# 命令行学习笔记

## 1.下载

示例：

step1:加载根目录

zhihui@zhihui-Z370-HD3:~$ ls

step2:在根目录中创建一个CLionProject文件夹

zhihui@zhihui-Z370-HD3:~$ mkdir ClionProject

step3:cd进入CLionProject文件夹中

zhihui@zhihui-Z370-HD3:~$ cd CLionProject/

step4:从网站源下载文件SpaceCloud到CLionProject文件夹中去

zhihui@zhihui-Z370-HD3:~/CLionProject$ git clone https://github.com/Wkkkkk/SpaceCloud.git

step5:git文件夹的内容

zhihui@zhihui-Z370-HD3:~/CLionProject$ git status

step6:cd进入SpaceCloud文件夹

zhihui@zhihui-Z370-HD3:~/CLionProject$ cd SpaceCloud/

strp7:读取SpaceCloud中的内容

zhihui@zhihui-Z370-HD3:~/CLionProject/SpaceCloud$ ll

zhihui@zhihui-Z370-HD3:~$ ls

boost\_1\_70\_0 clion-2019.1.2 Desktop geographiclib mrt\_cmake\_modules-master PointCloudApplication ros-kinetic-devel untitled wget-log.1

catkin\_tools CLionTest Documents GeographicLib-1.48 Music Public Templates Videos wget-log.2

catkin\_ws Cmake\_Study Downloads HDMapForRobot Pictures pugixml Test wget-log wget-log.3

zhihui@zhihui-Z370-HD3:~$ mkdir ClionProject

zhihui@zhihui-Z370-HD3:~$ cd CLionProject/

zhihui@zhihui-Z370-HD3:~/CLionProject$ git clone https://github.com/Wkkkkk/SpaceCloud.git

Cloning into 'SpaceCloud'...

remote: Enumerating objects: 319, done.

remote: Counting objects: 100% (319/319), done.

remote: Compressing objects: 100% (208/208), done.

remote: Total 319 (delta 176), reused 246 (delta 103), pack-reused 0

Receiving objects: 100% (319/319), 1.68 MiB | 23.00 KiB/s, done.

Resolving deltas: 100% (176/176), done.

zhihui@zhihui-Z370-HD3:~/CLionProject$ git status

fatal: not a git repository (or any of the parent directories): .git

zhihui@zhihui-Z370-HD3:~/CLionProject$ cd SpaceCloud/

zhihui@zhihui-Z370-HD3:~/CLionProject/SpaceCloud$ ll

total 36

drwxr-xr-x 7 zhihui zhihui 4096 May 17 18:46 ./

drwxr-xr-x 3 zhihui zhihui 4096 May 17 18:44 ../

drwxr-xr-x 2 zhihui zhihui 4096 May 17 18:46 cmake/

-rw-r--r-- 1 zhihui zhihui 3116 May 17 18:46 CMakeLists.txt

drwxr-xr-x 2 zhihui zhihui 4096 May 17 18:46 docs/

drwxr-xr-x 8 zhihui zhihui 4096 May 17 18:46 .git/

-rw-r--r-- 1 zhihui zhihui 474 May 17 18:46 README.md

drwxr-xr-x 5 zhihui zhihui 4096 May 17 18:46 src/

drwxr-xr-x 2 zhihui zhihui 4096 May 17 18:46 tools/

zhihui@zhihui-Z370-HD3:~/CLionProject/SpaceCloud$ git status

On branch master

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

nothing to commit, working tree clean

zhihui@zhihui-Z370-HD3:~/CLionProject/SpaceCloud$

## 2.退出vim编辑器

初学[**Linux**](http://lib.csdn.net/base/linux)的时候，在使用vi 操作时候，有时候可能进入的是一个文件夹，这样子在退出的时候很不好操作！

下面总结一些vi 退出命令，学习!

进入编辑模式，按 o 进行编辑

编辑结束，按ESC键,再按shift+q跳到命令模式(按两下大写的Z也可以退出)，然后输入退出命令：

:w保存文件但不退出vi 编辑

:w! 强制保存，不退出vi 编辑

:w file将修改另存到file中，不退出vi 编辑

:wq保存文件并退出vi 编辑

:wq!强制保存文件并退出vi 编辑

q:不保存文件并退出vi 编辑

:q!不保存文件并强制退出vi 编辑

:e!放弃所有修改，从上次保存文件开始在编辑