

# How to create a project for writing modules to Mosel

Create a new project in Visual C++. Choose Win32 / Win 32 Project

Under Application Settings, choose DLL and Empty project

Go to Project / Project Properties (Alt + F7)

Under Configuration Properties

## Debugging

Command                   \$(XPRESSDIR)\bin\mosel.exe  
This is the path to Mosel

Command Arguments   -c "cl -g Model.mos; debug; reset; unload; system pause; "  
-c :                    Use the expression cl -g Model.mos; debug" as input to Mosel  
cl:                     Compile and load Model.mos  
-g:                     Include debug information when compiling  
debug:                 Run the model in debug mode  
reset:                 Reset the current model  
unload:                Unload one of the models in memory  
system pause:         Stop and wait when finished

Working Directory  
Where the model Mosel.mos is located

## C/C++

General  
Additional Include Directories: \$(XPRESSDIR)\include  
Debug Information Format:       Program Database (\Zi)

## Linker

General  
Output File:        Module1.dll  
The initialization function in the module must have the same name as the the output file

## Build Events

Post-Build Event: echo on  
                          copy \$(TargetPath) \$(XPRESSDIR)\dso\\$(TargetName).dso  
Copy Module1.dll to the dso directory and renames it Module1.dso