

??? U-Boot kernel ??? STLinux ??????????????

????? U-Boot kernel ???:

<http://code.google.com/p/nexttv-mod/downloads/list>

????????????? README ???

?????

?????: U-boot\_sourcecode/

????????? u-boot-sh4-1.3.1\_stm23\_0045.tar.gz

tar xzf u-boot-sh4-1.3.1\_stm23\_0045.tar.gz

????????? U-Boot ???????? bootargs ?????????????? swUpdate.c

cd u-boot-sh4-1.3.1\_stm23\_0045

cd board/st/pdk7105/

cp -a swUpdate.c swUpdate.c.orig

vi swUpdate.c

swUpdate.c: ?? bootargs

...

```
    else if(partition == INT_USB_PARTITION_RUNNING)
```

```
    {
```

```
        setenv("bootargs", "console=ttyAS0,115200 root=8:2 rootfstype=ext3 rw
```

```
rootflags=data=journal nwhwconf=device:eth0,hwaddr:10:08:E2:12:06:BD phyaddr:0,watchdog:5000
```

```
mem=120M bigphysarea=2048");
```

```
        setenv("bootcmd", "ext2load usb 0:2 80000000 vmlinux.ub; bootm 80000000");
```

```
    }
```

...

```
? mem=120M ??? mem=256M
```

????

cd ../../..

make clean

make distclean

make pdk7105se\_config

make

TIPS:

?? u-boot kernel ?????????? Cross-Compile ?????????? Makefile ??????????

???????????????????? u-boot, u-boot.bin?? u-boot.bin ???????

?????? U-Boot ??????

???????????????????? U-Boot????????????? u-boot.bin ??? iptvubootupdate.bin

cd ../

cp u-boot-sh4-1.3.1\_stm23\_0045/u-boot.bin uboot\_update\_tool/

cd uboot\_update\_tool/

source makeupdateSW.sh

-->Need Update uboot? Set "y" to update,set "n" to ignore

UPDATEUBOOT =y

-->Please input uboot SW version:

UBOOT\_VER =1.3.1

-->Please input HW version:

SMIT: input "1"

HW\_VER =1

-->Please input device ID:

GB620: input "620"

DEV\_ID =620

-->Please input factory ID:

SMIT: input "101"

FAC\_ID =101

-->Please input Date:

eg: 2010-05 input "1005"

DATE =1212

\*\*\*\*\* Confirm Your Input Information \*\*\*\*\*

Update uboot: y

Uboot version: 1.3.1

SW\_VER:

HW\_VER: 1

DEV\_ID: 620

FAC\_ID: 101

Date : 1212

\*\*\*\*\*Please Confirm above Information\*\*\*\*\*

If the input info is no error,please input "y", or input "n".

InputInfoNoError =y

????????????? iptvbootupdate.bin?

**Q & A**

**Q: ??? iptvbootupdate.bin ???**

Ans????? U-Boot ??????

1. ??? USB ?????????? FAT16
2. ? U-Boot ????? iptvbootupdate.bin ??? USB ?????
3. ? USB ??????
4. ?????? Reset ?????????????????????? Reset
5. ?? 1-2 ??????????

**Q: ??? iptvbootupdate.bin ??????**

Ans??