

VisualAPL for Visual Studio 2008

With a small amount of effort it may be possible to install VisualAPL into a non-US English version of Visual Studio 2008.

When a non-US English version of Visual Studio 2008 is installed the Visual Studio 2008 GUI (graphical user interface) uses the selected language. The C# and VisualAPL programming languages are based on US English, so source code developed using them is independent of the user-selected language and will always appear to be in US English.

1. Install the language-dependent version of Visual Studio 2008
2. Install VisualAPL using the installer which may be downloaded here: <http://forum.apl2000.com/viewtopic.php?t=427>
3. Close Visual Studio 2008
4. Use the Windows Explorer to copy the VisualAPL project templates from the US English subdirectory to the language-dependent subdirectory.

Before making these modifications it is recommended that a viable back-up be made of any important information on the computer.

If you did not use the default installation addresses for Visual Studio 2008 or there is language-specific variation in the installation addresses, the following example may have to be modified, e.g. 'Programme' instead of 'Program Files'.

The following example uses the German language-specific subdirectory '1031' as the target subdirectory. For other Microsoft-specified language values go to: <http://office.microsoft.com/en-us/help/HP052590231033.aspx>.

- (a) Copy the contents of the following subdirectory:

```
"...\Program Files\Microsoft Visual Studio  
9.0\Common7\IDE\ProjectTemplates\Cielo\ApINext\1033"
```

If VisualAPL was properly installed, this subdirectory should contain the files:

```
ApINextClass.zip  
ApINextEXE.zip  
ApINextSession.zip
```

To the subdirectory:

“...\Program Files\Microsoft Visual Studio
9.0\Common7\IDE\ProjectTemplates\Cielo\ApINext\1031”

If this subdirectory does not exist, you will need to create it.

- (b) Copy the contents of the following subdirectory:

“...\Program Files\Microsoft Visual Studio
9.0\Common7\IDE\ProjectTemplatesCache\Cielo\ApINext\1033”

If VisualAPL was properly installed, this subdirectory should contain the files:

ApINextClass.zip

ApINextEXE.zip

ApINextSession.zip

To the subdirectory:

“...\Program Files\Microsoft Visual Studio
9.0\Common7\IDE\ProjectTemplatesCache\Cielo\ApINext\1031”

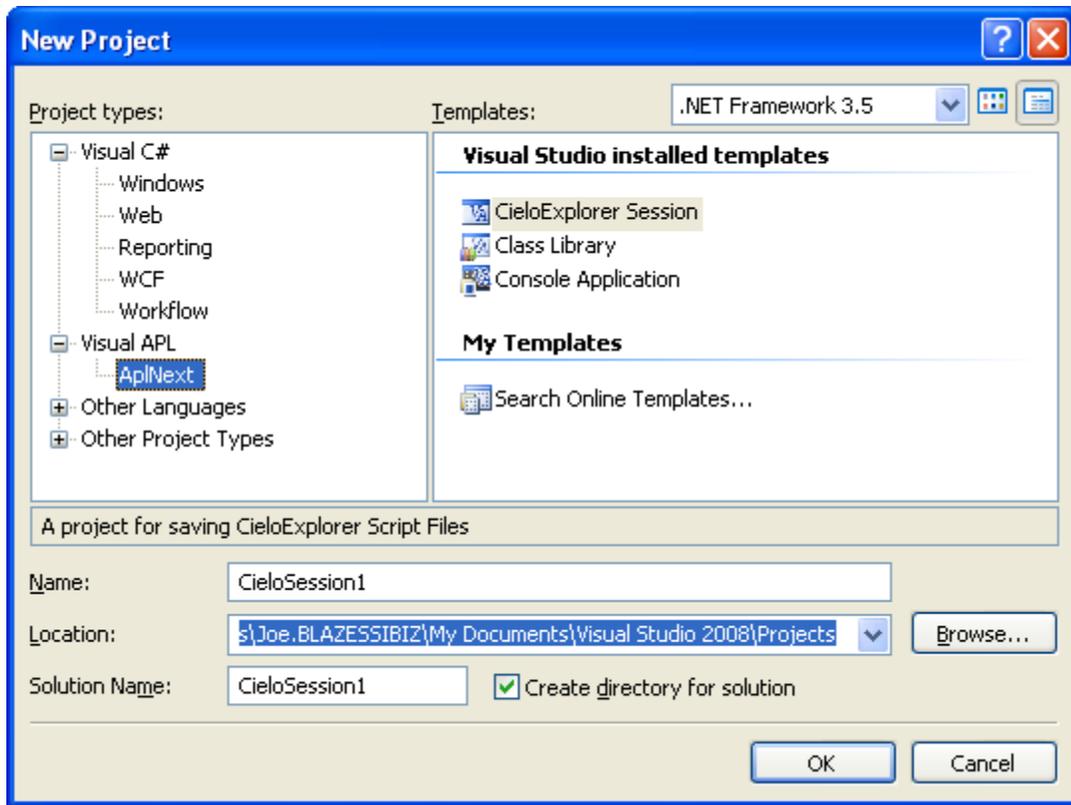
If this subdirectory does not exist, you will need to create it.

5. Induce Visual Studio 2008 to refresh the customizations made to it:
- (a) Close VS2008
 - (b) Go to Start > All Programs > Microsoft Visual Studio 2008 > Visual Studio Tools > Visual Studio 2008 Command Prompt.

For this task, do not use the Command Prompt which may be available from the Tools menu when Visual Studio 2008 is open.

Make sure to open the Visual Studio 2008 Command Prompt with a user account in the Administrator group.

- (c) In the Visual Studio 2008 Command Prompt window execute the command: "devenv /setup", which may take up to 10 minutes to complete.
 - (d) Close the Visual Studio 2008 Command Prompt and VS2008.
6. Open VS2008 and use the File > New > Project > VisualAPL > APLNext and create a VisualAPL project. The following dialog should be presented which includes the VisualAPL project template options.



7. It may be necessary to customize the APL-specific keyboard shortcuts for a language-specific keyboard layout. This topic is beyond the scope of this document. The default APL keyboard shortcuts for the current VisualAPL installer are the US English language APL keyboard shortcuts. A future version of the VisualAPL installer may provide additional language-specific APL keyboard options.
8. A future version of the VisualAPL installer may perform the language-specific installation tasks described above without requiring additional programmer intervention.