CFX-5 Launcher

Installation & Introduction to CFX-5
CFX-5 Launcher

**Master
Contents**

**Master
Index**

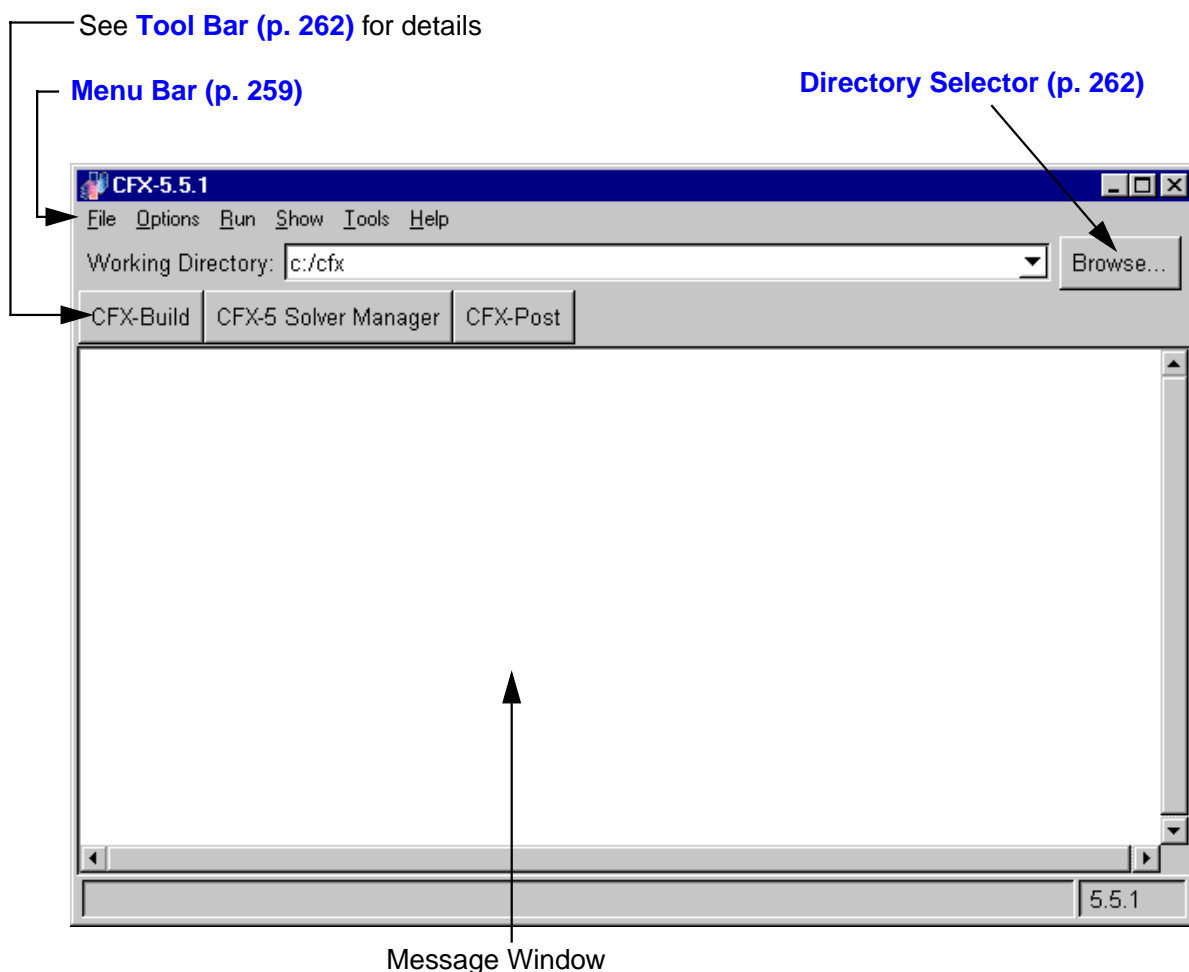**Help On
Help**

Retrace

Introduction

The CFX-5 Launcher is provided to make it easy to run all the modules of CFX-5 without having to use a command line. The launcher provides the following functionality:

- Setting up the working directory, and running CFX-Build, the CFX-5 Solver Manager and CFX-Post.

- Access to license management tools.

- Access to various tools, including a command window which allows you to run other utilities such as cfx5help -pdf.

- Access to the on-line help and other useful information.

General information

A diagram of the layout of the launcher is shown below.

See **Tool Bar (p. 262)** for details

Menu Bar (p. 259)

Directory Selector (p. 262)

Message Window

It consists of only one window, with a Menu Bar at the top and a row of four Applications buttons across the middle. Between the menu bar and Applications Buttons, there is a Directory Selector in which a working directory can be selected. Beneath the Applications Buttons is the Message Window where messages from the CFX-5 software can be displayed.

The Menu Bar allows access to the following functionality:

File Menu (p. 259)   Allows you to save the contents of the message window, clear the message window, and close the launcher.

Installation & Introduction to CFX-5
CFX-5 Launcher

**Master
Contents**

**Master
Index**

**Help On
Help**

Retrace

Starting the CFX-5 Launcher

You can run the launcher in any of the following ways:

- Type cfx5 in the terminal window (UNIX only).

- Double-click on the CFX-5 icon on the Desktop (Windows only).

- From the Start menu, go to **Programs>CFX>CFX-5.5.1** (Windows only).

- In a DOS window which has its path set up correctly to run CFX-5, type cfx5 (otherwise, you will need to type the full pathname of the cfx5 command) (Windows only).

Installation & Introduction to CFX-5
CFX-5 Launcher

**Master
Contents**

**Master
Index**

**Help On
Help**

Retrace

Menu Bar

At the top of the launcher there is a menu bar containing a number of pull-down menus as described below.

File Menu

Clear

This option will clear the Message Window.

Save As...

Choosing this option will allow you to save the contents of the Message Window to a file.

Exit

Choosing this item will shut down the launcher. Any programs launched will continue to run.

Options Menu

Release ->

This will bring up a sub-menu listing all available releases, allowing you to choose which release to run if more than one release is installed.

Run Menu

CFX-Build

Choosing this option will run CFX-Build, with the working directory as specified in the **Directory Selector (p. 262)**.

CFX-5 Solver Manager

Choosing this option will run CFX-5 Solver Manager, with the working directory as specified in the **Directory Selector (p. 262)**.

CFX-Post

Choosing this option will run CFX-Post, in the current working directory, as specified in the **Directory Selector (p. 262)**.

Show Menu

Installation

This will show information about what versions of CFX-5 are installed and are being used.

All

Choosing this option will display all of the available information, including information about your system, installation and variables.

System

Choosing this option will display information about the CFX-5 installation and the system on which it is being run.

Variables

Choosing this option will display the values of all the environment parameters that are used in CFX-5 in the Message Window.

Patches

Choosing this option will display the output from the command `cfx5info -patches`. This provides information on patches that have been installed after the initial installation of CFX-5.

Acknowledgements

This will display a list of acknowledgements.

Terms

This will display the terms and conditions under which CFX-5 is provided.

Tools Menu

Licensing

Choosing this item will start the CFX License Manager. More information on this can be found in **The CFX License Manager Overview (p. 114 in Installing & Introduction to CFX-5)**.

Command line

Choosing this option will start a command window from which you can run any of the CFX-5 commands via the command line interface. The command line will be correctly set to pick up the correct version of CFX-5 (as set using **Options>Release**) and the commands will be run the current working directory.

On Windows, if you do not use the **Tools>Command Line** option to open a command window, then you will have to either type the full path of the CFX-5 commands every time you use them, or explicitly set your path to include the **<CFXROOT>**/bin directory.

You may want to start components of CFX-5 from the command line rather than by clicking the appropriate button on the CFX-5 Launcher for the following reasons:

- CFX-5 contains some utilities (e.g. the CFX-5 Parameters Editor) which can only be run from the command line.

- You may wish to specify certain "command line arguments" when starting up a component so that it starts up in a particular configuration. More details are given in **CFX-5 Commands (p. 161 in Installing & Introduction to CFX-5)**.

- If you are having problems with a component, you may be able to get a more detailed error message by starting the component from the command line than you would get if you started the component from the CFX-5 Launcher. If you start a component from the command line, any error messages produced are written to the command line window.

Help Menu

The Help menu is described in **Accessing On-Line Help (p. 267 in Installation & Introduction to CFX-5)**.

Other Functionality

Directory Selector

When running the CFX-5 software, all the files created will be stored in the "working directory". If you run the software from the command line, then the working directory is just the directory that was current when you started the software. However, if you start the software by (for example) double-clicking on the CFX-5 icon on the Desktop, you will need to explicitly set the working directory. This can be done in the CFX-5 Launcher main window, using the **Working Directory** box.

To specify the directory, you can do any of the following:

- Type the directory name into the box.

- Click on the down-arrow icon next to the directory name. This will bring up a list of the ten most-recently used directories from which you can choose.

- Click on the **Browse...** button to bring up a file browser to select the directory that you want.

Important: CFX-Build requires that directory names not contain spaces. For example, `/FluidDuct/` or `/Fluid_Duct/` should be used as directory name replacements for `/Fluid Duct/`

Tool Bar

The Tool Bar contains short-cuts to the main components of CFX-5: CFX-Build, the CFX-5 Solver Manager and CFX-Post.

Pressing any of the buttons will start up the component in the directory shown in Working Directory box. The release that is specified under **Options>Release** will be used.