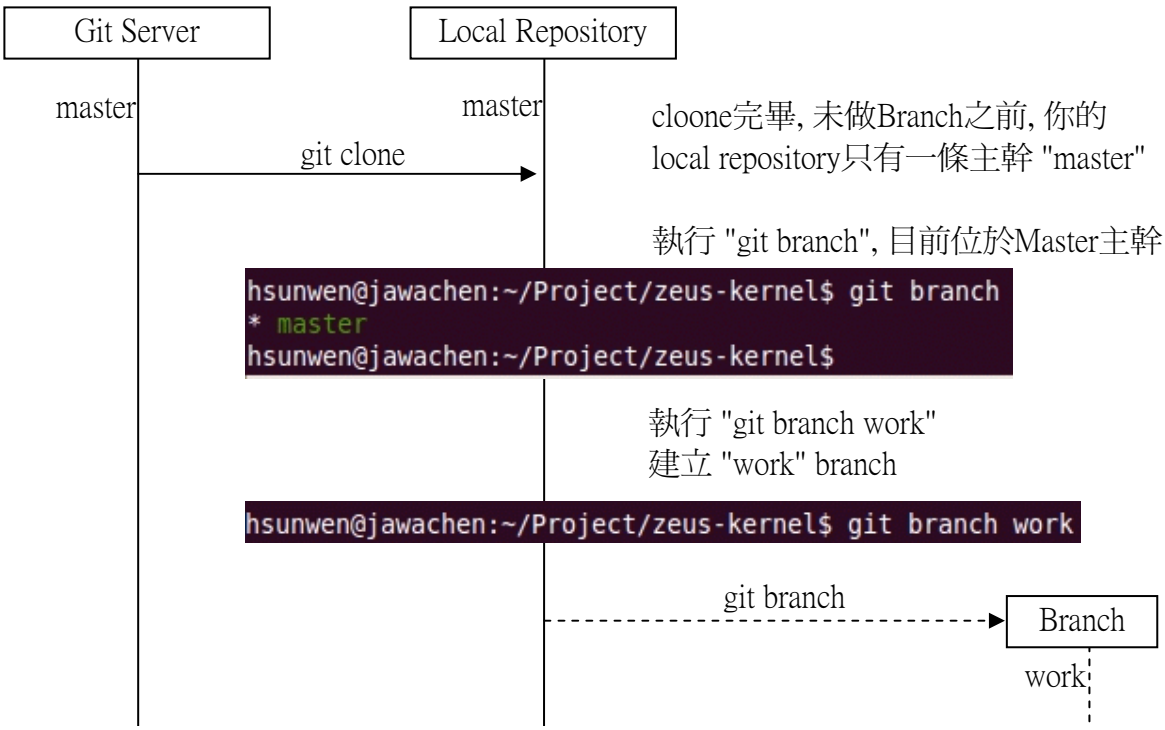
Please use "Branch".

Here's the best practice for you to manage your local copy
and keep Git server (bare repository) clean and well organized

When you git clone source code from Git server,
please create a git branch.
In chinese,
請一定要用Branch來做事情.
將Master作為與Git Server sync最新狀態與Commit程式碼的緩衝區.

Let's take a look at below example.

git clone a Zeus project



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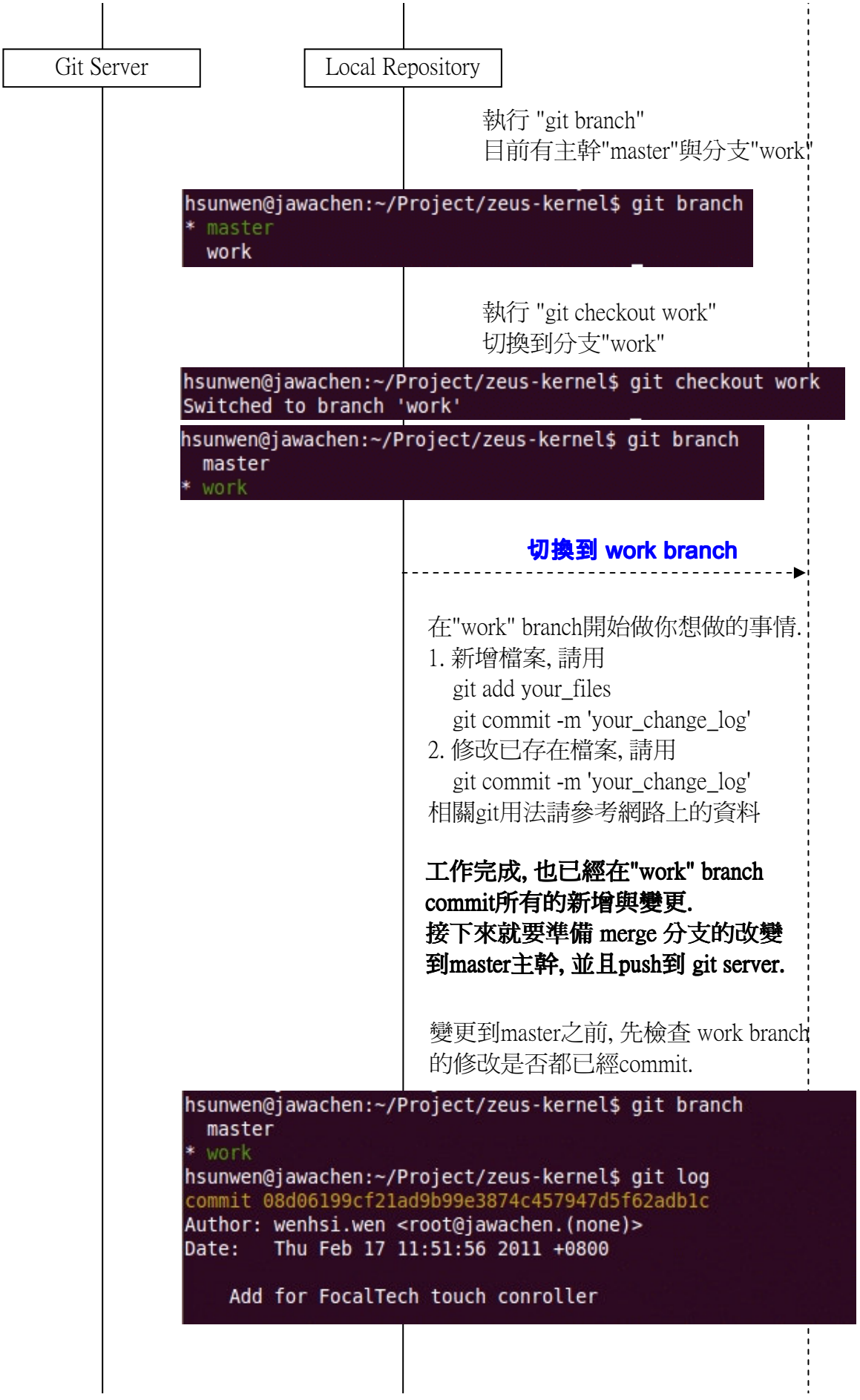

切換到master

```
hsunwen@jawachen:~/Project/zeus-kernel$ git checkout master
Switched to branch 'master'
hsunwen@jawachen:~/Project/zeus-kernel$ git branch
* master
  work
```

切換到 master

master是乾淨的、未被更動,
要與work branch merge之前,
一定要先git pull,
使用git server上, 最新的檔案來整合
你的分支.

```
hsunwen@jawachen:~/Project/zeus-kernel$ git branch
* master
  work
hsunwen@jawachen:~/Project/zeus-kernel$ git pull
```

sync with git server

在master下,
執行 git merge your_branch_name

```
hsunwen@jawachen:~/Project/zeus-kernel$ git merge work
```

git commit

```
hsunwen@jawachen:~/Project/zeus-kernel$ git commit -m 'type_your_log'
```

git log確認 master的改變與branch的
是否一樣

確認沒問題, 就反應更新到 git server
git push origin master

```
hsunwen@jawachen:~/Project/zeus-kernel$ git push origin master
```

git push origin master

Open your browser, check your commit
http://10.60.103.74/zeus