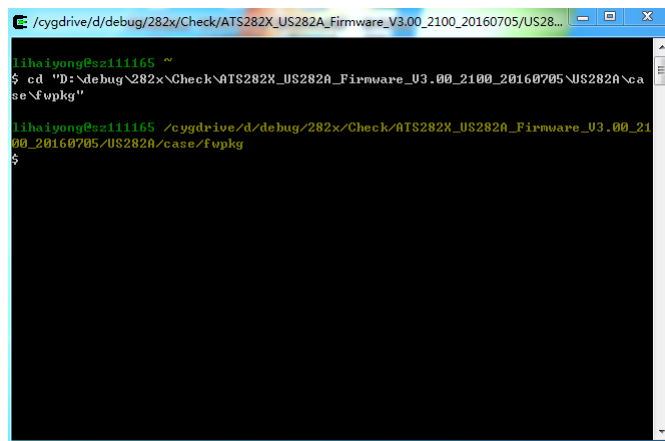
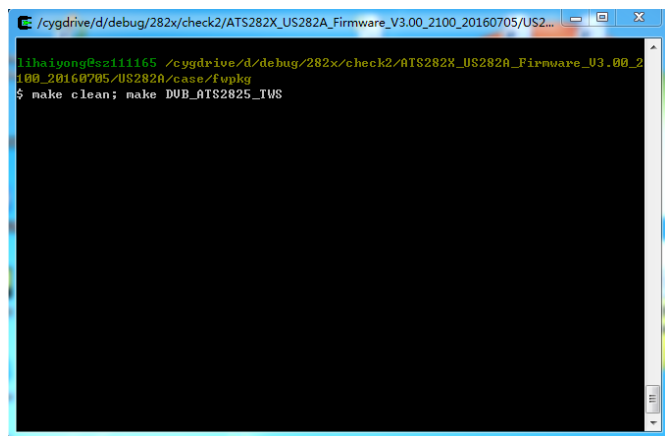


1. 进入..\case\fwpkg

A terminal window with a blue title bar. The title bar text is "/cygdrive/d/debug/282x/Check/ATS282X_US282A_Firmware_V3.00_2100_20160705/US28...". The terminal shows a user prompt "lihaiyong@sz111165 ~" followed by the command "cd \"D:\debug\282x\Check\ATS282X_US282A_Firmware_V3.00_2100_20160705\US282A\case\fwpkg\"". The prompt changes to "/cygdrive/d/debug/282x/Check/ATS282X_US282A_Firmware_V3.00_2100_20160705/US282A/case/fwpgk" and the cursor is on a new line.

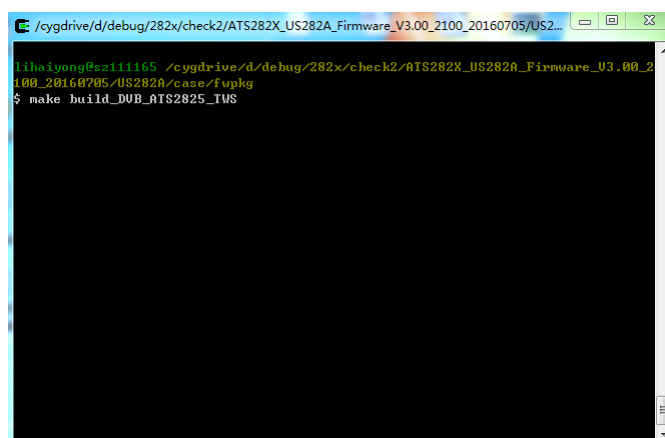
```
lihaiyong@sz111165 ~  
$ cd "D:\debug\282x\Check\ATS282X_US282A_Firmware_V3.00_2100_20160705\US282A\case\fwpkg"  
lihaiyong@sz111165 /cygdrive/d/debug/282x/Check/ATS282X_US282A_Firmware_V3.00_2100_20160705/US282A/case/fwpgk  
$
```

2. 如果需要编译 ATS2825, 输入 make clean; make DVB_ATS2825_TWS. 完成后就可以生成 US282A_BTBOX_DVB_ATS2825_TWS.FW.

A terminal window with a blue title bar. The title bar text is "/cygdrive/d/debug/282x/check2/ATS282X_US282A_Firmware_V3.00_2100_20160705/US2...". The terminal shows a user prompt "lihaiyong@sz111165 /cygdrive/d/debug/282x/check2/ATS282X_US282A_Firmware_V3.00_2100_20160705/US282A/case/fwpgk" followed by the command "make clean; make DVB_ATS2825_TWS".

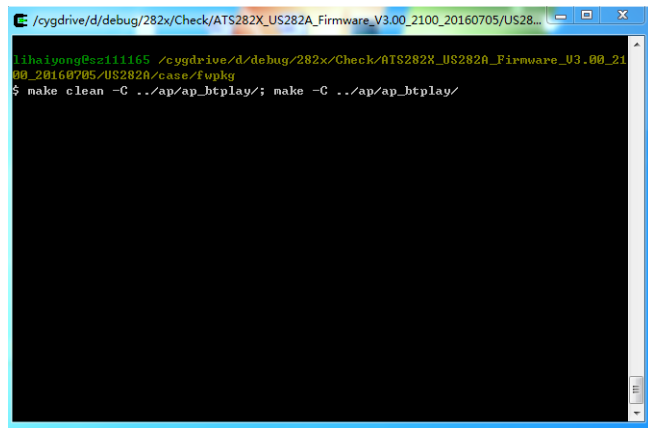
```
lihaiyong@sz111165 /cygdrive/d/debug/282x/check2/ATS282X_US282A_Firmware_V3.00_2100_20160705/US282A/case/fwpgk  
$ make clean; make DVB_ATS2825_TWS
```

3. 后续需要再次生成固件, 可以通过 make build_DVB_ATS2825_TWS

A terminal window with a blue title bar. The title bar text is "/cygdrive/d/debug/282x/check2/ATS282X_US282A_Firmware_V3.00_2100_20160705/US2...". The terminal shows a user prompt "lihaiyong@sz111165 /cygdrive/d/debug/282x/check2/ATS282X_US282A_Firmware_V3.00_2100_20160705/US282A/case/fwpgk" followed by the command "make build_DVB_ATS2825_TWS".

```
lihaiyong@sz111165 /cygdrive/d/debug/282x/check2/ATS282X_US282A_Firmware_V3.00_2100_20160705/US282A/case/fwpgk  
$ make build_DVB_ATS2825_TWS
```

4. 如果要修改某些模块的代码, 可以直接指向对应目录, 编译代码。再用上面的方法生成固件。如:



```
/cygdrive/d/debug/282x/Check/ATS282X_US282A_Firmware_V3.00_2100_20160705/US28...  
lihaiyong@sz111165 /cygdrive/d/debug/282x/Check/ATS282X_US282A_Firmware_V3.00_21...  
00_20160705/US282A/case/fupkg  
$ make clean -C ../ap/ap_btplay/; make -C ../ap/ap_btplay/
```

5. 升级固件，请使用”Media product tool V2.01.05”工具。