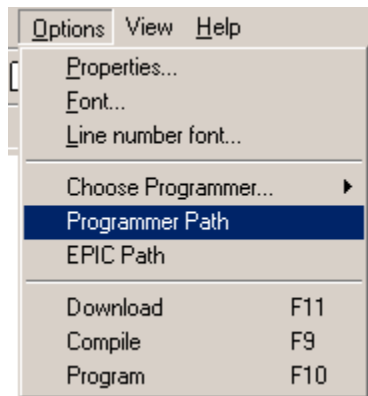
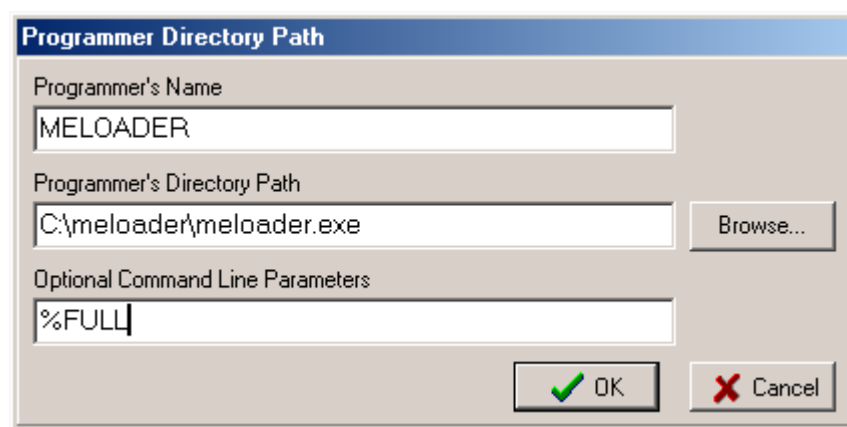


Choosing an external Programmer

When the Editor is first installed, the default programmer of choice is the melab's EPIC. However, not everyone has, or uses the EPIC programmer. Therefore, virtually any programmer capable of accepting command line parameters may be used instead.



Locate and click the **OPTIONS** pull down menu, and click on the **PROGRAMMER PATH** menu item (shown above). You will be presented with a new window (shown below). You may now add the name of the programmer, and also it's location on the computer.



The programmer's name should be written in the '**PROGRAMMER'S NAME**' edit box. In the picture above, it is the MELOADER.

The programmer's location on the hard-drive should be written in the '**PROGRAMMER'S DIRECTORY PATH**'. This enables the editor to find and run the EXE file associated with your particular programmer. If the location is not known, then click the **BROWSE** button, and locate the EXE file by looking at the hard drive.

The command line parameters that must be passed to the programmer are added in the bottom edit window. The commands are unique to the programmer of choice. To help with command passing, three keywords are included that automatically insert the current PICmicro device used in the BASIC program, as well as the HEX file that will be produced. These are outlined below: -

%PICmicro will insert the PICmicro's name i.e. -d %PICmicro will become -d 16F877 (if a PIC16F877 device was chosen for the BASIC program). The -d part is only for use with the EPIC software, and may not be required by your programmer.

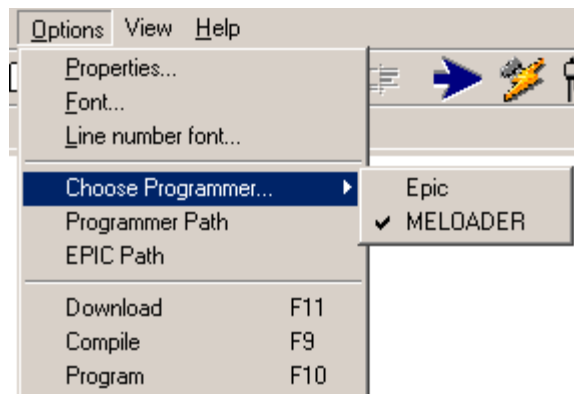
%FILENAME will insert the HEX file's name only i.e.%FILENAME will become FLASH.HEX

%FULL will insert the whole path as well as the HEX file's name i.e.
C:\Path\FLASH.HEX

The KEYWORDS may be used in any combination i.e. -dPIC%PICmicro %FULL. Is for EPIC

Once the programmer's path, name and parameters have been entered, you can enable that programmer as the programmer of choice whenever the program button is pressed.

Locate and click the **OPTIONS** pull down menu, and move the mouse pointer over '**CHOOSE PROGRAMMER**'. A small menu will appear displaying your new choice of programmer, as well as the standard EPIC choice.



Clicking on the new programmer's name will make that the default programmer.

See also: [Locating the EPIC Programmer](#), [Using the built in bootloader](#).