

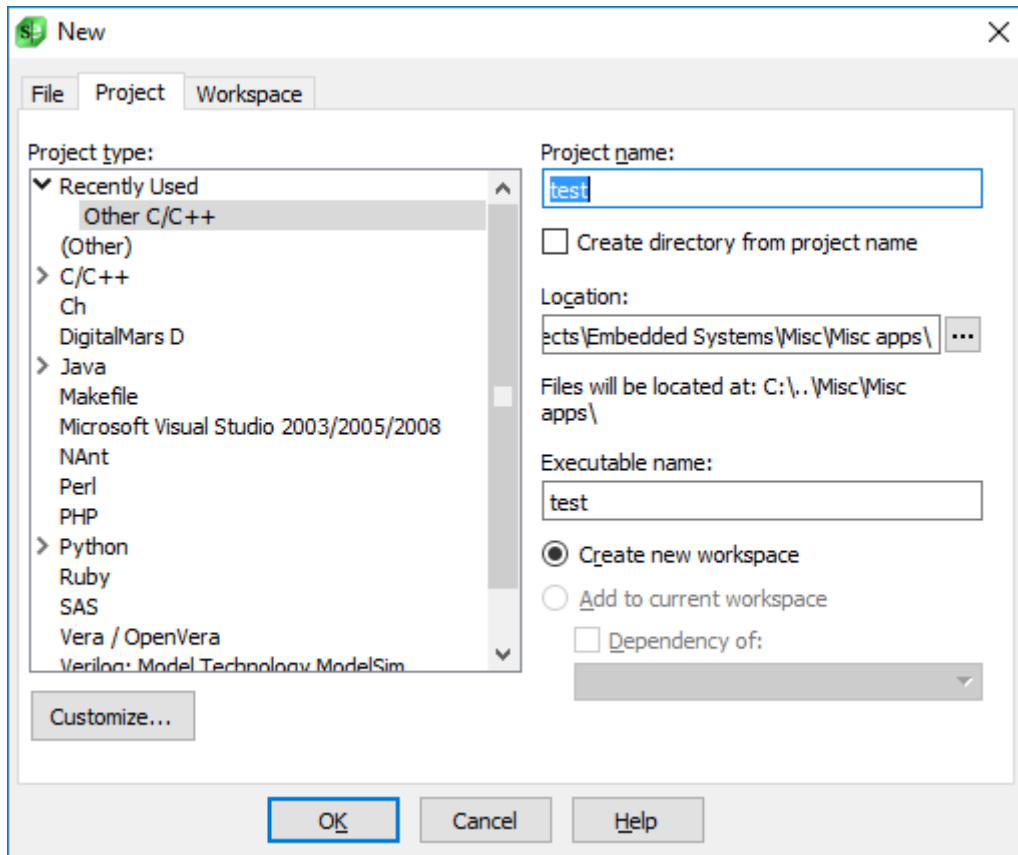
Integration of CCS C Compiler into SlickEdit

V: 1.0.1

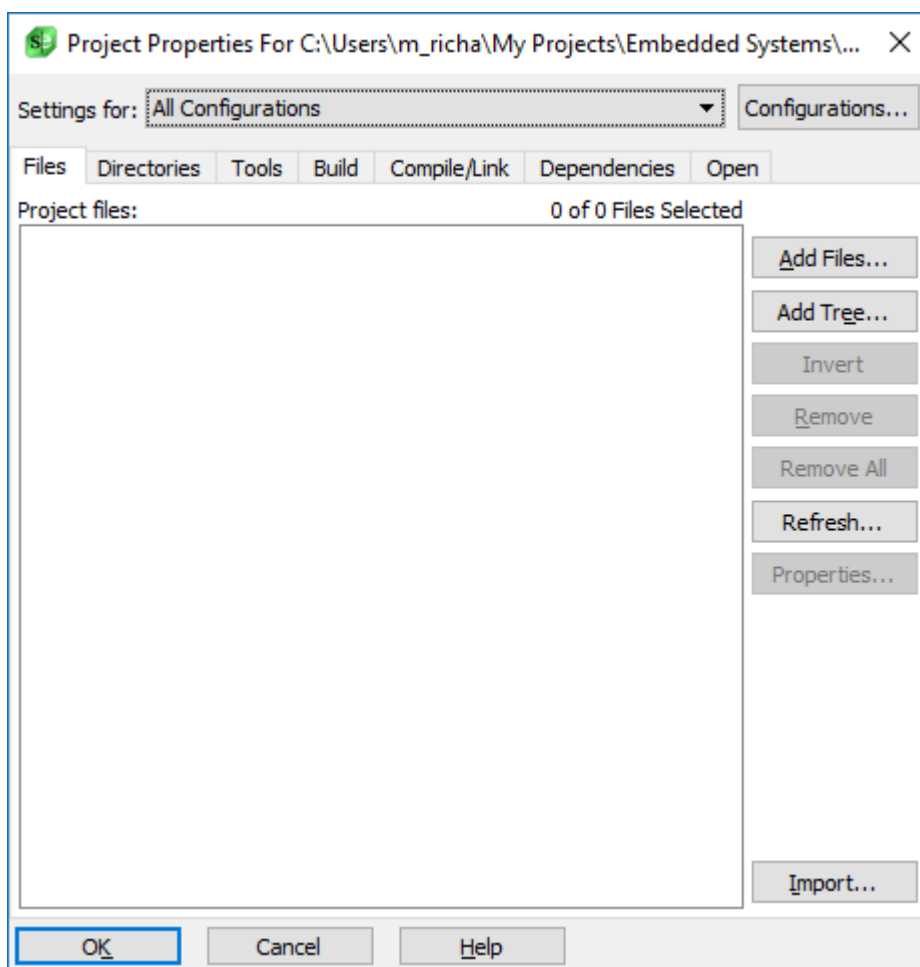
By M. Richa

Single Compilation Unit

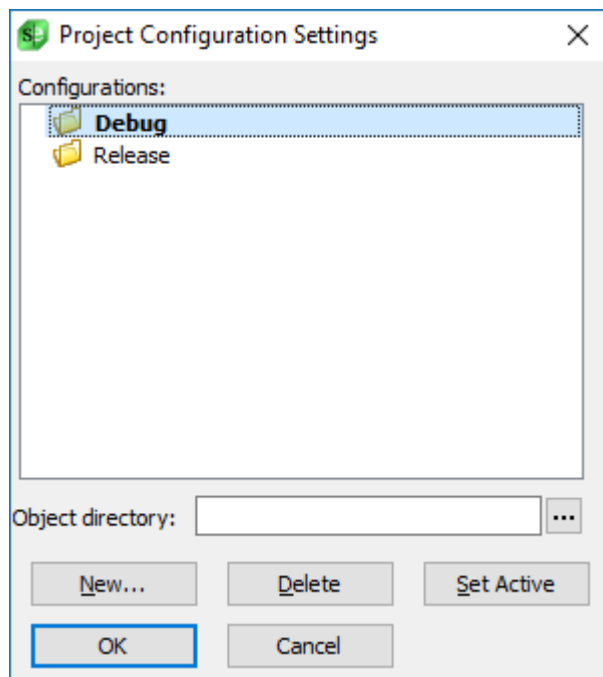
Project → New



Add files to workspace:

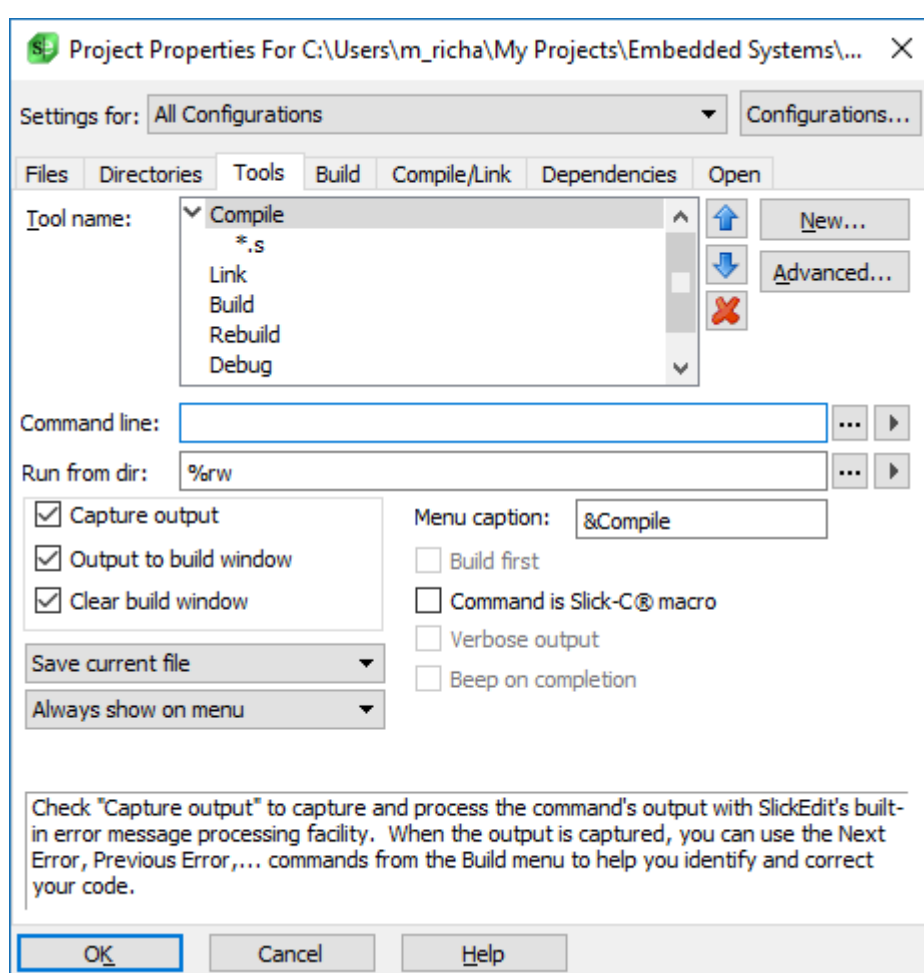


Click "Configurations" and delete "Debug"



In the “Tools” tab, under “Compile”, add the following command line:

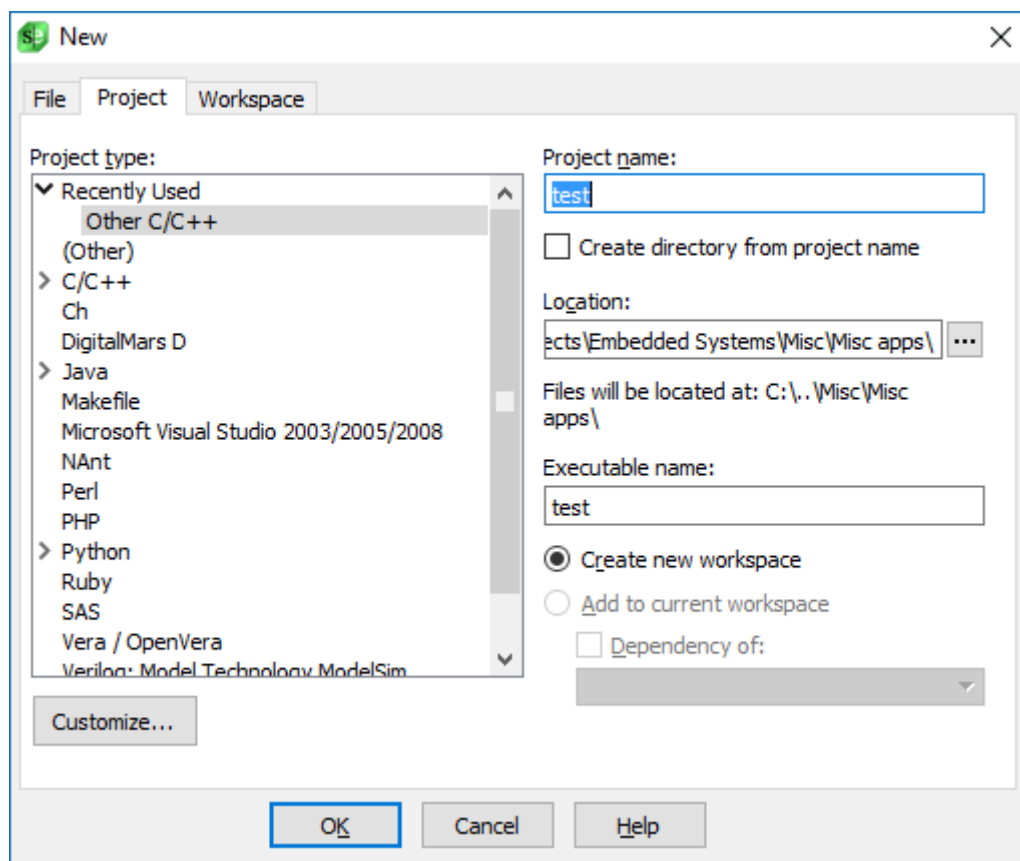
"C:\Program Files (x86)\PICC\Ccsc.exe" +FH +DF +M +ES +EA +T +LS +STDOUT *filename.c*



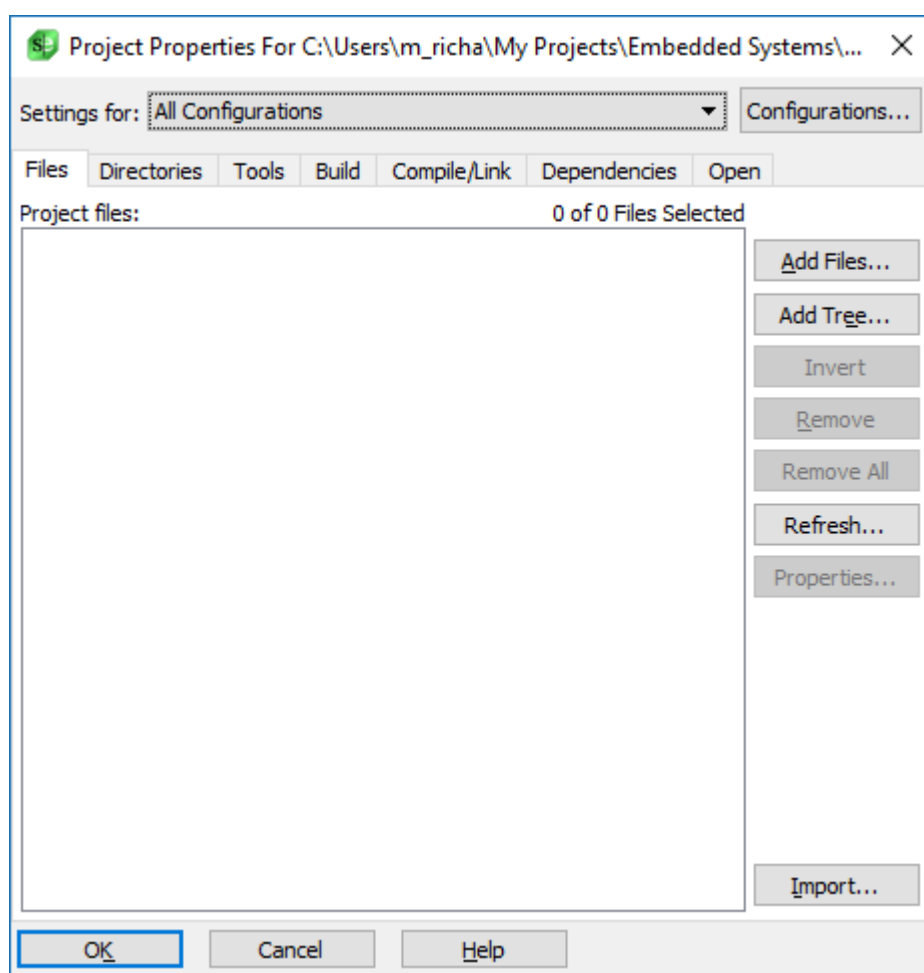
Where *filename.c* is the main C file

Multiple Compilation Units

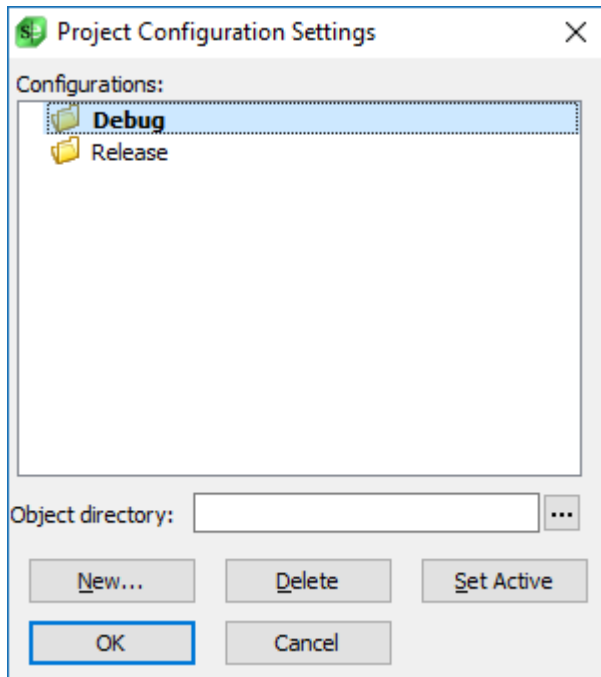
Project → New



Add files to workspace:

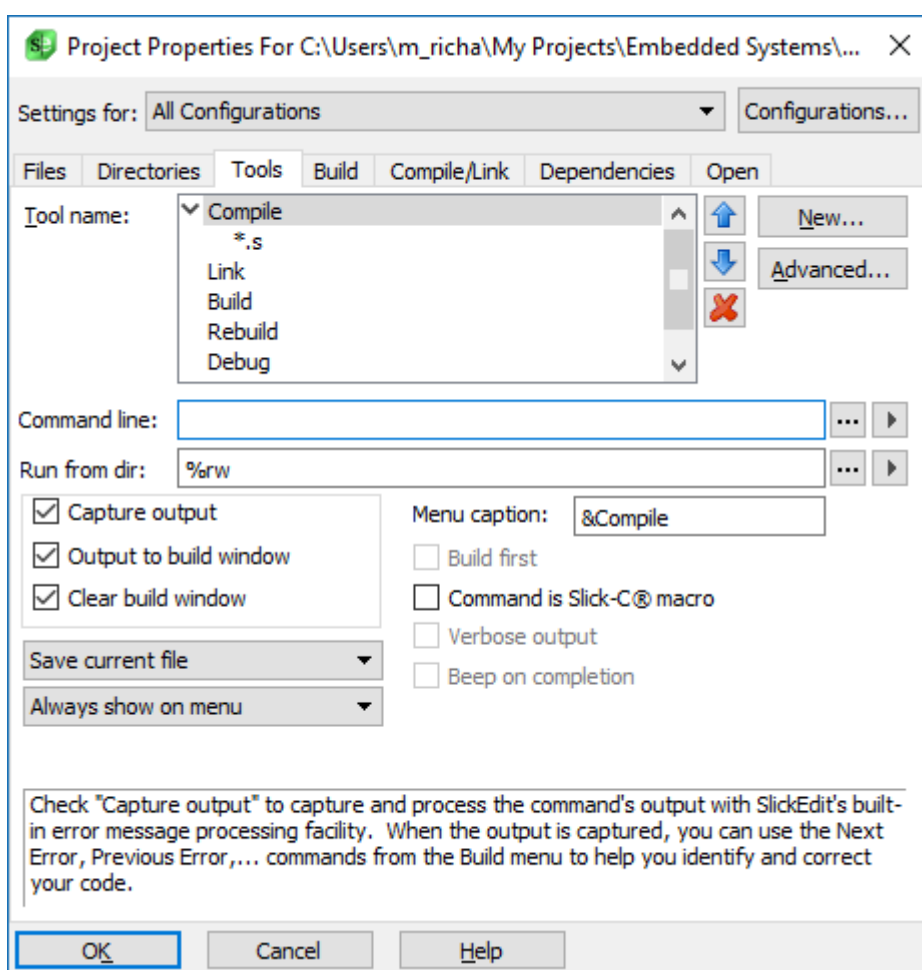


Click "Configurations" and delete "Debug"



In the “Tools” tab, under “Compile”, add the following command line:

"C:\Program Files (x86)\PICC\Ccsc.exe" +FH +DF +M +ES +EA +T +LS +STDOUT +EXPORT %n.c



Under “Link” add the following command line: link.bat (to be created, see below)

Under “build” add the following command line: build_all.bat (to be created, see below)

Link.bat content:

```
@ "C:\Program Files (x86)\PICC\Ccsc.exe" +FH +DF +M +ES +EA +T +LS -P
LINK="hexfilename.hex=file1.o,file2.o,file3.o,file4.o"
@ "C:\Program Files (x86)\PICC\Ccsc.exe" +FH +DF +M +ES +EA +T +LS +STDOUT LINK="hexfilename=
file1.o,file2.o,file3.o,file4.o"
```

Where **hexfilename** is the output hex file and **filex.o** is the compilation unit output file

Build_all.bat content:

```
@echo OFF
del *.hex
del *.cof
del *.o
del *.err
del *.osym
del *.esym
del *.xsym
del *.lst
@echo On

"C:\Program Files (x86)\PICC\Ccsc.exe" +FH +DF +M +ES +EA +T +LS +STDOUT +EXPORT file1.c
"C:\Program Files (x86)\PICC\Ccsc.exe" +FH +DF +M +ES +EA +T +LS +STDOUT +EXPORT file2.c
"C:\Program Files (x86)\PICC\Ccsc.exe" +FH +DF +M +ES +EA +T +LS +STDOUT +EXPORT file3.c
"C:\Program Files (x86)\PICC\Ccsc.exe" +FH +DF +M +ES +EA +T +LS +STDOUT +EXPORT file4.c

@link.bat
```

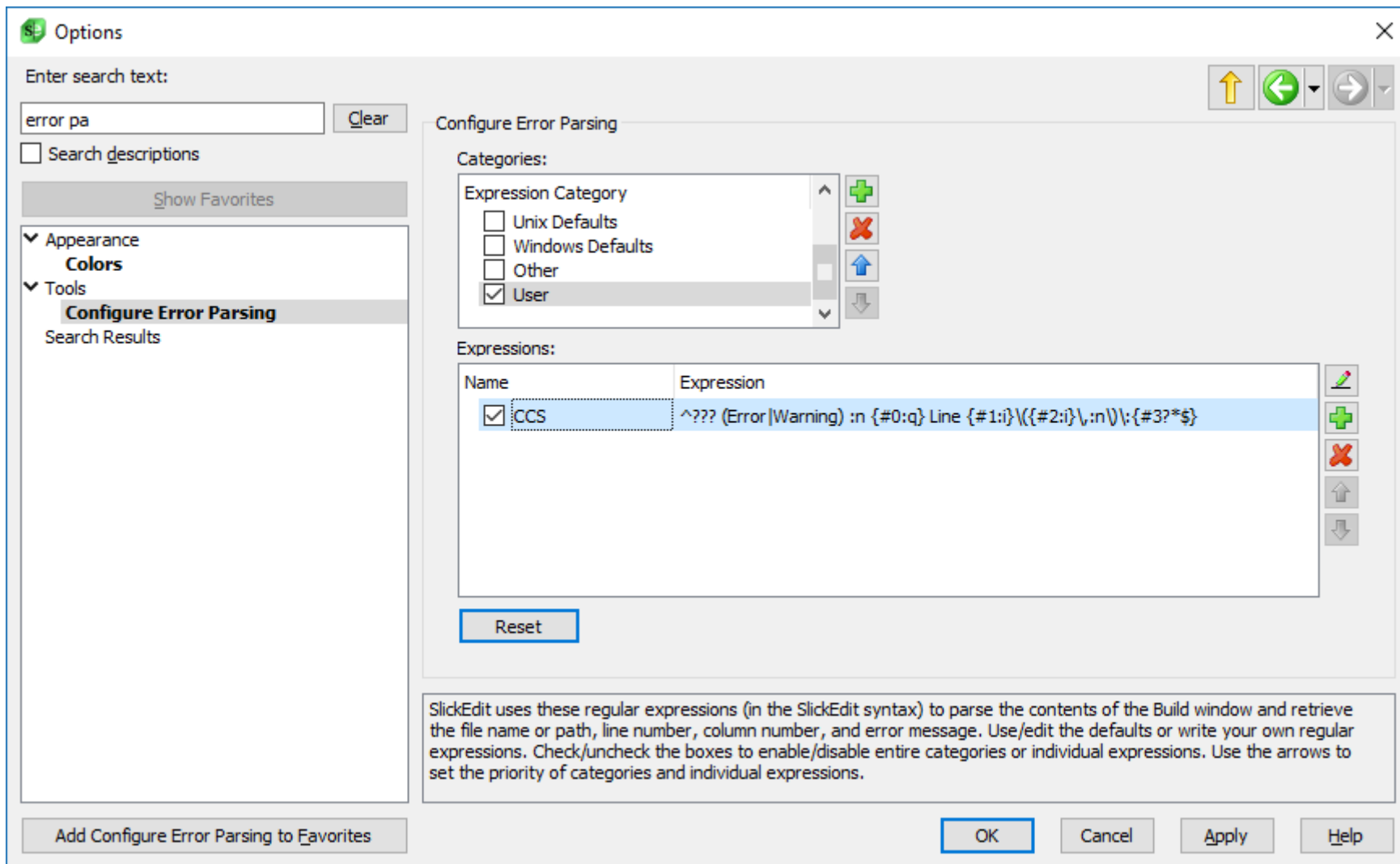
Where *filex.c* is the compilation unit source file

Errors and Warnings Parsing

This step should be done only once and not on every project creation. This configuration procedure enables SlickEdit to recognize and locate errors and warnings in source code right after compilation.

Tools → Options

Search for Configure Error Parsing



Locate the User category and add a new expression named CCS for example (might need to un-tick all others).

Edit CCS and add the following expression:

```
^??? (Error|Warning) :n {#0:q} Line {#1:i} \({#2:i} \, :n \) \: {#3?*}$
```

