嵌入式 u盘linux——准备BusyBox工具

2023年3月20日 8:16

ubuntu tmp目录 大小 51CTO博客

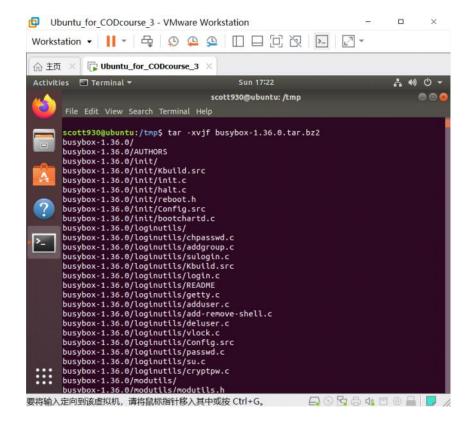
在Ubuntu系统中,在/tmp文件夹里面的内容,每次开机都会被清空,如果不想让他自动清理的话,只需要更改rcS文件中的TMPTIME的值。 我们看如何来修改 sudo vi /etc/default/rcS把 T...

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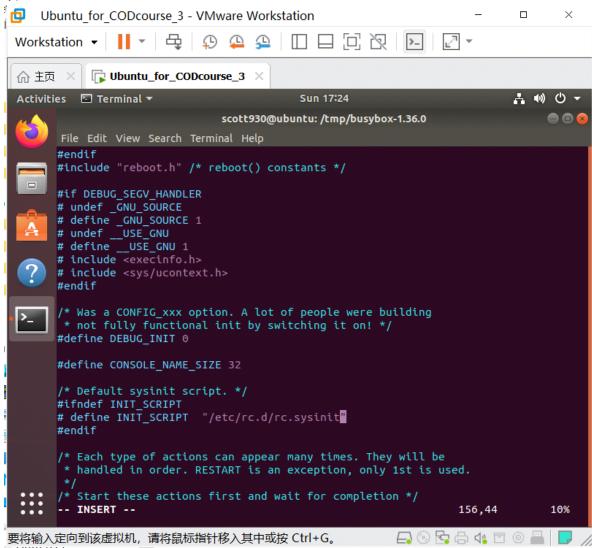
tmp目录每次开机启动都会被清空,所以这个教程放在tmp里面真的很迷……

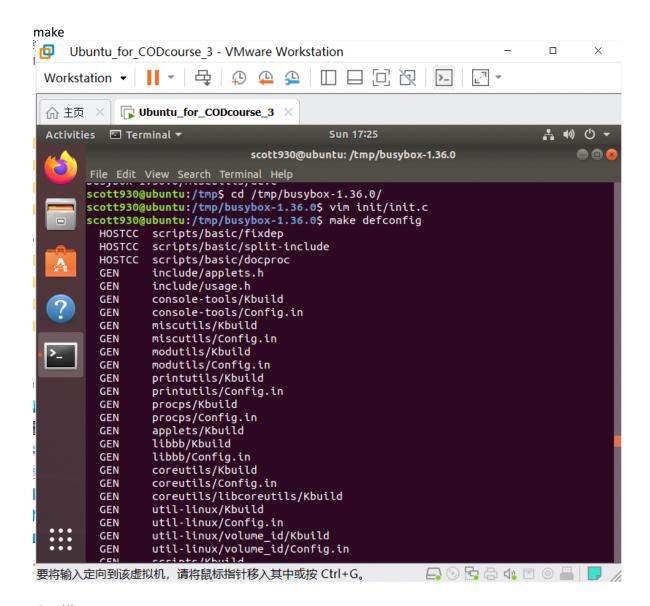


在/tmp里面解压



改init.c





出现错误

```
scott930@ubuntu:/tmp/busybox-1.36.0$ make menuconfig
HOSTLD scripts/kconfig/mconf
HOSTCC scripts/kconfig/lxdialog/checklist.o
<command-line>:0:12: fatal error: curses.h: No such file or directory
compilation terminated.
scripts/Makefile.host:120: recipe for target 'scripts/kconfig/lxdialog/checklis
t.o' failed
make[2]: *** [scripts/kconfig/lxdialog/checklist.o] Error 1
/tmp/busybox-1.36.0/scripts/kconfig/Makefile:14: recipe for target 'menuconfig'
failed
make[1]: *** [menuconfig] Error 2
Makefile:443: recipe for target 'menuconfig' failed
make: *** [menuconfig] Error 2
```

查询教程 (Linux内核开发 1 编译LInux内核 - 腾讯云开发者社区-腾讯云 (tencent.com))

报了一个错误信息:

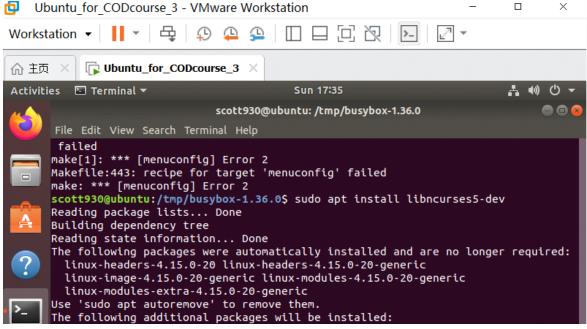
"<command-line>:0:12: fatal error: curses.h: No such file or directory"

提示找不到curses.h,这个是menu里的库文件,这很明显告诉我们缺少menu的库

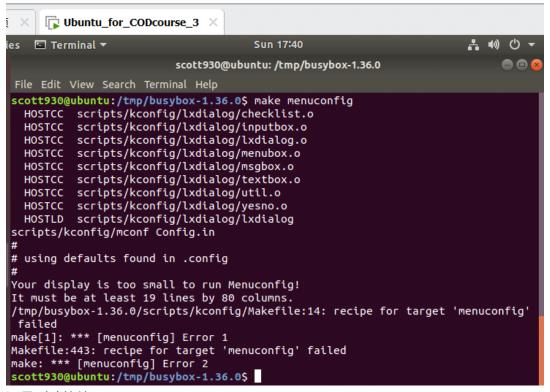
所以这里我们安装一下:

1 | sudo apt install libncurses5-dev

根据教程操作



发现另一个error



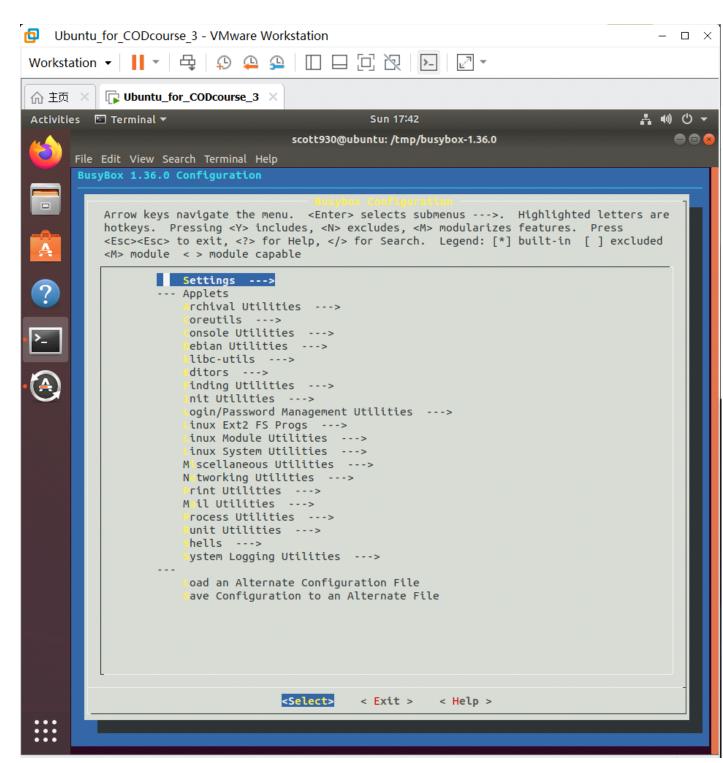
还是刚才的教程

"Your display is too small to run Menuconfig!

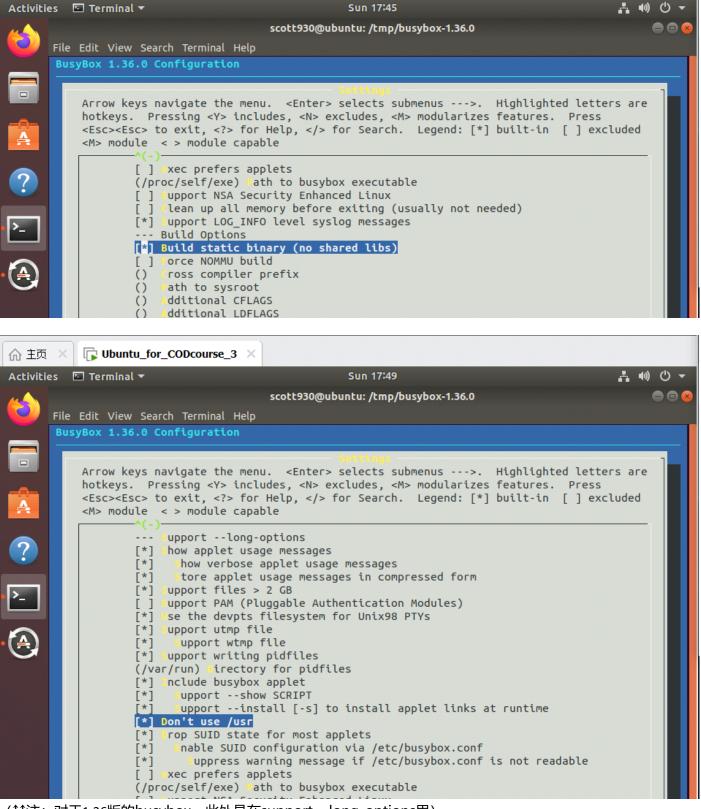
It must be at least 19 lines by 80 columns.

scripts/kconfig/Makefile:28: recipe for target 'menuconfig' failed"

意思是,这个配置工具在编写时对我们的终端窗口大小进行了限制,长和宽必须满足19*80 把窗口调大点,好力

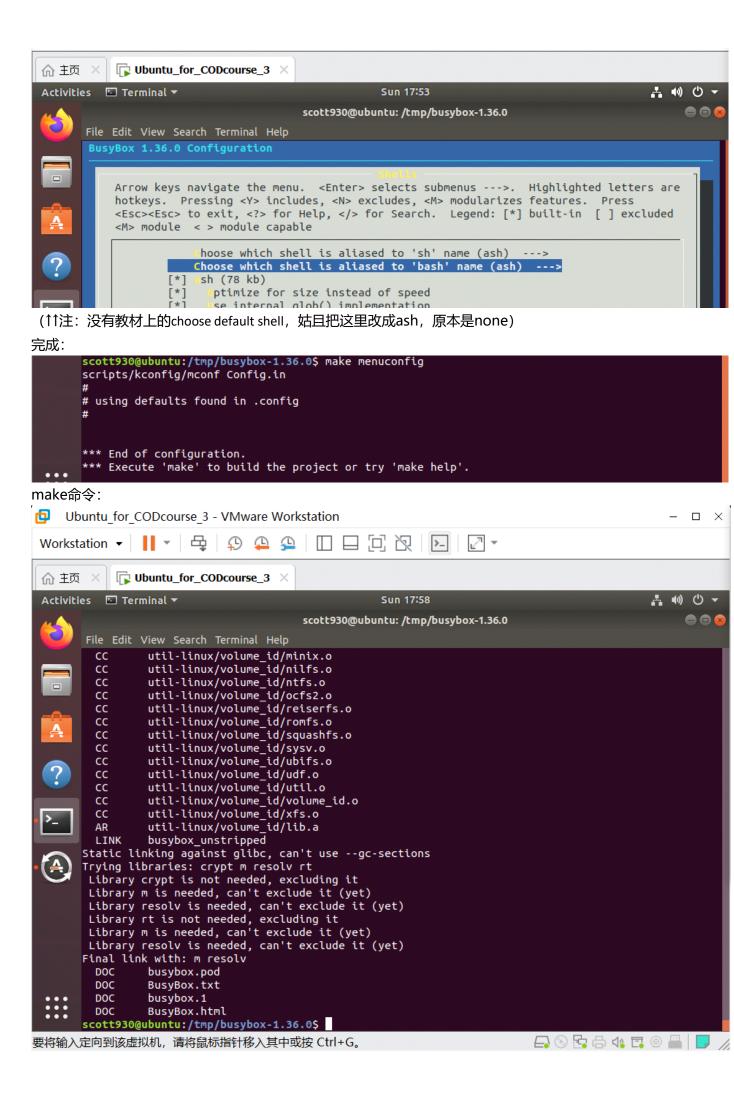


按enter进入settings, 改选项

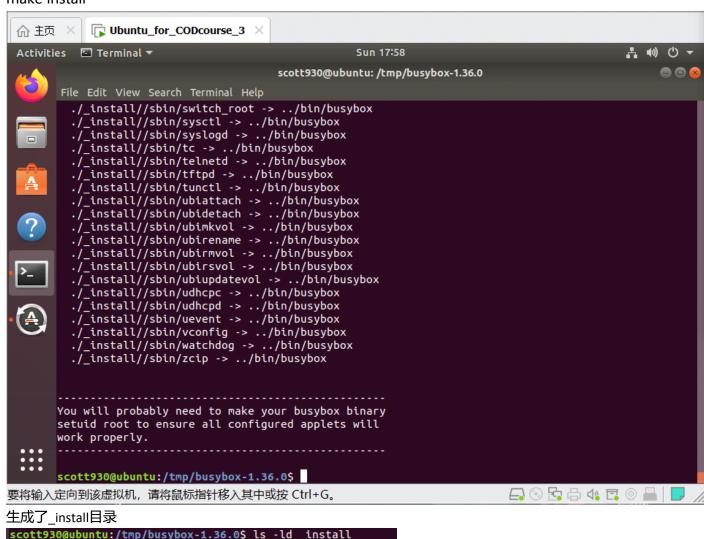


(↑↑注:对于1.36版的busybox,此处是在support --long-options里)

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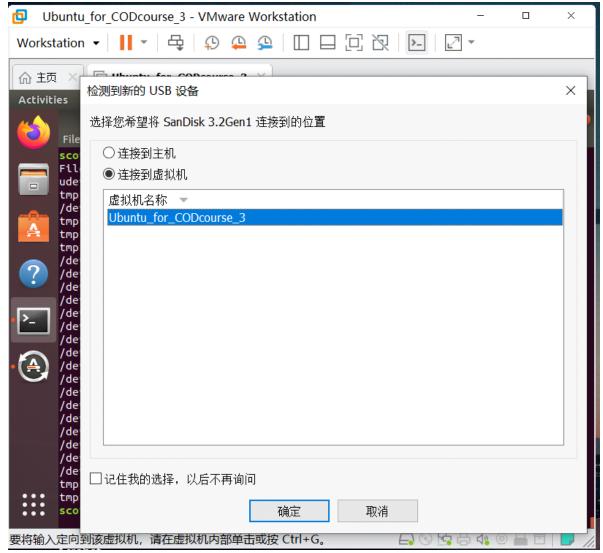


make install



在打开虚拟机客户端的情况下插入u盘

drwxrwxr-x 4 scott930 scott930 4096 Mar 19 17:58 _install



最下面一行, sdb1, 显示成功连上

