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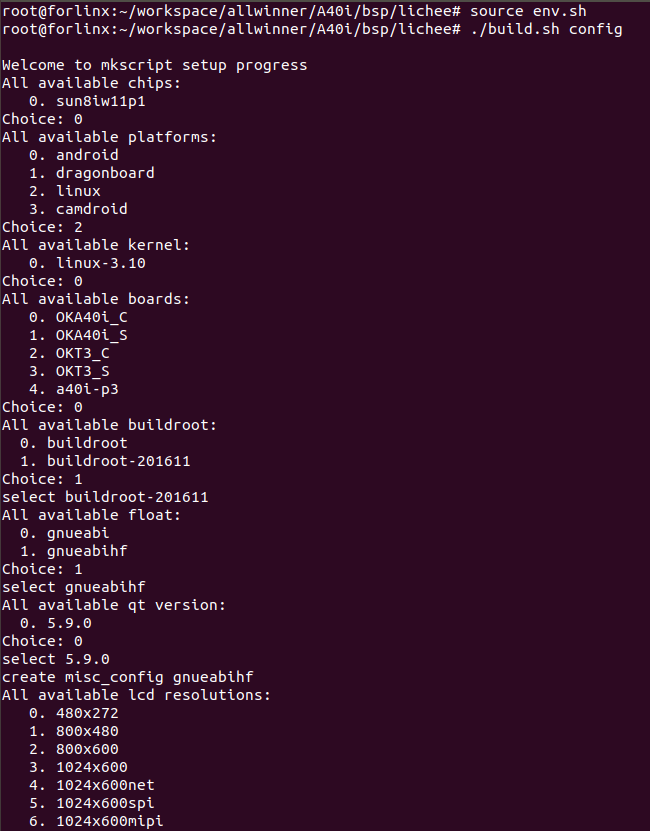
[20. D 10](#_Toc25639)

[21. ASD ASD AS 10](#_Toc22096)

[22. ASDAS D 10](#_Toc16426)

# 1.全源码编译

* 1. source env.sh
  2. ./build.sh config
  3. ./build.sh
  4. ./build.sh pack



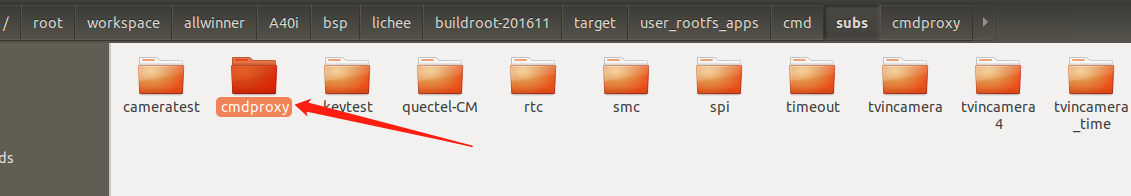
全编译

./build.sh

./build.sh pack

# 拷贝文件进去

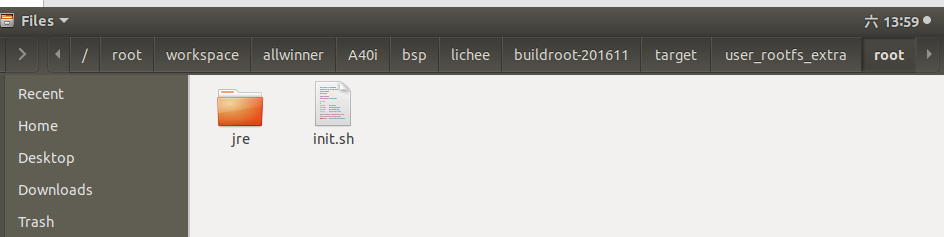
* 1. 按照路径添加自己的工程文件



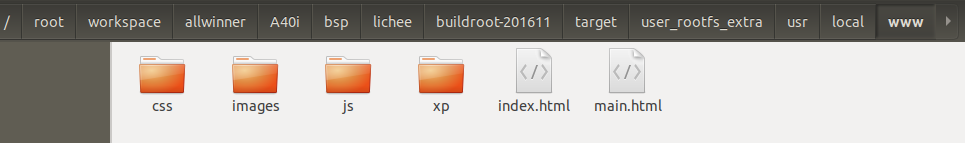
* 1. 添加需要的内容，注意观察路径

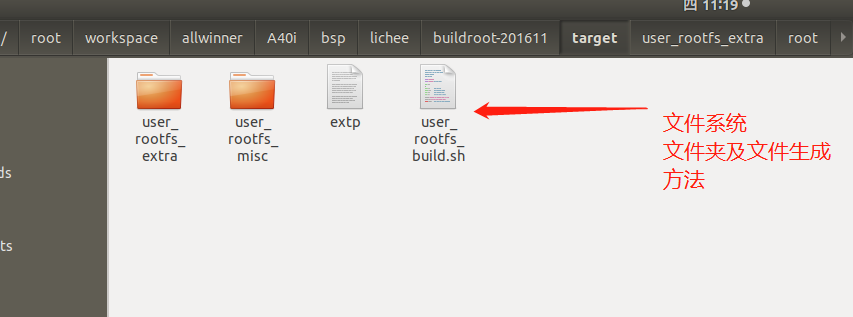


Root 目录地址



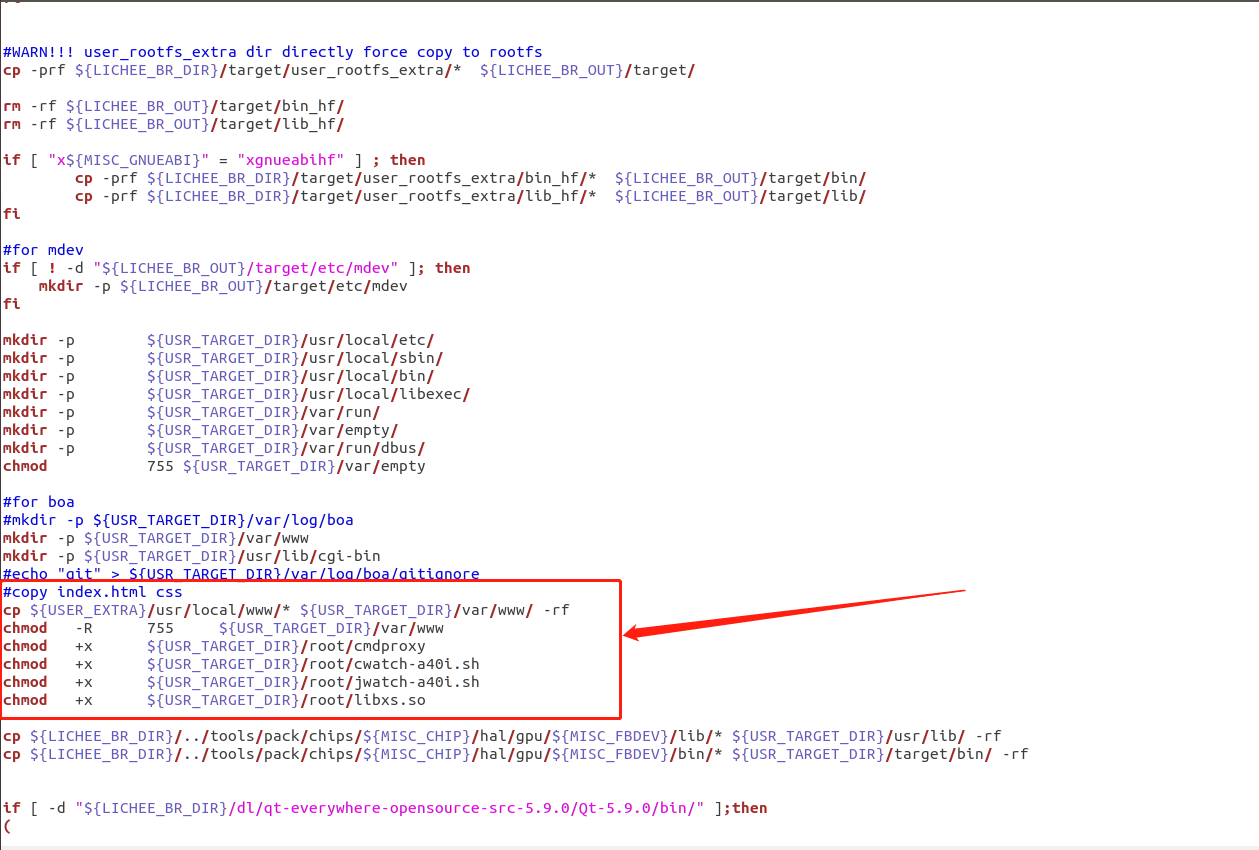
网页地址



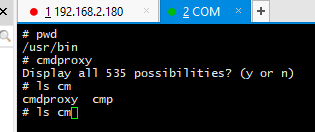


/workspace/allwinner/A40i/bsp/lichee/buildroot-201611/target#

user\_rootfs\_build.sh



* 1. 注意看最后的结果 在USR/BIN底下



# NFS服务器

**mount -t nfs -o nolock,nfsvers=3 192.168.2.205:/home/forlinx/nfs\_rootfs /root/nfs/**

# SYSLOG 日志文件系统

/sbin/syslogd 日志 开机是不运行的，需要手动启动一下

cat /var/log/messages 日志文件地址

/sbin/syslogd -O /tmp/messages -s 1024

# SSH位置

./buildroot-201611/dl/openssh-7.3p1/sshd\_config:43:#PermitRootLogin prohibit-password

修改 PermitRootLogin yes

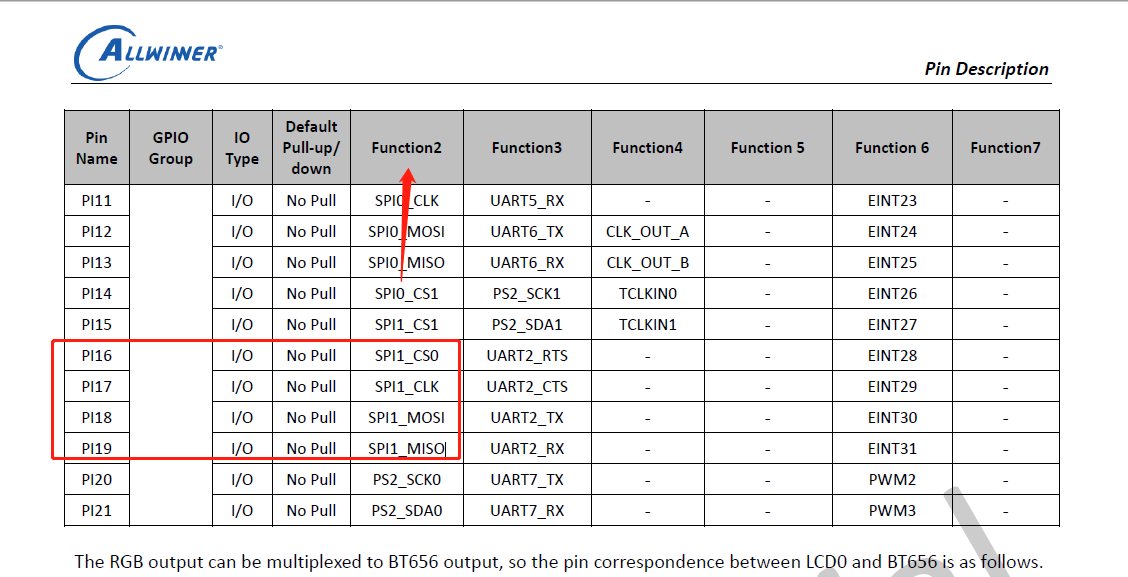
# 固件 DTS

tools/pack/chips/sun8iw11p1/configs/OKA40i\_C/sys\_config1024x600.fex

/workspace/allwinner/A40i/bsp/lichee/linux-3.10/arch/arm/boot/dts#

sun8iw11p1-OKA40i\_C.dts

# DATASHEET



# 配置GPIO

tools/pack/chips/sun8iw11p1/configs/OKA40i\_C/sys\_config1024x600.fex

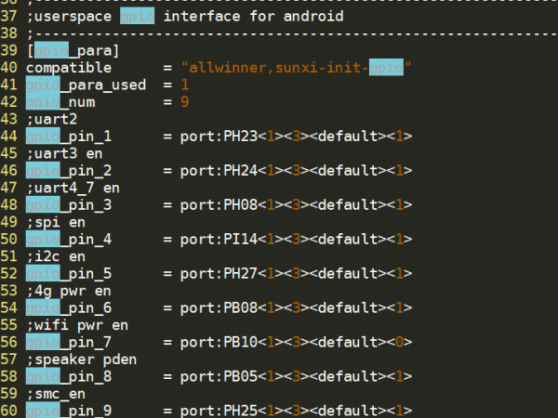
# cd /sys/class/gpio

gpio/ gpio\_sw/

# cd /sys/class/gpio\_sw/

# ls

PB10 PB5 PB8 PH23 PH24 PH25 PH27 PH8 PI14



使用方法二进行gpio引脚复用的情况下的测量方法：

#cd /sys/class/

#cd gpio\_sw/

PB10  PB5  PB8  PH24  PH25  PH27  PH8  PI14  PI21

#cd PI21

#cat cfg          查看当前cfg的状态，是1表示为输出，0表示为输入。

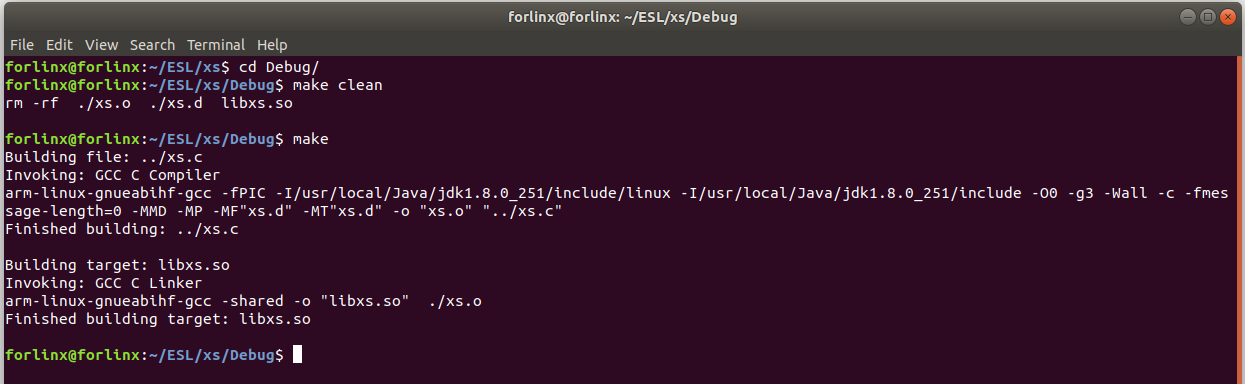
#echo 1 > cfg

#echo 1 >data     此时用万用表测PI21引脚的电压，应该为高电平。

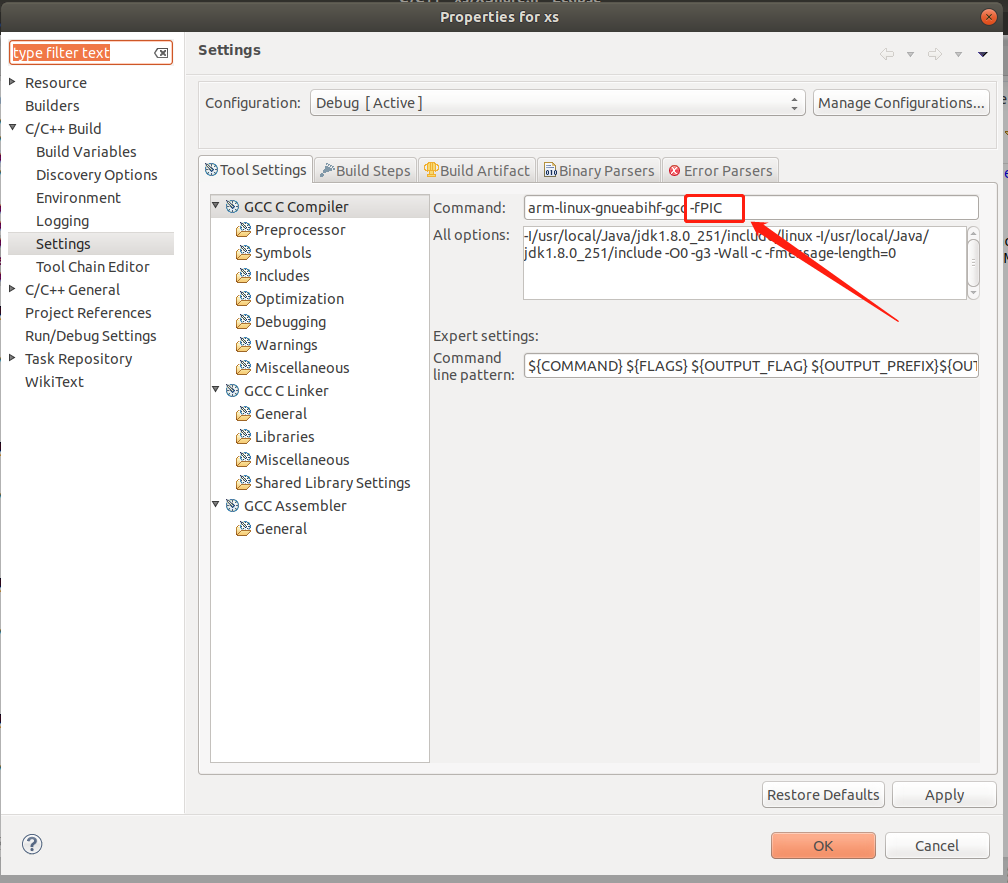
#echo 0 >data      此时用万用表测PI21引脚的电压，应该为低电平

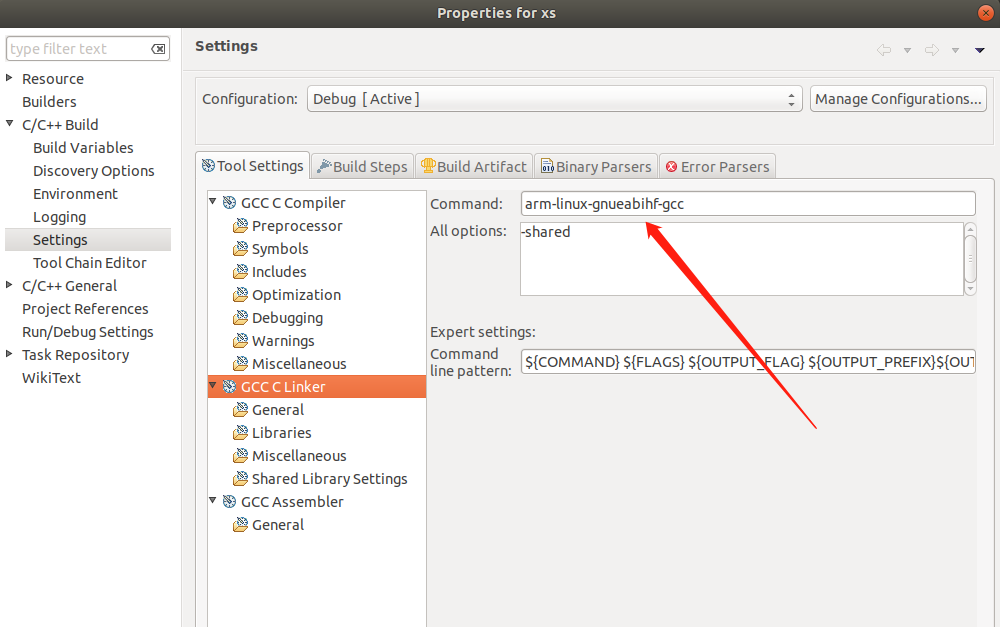
# 

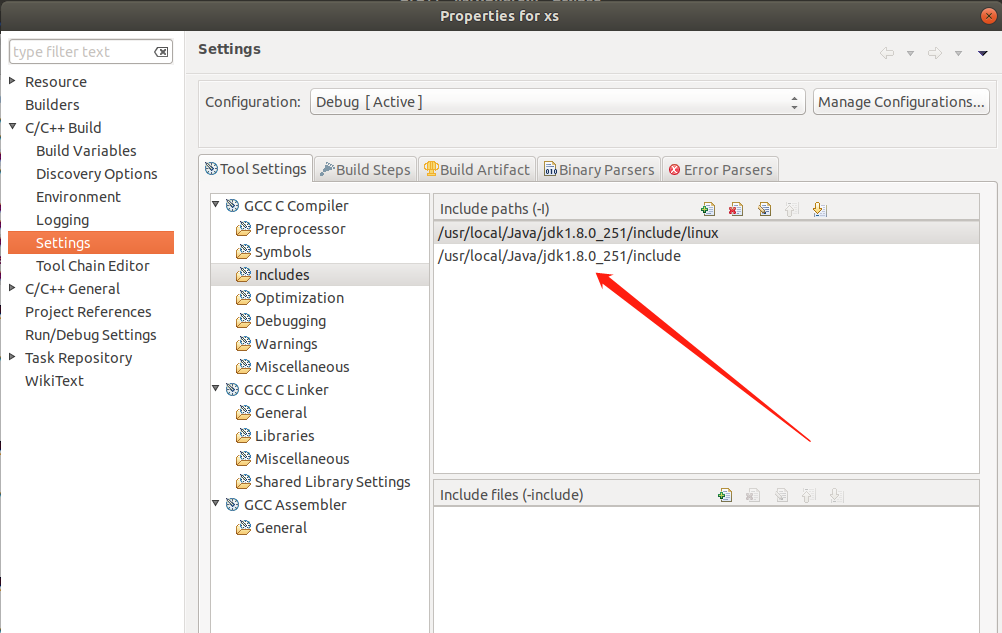
# 动态库相关



工程添加进去之后







# Sqlite3 数据库测试

sqlite3 DatabaseName.db

sqlite>.open test.db

sqlite>.databases

CREATE TABLE COMPANY(

ID INT PRIMARY KEY NOT NULL,

NAME TEXT NOT NULL,

AGE INT NOT NULL,

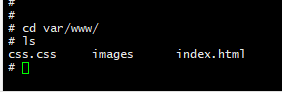
ADDRESS CHAR(50),

SALARY REAL);

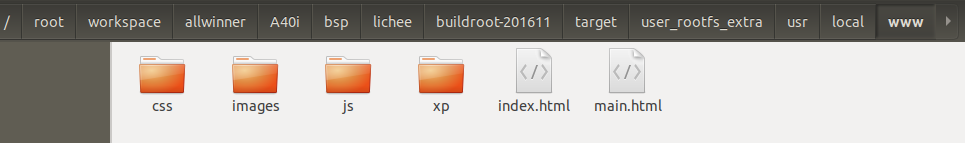
INSERT INTO COMPANY VALUES (7, 'James', 24, 'Houston', 10000.00 );

INSERT INTO COMPANY VALUES (7, 'James', 24, 'Houston', 10000.00 );

# 后台网页地址路径

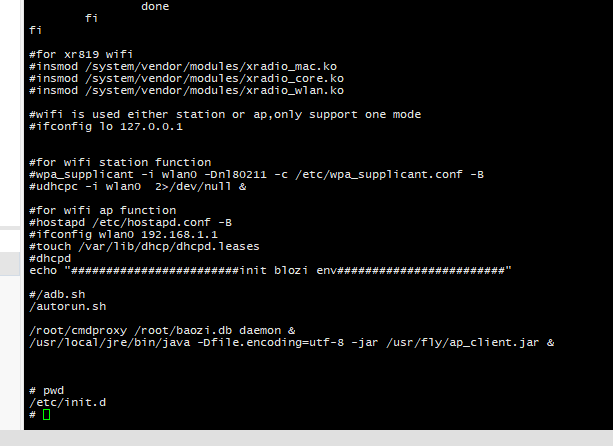


拷贝地址

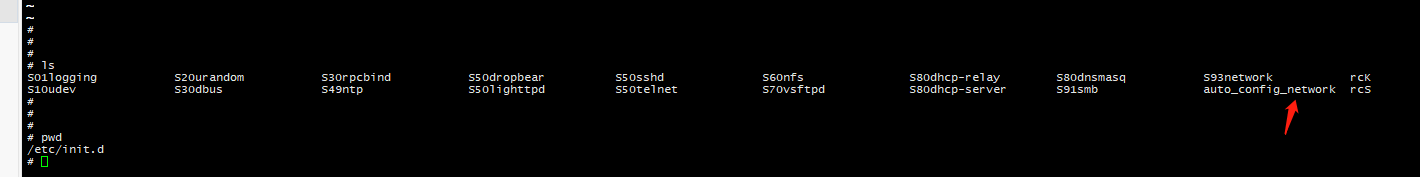


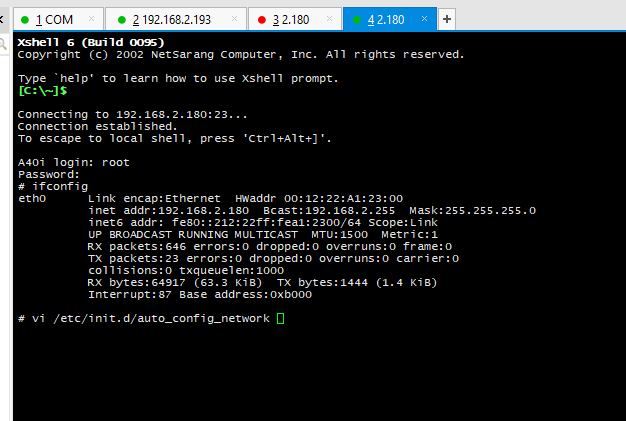
# 开机启动脚本修改方法

Vi /etc/init.d/rcS



# 网卡设置



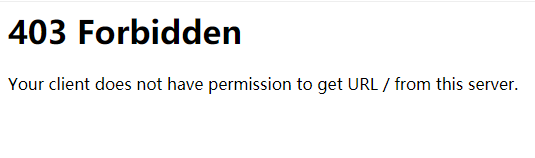




1. 参数设置

lichee/tools/pack/chips/sun8iw11p1/configs/default/env.cfg

1. BOA 网页问题



chmod -R 0777 /var/www/

1. 启动初始化 设置

Root 目录下面 init.sh

chmod +x cmdproxy cwatch-a40i.sh jwatch-a40i.sh libxs.so

chmod -R 0777 /var/www/

chmod +x /etc/init.d/rcS /etc/init.d/auto\_config\_network

1. 日志转内存存放

确定内存目录位置

# df -h

Filesystem Size Used Available Use% Mounted on

none 344.4M 0 344.4M 0% /dev

/dev/mmcblk0p7 7.0G 554.8M 6.2G 8% /

tmpfs 375.3M 0 375.3M 0% /dev/shm

tmpfs 375.3M 40.0K 375.2M 0% /tmp

tmpfs 375.3M 180.0K 375.1M 0% /run

/dev/mmcblk0p1 191.6M 1.8M 175.7M 1% /extp

注意看路径

diff --git a/buildroot-201611/target/user\_rootfs\_extra/etc/init.d/rcS b/buildroot-201611/target/user\_rootfs\_extra/etc/init.d/rcS

index 6fe912ba4..c9f0de85f 100755

--- a/buildroot-201611/target/user\_rootfs\_extra/etc/init.d/rcS

+++ b/buildroot-201611/target/user\_rootfs\_extra/etc/init.d/rcS

@@ -13,7 +13,7 @@ fi

#echo "starting udevd..."

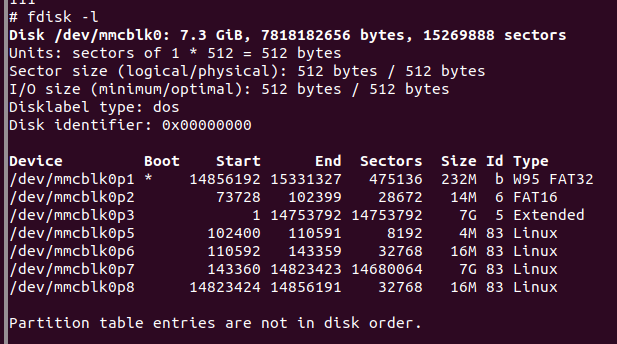
#/sbin/udevd --daemon

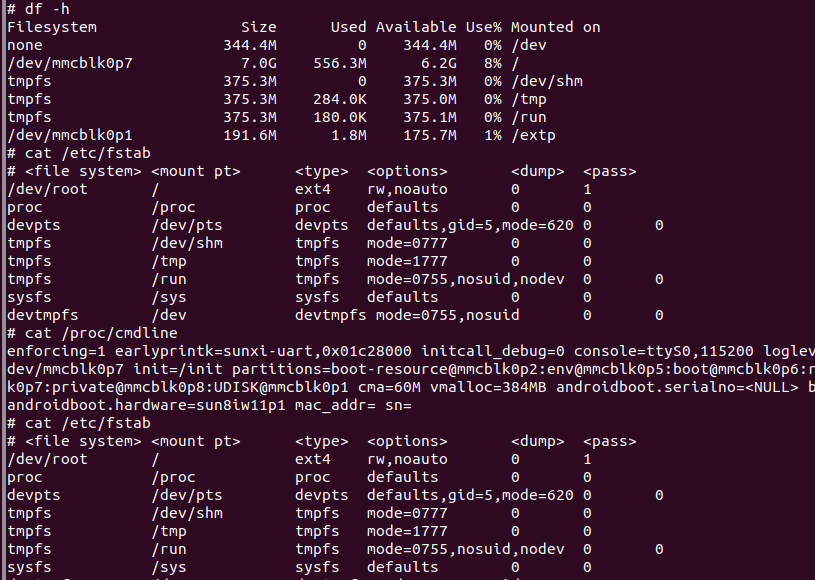
/etc/init.d/S10udev start

-/sbin/syslogd &

+/sbin/syslogd -O /tmp/messages &

1. 分区



****

# mount

proc on /proc type proc (rw,relatime)

sysfs on /sys type sysfs (rw,relatime)

none on /dev type devtmpfs (rw,relatime,size=353532k,nr\_inodes=74367,mode=755)

/dev/mmcblk0p7 on / type ext4 (ro,noatime,nodiratime,nobarrier,noauto\_da\_alloc,errors=remount-ro,data=ordered)

devpts on /dev/pts type devpts (rw,relatime,gid=5,mode=620,ptmxmode=000)

tmpfs on /dev/shm type tmpfs (rw,relatime,mode=777)

tmpfs on /tmp type tmpfs (rw,relatime)

tmpfs on /run type tmpfs (rw,nosuid,nodev,relatime,mode=755)

/dev/mmcblk0p1 on /extp type ext4 (rw,relatime,data=ordered)

**/dev/mmcblk0p9 on /usr0 type ext4 (rw,relatime,data=ordered)**

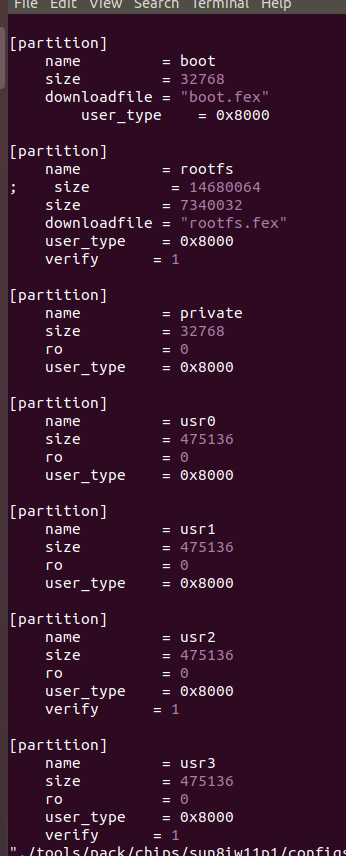
**/dev/mmcblk0p10 on /var/log type ext4 (rw,relatime,data=ordered)**

**/dev/mmcblk0p11 on /usr2 type ext4 (rw,relatime,data=ordered)**

/dev/mmcblk0p12 on /usr3 type ext4 (rw,relatime,data=ordered)

1. 分区





1. 只读脚本

# cat /autorun.sh

#!/bin/bash

# cat /usr0/

autorun.sh lost+found/ rcS xx

# cat /usr0/autorun.sh

#!/bin/bash

echo "---sui bian xie dian sha ---------"

mount -o remount,ro /dev/mmcblk0p7 /

1. 撒大声地
2. 阿斯达
3. 阿萨德阿萨德
4. 备用