cm3StartIDE.CMD Documentation

(last updated 10/29/2009 by RCC)

Purpose:

This Windows batch/command launches the browser-based IDE for **cm3**, namely **cm3IDE** or **Reactor**. It calls upon the services of **cm3CommandShell.CMD** to set up the environment before launching the IDE.

Author / Distribution Rights:

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Author grants **free** use/modification/distribution of this batch/command file to anyone.
Author does not warrant this batch/command file. Use at your own risk.

I can't promise to maintain this software, but if you have a problem or suggestion, you are welcome to send me an email at rcoleburn@mindspring.com
I will try to respond in a timely manner.

Caveats:

You must be running Windows 2000, Windows XP, or Windows Vista with command extensions enabled; otherwise, this command file will fail.

Installation / Setup:

Store this command file in the **bin** directory of your cm3 installation. Place a shortcut to this command file on your desktop. Now, when you invoke this shortcut, the IDE will be launched in a new window. You can also call this command file from a command prompt window.

Dependencies:

The **cm3CommandShell.CMD** and **cm3StartIDE.CMD** command files and **cm3.exe** must be in the **bin** directory of your cm3 installation. They are used by this command file.

Environment Variable Usage:

The following environment variables are setup automatically by the **cm3CommandShell.CMD** file:

CM3_ROOT is the root of the CM3 installation, typically "**C:\cm3**"
CM3_BIN is where the CM3 binaries are kept, typically "**C:\cm3\bin**"
CM3_PKG is the location of the public package repository, typically "**C:\cm3\pkg**"
CM3_IDE is name of the IDE executable, e.g., **cm3IDE,** or **Reactor**.
CM3_IDE_EXE is path of the IDE executable file.
CM3_IDE_HOME is where cm3IDE looks for the user's home folder
REACTOR_HOME is where Reactor looks for the user's home folder.

_cm3_CommandReady indicates if this command file completed successfully (**TRUE**, **FALSE**).

Unless overriden by command line options, the defaults are:

CM3_ROOT = *%CM3_ROOT%*, if defined; otherwise, *%SystemDrive%\cm3*
CM3_BIN = *%CM3_ROOT%\bin*
CM3_PKG = *%CM3_ROOT%\pkg*
CM3_IDE = *cm3IDE*
CM3_IDE_EXE = *%CM3_ROOT%\bin\cm3ide.exe*
CM3_IDE_HOME = *%UserProfile%\My Documents\CM3_IDE_HOME*

Microsoft Visual C Setup=*"C:\Program Files\Microsoft Visual Studio 9.0\VC\vcvarsall.bat" x86*

A number of environment variables are used internally and are considered temporary. The names of all such variables are prefixed by "**_cm3_**".

The following environment variables define the default locations. You can edit these in the section of the command file labeled "DEFAULTS" to change the defaults.

_cm3_VCSetup : Set to absolute path of BAT/CMD that sets up Microsoft Visual Studio/C/C++. Set to empty to disable calling this auto setup routine. (Example: set _cm3_VCSetup="C:\Program Files\Microsoft Visual Studio 9.0\VC\vcvarsall.bat" x86)

_cm3_SDKSetup : Set to absolute command line for establishing the Microsoft Platform SDK environment settings. Set it to empty to disable calling this routine. (Example: set _cm3_SDKSetup="C:\Program Files\Microsoft Platform SDK for Windows Server 2003 R2\SetEnv.CMD" /XP32 /RETAIL)

User Help:

Basic Usage:

cm3StartIDE