

# cm3StartIDE.CMD Documentation

(last updated 01/20/2008 by RCC)

## Purpose:

This Windows batch/command launches the browser-based IDE for **cm3**, namely **Reactor** or **CM3IDE**. If necessary, it first calls upon the services of **cm3StartIDE.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](mailto:rcoleburn@mindspring.com)

I will try to respond in a timely manner.

## Caveats:

You must be running WindowsNT4SP6, Windows2000, or Windows XP 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 **CM3SetupCmdEnv.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 five environment variables are setup automatically by the **CM3SetupCmdEnv.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\_EXE** is name of the IDE executable, e.g., **Reactor**, **CM3IDE**

**CM3\_DoneSetup** indicates if this command file completed successfully.

**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.

The following environment variables are used internally and are considered temporary:

**CM3Setup\_RP**

**CM3Setup\_HP**

**CM3Setup\_IDE**

**CM3Setup\_ExitCode**

**CM3Setup\_SavePrompt**

**CM3\_IDE\_SavePrompt**

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

**CM3\_IDE\_DefaultInstallRoot**

## User Help:

### Basic Usage:

cm3StartIDE [Help | Remarks | [Root [path]] [Home  
[path]] [IDE exeName]]

### **Optional Command Line Arguments:**

<b>HELP</b>	Display this summary of helpful information. <b>HELP</b> cannot be combined with other arguments.
<b>REMARKS</b>	Display useful remarks located at the beginning of this command file. <b>REMARKS</b> cannot be combined with other arguments.
<b>ROOT path</b>	The optional " <b>ROOT</b> " argument indicates you want to specify the cm3 installation root. The " <b>path</b> " argument also is optional, but if given, should be the path to the cm3 installation root. If the " <b>path</b> " argument is omitted, a default will be used (typically <b>C:\cm3</b> ). The " <b>ROOT path</b> " option is useful if you have multiple cm3 installation roots (e.g., different versions) and you want to switch between them, or if your installation is not in the default location.
<b>IDE exeName</b>	The optional " <b>IDE</b> " argument indicates you want to specify which IDE should be set as the primary one to launch via subsequent calls to cm3StartIDE. The " <b>exeName</b> " argument is required and should specify the name of the executable program minus the .exe extension, e.g., "reactor", "cm3ide". This program must exist in the bin folder of the cm3 installation root. If no IDE argument is given, the default action is to search for one in the <b>%CM3_BIN%</b> folder.
<b>HOME path</b>	The optional " <b>HOME</b> " argument indicates you want to specify the location of the IDE's (e.g., Reactor, CM3IDE) home folder for this user. The " <b>path</b> " argument also is optional, but if given, should be the path to the home folder. If the " <b>path</b> " argument is omitted, a default will be used, typically <b>"%USERPROFILE%\My Documents\ReactorHome"</b> or <b>"%USERPROFILE%\My Documents\CM3_IDE_Home"</b> .

All keyword arguments are case-insensitive.

### **Examples:**

cm3StartIDE

cm3StartIDE HELP

cm3StartIDE ROOT path

cm3StartIDE REMARKS

cm3StartIDE ROOT

cm3StartIDE ROOT path HOME path  
cm3StartIDE HOME path  
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