

Building the OSTC firmware using the MPLAB IDE

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Software

You can download the MPLAB IDE from the Microchip Website: <http://www.microchip.com>

Short manual

A detailed manual for the IDE is included in the Online help.

The workspace file is called ostc.mcw

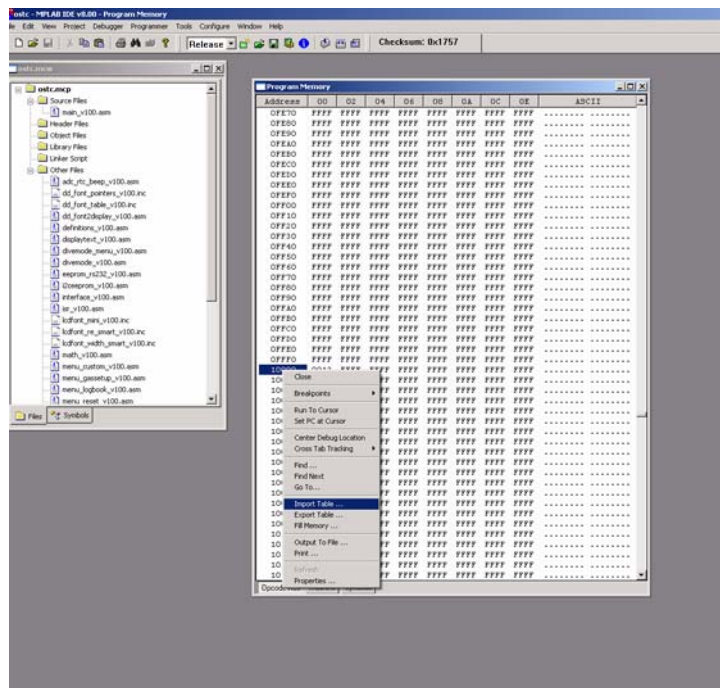
Main program is in the main_vxxx.asm - the other files will be included from this file.

Build project with F10, check „Output” window for warnings, errors or messages!

Include compiled C-Code parts into project

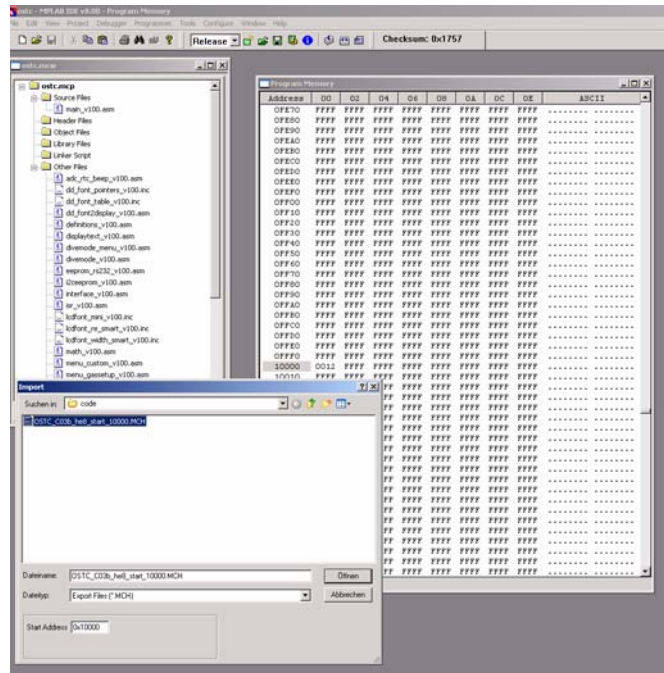
Some parts (as the decompression routine) are written in C language. These parts must be imported in the current build:

Step One:



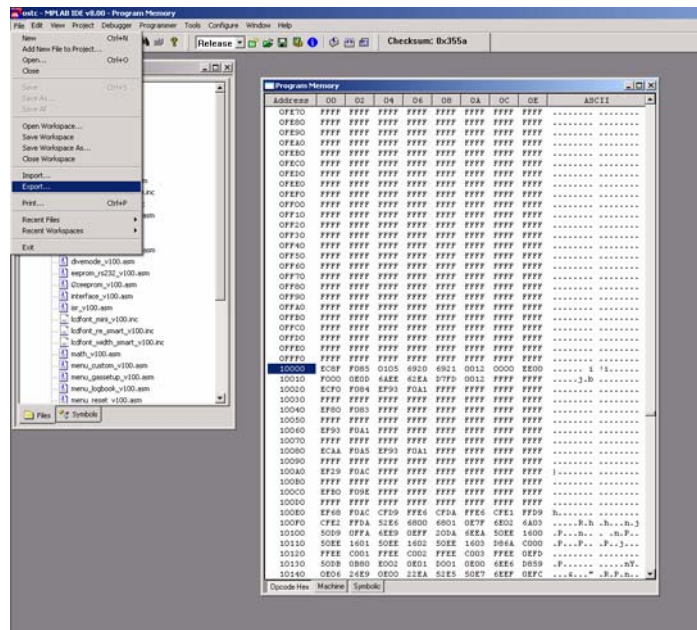
- Open „View” - „Program Memory”
- Goto Address 0x10000
- Right-click „Import Table...”

Step Two:



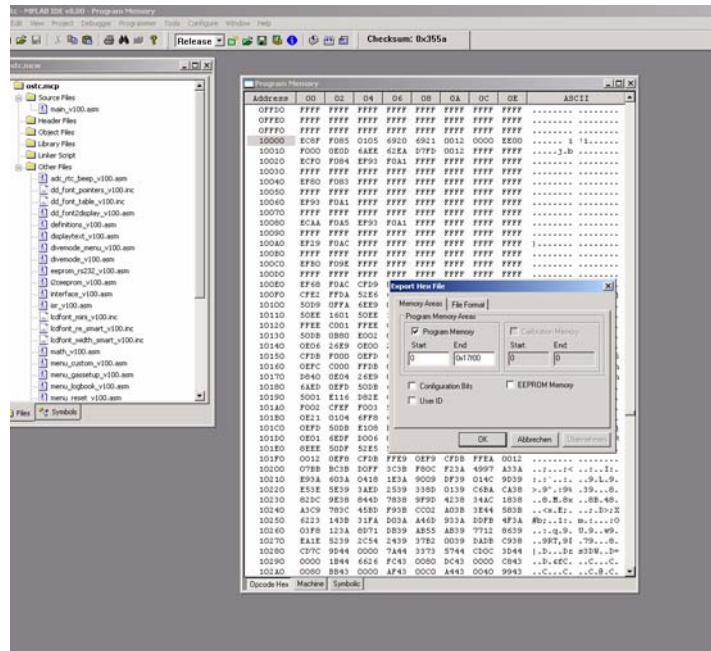
- select current MCH file and click „open”

Step Three:



- Select „File” - „Export....”

Step Four:



- Export HEX file from 0x00 to 0x17F00
- The result is the HEX file you can upload into your OSTC using the Bootloader