COAL LAB 01 - 30 Jan 2025

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Task 1: *Setting up Visual Studio for COAL*

Screenshot 1 — Solution Explorer context menu

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help

Debug   x86   Local Windows Debugger

Lab 1 - COAL

Solution Explorer

Build
Rebuild
Clean
View
Analyze and Code Cleanup
Project Only
Retarget Projects
Train IntelliCode Poirot Model
Scope to This
New Solution Explorer View
Show on Code Map
Profile Guided Optimization
Build Dependencies
Build Customizations...
Add
Class Wizard...   Ctrl+Shift+X
Manage NuGet Packages...
Set as Startup Project
Debug
Cut   Ctrl+X
Paste   Ctrl+V
Remove   Del
Rename   F2
Unload Project
Load Direct Dependencies of Project
Load Entire Dependency Tree of Project
Rescan Solution
Display Browsing Database Errors
Clear Browsing Database Errors
Open Folder in File Explorer
Open in Terminal
Properties   Alt+Enter

Ready   2:36 pm 30/01/2025

Screenshot 2 — Visual C++ Build Customization Files dialog

Visual C++ Build Customization Files

Available Build Customization Files:

Name	Path
ImageContentTask(.targets, .pr...	$(VCTargetsPath)\BuildCustomizations\ImageContentTask.targets
lc(.targets, .props)	$(VCTargetsPath)\BuildCustomizations\lc.targets
marmasm(.targets, .props)	$(VCTargetsPath)\BuildCustomizations\marmasm.targets
masm(.targets, .props)	$(VCTargetsPath)\BuildCustomizations\masm.targets
MeshContentTask(.targets, .pro...	$(VCTargetsPath)\BuildCustomizations\MeshContentTask.targets
ShaderGraphContentTask(.targe...	$(VCTargetsPath)\BuildCustomizations\ShaderGraphContentTask.ta

Find Existing...   Refresh List   OK   Cancel

Solution Explorer
Solution 'Lab 1 - COAL' (1 of 1 project)
Lab 1 - COAL
  References
  External Dependencies
  Header Files
  Resource Files
  Source Files

Solution Explorer   Git Changes

Properties
Lab 1 - COAL Project Properties
Misc
  (Name)   Lab 1 - COAL
  Project Dependencies
  Project File   C:\Users\k230074\source\repos\L
  Root Namespace   Lab1COAL

(Name)
Specifies the project name.

Ready   Add to Source Control   28°C Sunny 2:37 pm 30/01/2025

Screenshot 3 — Add submenu

Build
Rebuild
Clean
View
Analyze and Code Cleanup
Project Only
Retarget Projects
Train IntelliCode Poirot Model
Scope to This
New Solution Explorer View
Show on Code Map
Profile Guided Optimization
Build Dependencies
Add
  New Item...   Ctrl+Shift+A
  Existing Item...   Shift+Alt+A
  New Filter
  Reference...
  Connected Service
  Module...
  Class...
  Resource...
  New EditorConfig
Class Wizard...   Ctrl+Shift+X
Manage NuGet Packages...
Set as Startup Project
Debug
Cut   Ctrl+X
Paste   Ctrl+V
Remove   Del
Rename   F2
Unload Project
Load Direct Dependencies of Project
Load Entire Dependency Tree of Project
Rescan Solution
Display Browsing Database Errors
Clear Browsing Database Errors
Open Folder in File Explorer
Open in Terminal
Properties   Alt+Enter

Ready   28°C Sunny 2:37 pm 30/01/2025

```
include Irvine32.inc
.data
.code
main proc
mov eax,5
call writedac
exit
main endp
end main
```

```
include Irvine32.inc
.data
.code
main proc
mov eax,5
call writedec
exit
main endp
end main
```



```
include irvine32.inc
.data
.code
main proc
mov eax,5
call writedec
exit
main endp
end main
```

Microsoft Visual Studio Debug Console

```
5
C:\Users\k230074\source\repos\Lab 1 - COAL\Debug\Lab 1 - COAL.exe (process 20080) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the con
le when debugging stops.
Press any key to close this window . . .
```