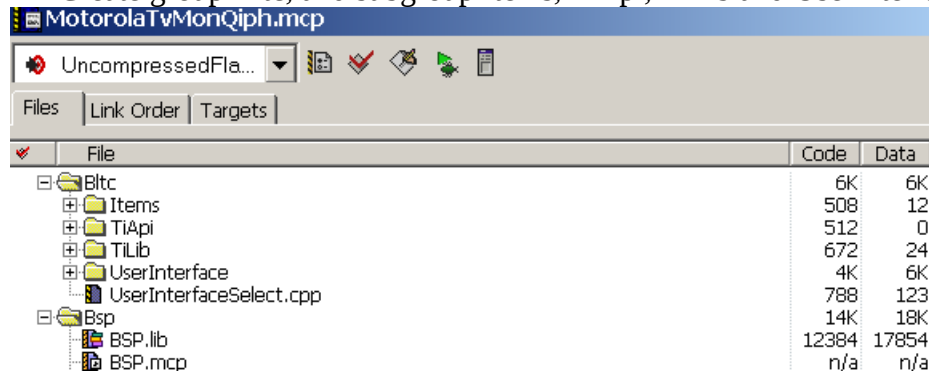


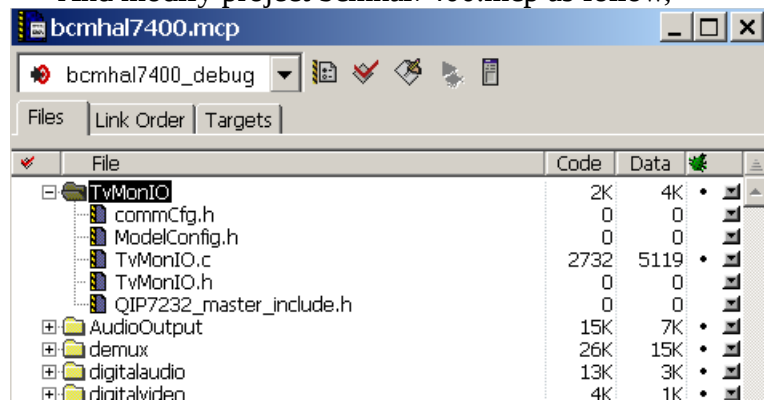
1. Run TVMON\_build.bat to ensure it's work.
2. Change MotorolaTvMonQiph.mcp as follow,  
Create group Bltc, and subgroup Items, TiApi, TiLib and UserInterface as follow



The screenshot shows the MotorolaTvMonQiph.mcp project in a development tool. The project is set to 'UncompressedFla...' and has tabs for 'Files', 'Link Order', and 'Targets'. The 'Files' tab is active, showing a tree view of the project structure. The tree view shows a group 'Bltc' containing subgroups 'Items', 'TiApi', 'TiLib', and 'UserInterface'. The 'UserInterface' subgroup contains the file 'UserInterfaceSelect.cpp'. Below the 'Bltc' group is the 'Bsp' group, which contains 'BSP.lib' and 'BSP.mcp'. To the right of the tree view is a table showing the code and data sizes for each file.

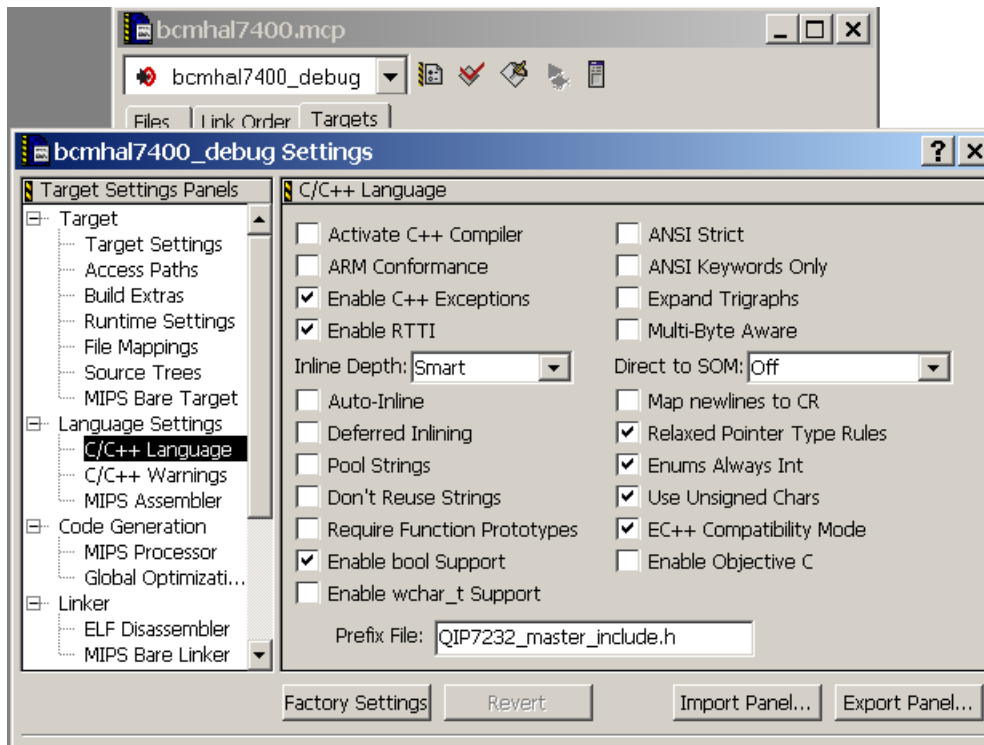
File	Code	Data
Bltc	6K	6K
Items	508	12
TiApi	512	0
TiLib	672	24
UserInterface	4K	6K
UserInterfaceSelect.cpp	788	123
Bsp	14K	18K
BSP.lib	12384	17854
BSP.mcp	n/a	n/a

3. Create dir TvMon\Libs\Broadcom\_Hal\src\TvMonIO, and copy those 5 files to it.  
And modify project bcmhal7400.mcp as follow,



The screenshot shows the bcmhal7400.mcp project in a development tool. The project is set to 'bcmhal7400\_debug' and has tabs for 'Files', 'Link Order', and 'Targets'. The 'Files' tab is active, showing a tree view of the project structure. The tree view shows a group 'TvMonIO' containing files 'commCfg.h', 'ModelConfig.h', 'TvMonIO.c', 'TvMonIO.h', and 'QIP7232\_master\_include.h'. Below the 'TvMonIO' group are subgroups 'AudioOutput', 'demux', 'digitalaudio', and 'dinitalvirden'. To the right of the tree view is a table showing the code and data sizes for each file.

File	Code	Data
TvMonIO	2K	4K
commCfg.h	0	0
ModelConfig.h	0	0
TvMonIO.c	2732	5119
TvMonIO.h	0	0
QIP7232_master_include.h	0	0
AudioOutput	15K	7K
demux	26K	15K
digitalaudio	13K	3K
dinitalvirden	4K	1K



4. Search “Gamma modify” (case sensitive) in TvMon dir and update them.
  - (1). For porting BLTC,  
main.c
  - (2). For porting TvMon Command mechanism,  
userio.h , bcmdbg.h , mainmenu.c, atatest.c, bCmdDigAudioDec.c ,  
prompt.c
  - (3). For Software disable RS232 Tx solution,  
hw\_init.c, bkni.c
  - (4). In P5, more  
bCmdKpd.c, bCmdVidOut.c, elibc.h, bCmdQus.c, bqds.c, bqus.c,  
bqus\_3255\_scripts.c, EntropicPower.c, LsiDmnEncoderMenu.c.
5. Follows files only for TvMon9.10 to fix the bug in DCH3416P5. TvMon9.11 has fix this bug, so no need any more. I write them down for check,  
btrn\_mtm.h, btrn\_mtm.c, bCmdDigAudioDec.c.