# Linux设备信息

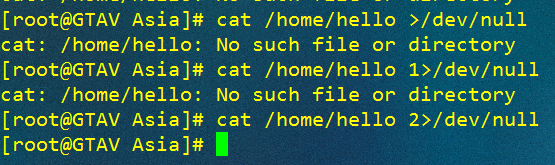
## /dev/null

这个设备在类Unix上称为空设备，也被称为“黑洞”，意味着所有放在这个设备里的文件都会被丢弃，而且返回布尔值真；它实际上是一个写入设备，任何进程想要读取它，都会返回EOF错误；

This file is used to handle unwannted output stream , it’s a empty file, and is used for input stream as a conventient file , that is uesed for redirection.

Note: this file is not a directory, so can not use “mv” command to move a file or directory to the file. But you could use “rm” command to handle properly.

e.g. operate stardard input and output by /dev/null



So we use 2 represent startard error, if this error is oup, redirect it to /dev/null

,the 0 and 1 are same from 2

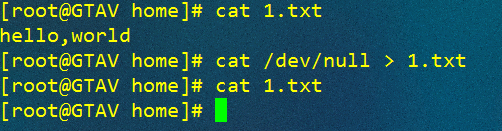


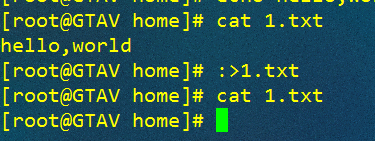
We also could use these num together



The same function with last command

Sometimes we need to delete text, but not delete the file, so we could do like this:the command “cat /dev/null” will return null, and null will be passed to 1.txt, it will clear all text in this file

,the same thing is



2>&1: redirect error info to output stream. 

Redirect 1 to null, and next redirect 2 to 1, so nothing will be printed.(can’t make order wrong, or it’s no effection.)

