

3DEXPERIENCE

CAD Instructor Guide

Lesson 1

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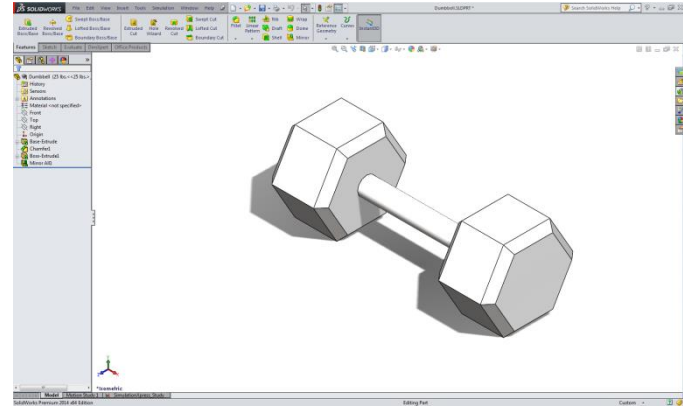
Using the Interface

The interface is how you interact with the computer in the following ways:

- ▶ Use windows to view files.
- ▶ Use the mouse to select buttons, menus, and model elements.
- ▶ Run programs — like SolidWorks mechanical design software.
- ▶ Find, open, and work with files.
- ▶ Create, save, and copy files.

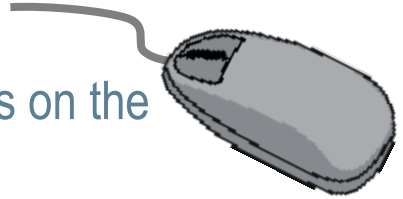
Microsoft® Windows®

- ▶ SolidWorks runs on the Microsoft Windows graphical user interface.
- ▶ Windows let you see the work of an application program.
- ▶ Panels are sub sections of windows.
- ▶ Illustration shows one window with two panels.



Using the Mouse

- ▶ The mouse lets you move around the interface.
- ▶ The cursor is the pointer that shows you where the mouse is on the screen.
- ▶ Click the left mouse button to select commands, buttons, geometry, and other elements.
- ▶ Double-click the left mouse button to quickly open a file or folder.
- ▶ Click the right mouse button to access a shortcut menu of frequently used commands.



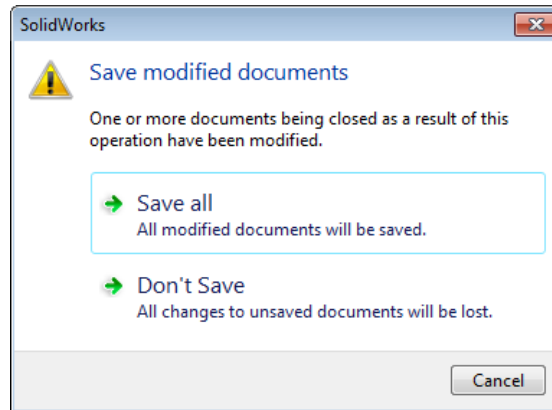
Running Programs

- ▶ The quickest way to start a program is to double-click on a desktop shortcut.
- ▶ Some programs may not have desktop shortcuts.
- ▶ The Programs menu lists all of the application programs resident on the computer.



Exit a Program


- ▶ Select or click File, Exit to end a program.
- ▶ If the file has unsaved changes, you have the chance to save the them before exiting.








Opening a File

- ▶ The quickest way to open a file is to double-click on it.
- ▶ The File menu displays your most recently used files.

Saving and Copying Files

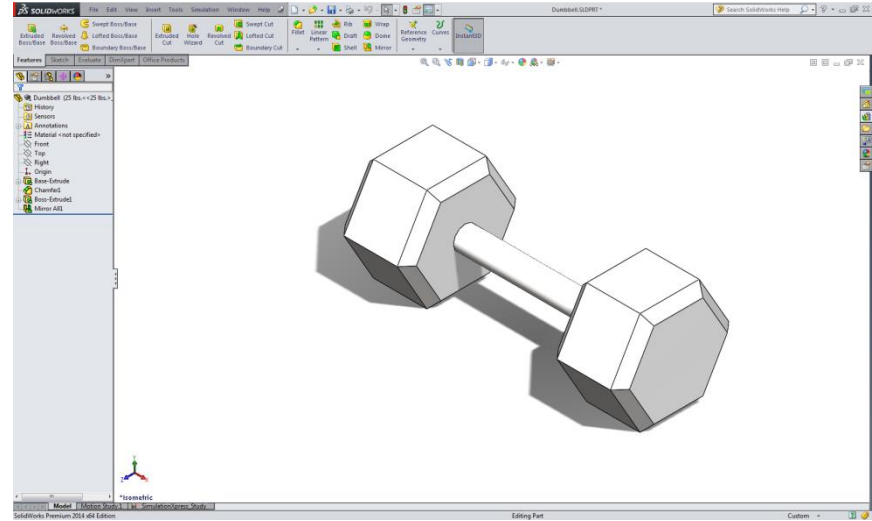
- ▶ Saving a file preserves the changes  that you have made to it.
- ▶ Use File, Save As to copy a file.
- ▶ File, Save As creates an exact duplicate of the file as it existed at the moment that you copied it.

Resizing Windows

- ▶ Allows you to customize the appearance of your screen.
- ▶ View multiple files at the same time.
- ▶ Use    to change the size of a window.
- ▶ Use   to change the size of panels within a window.

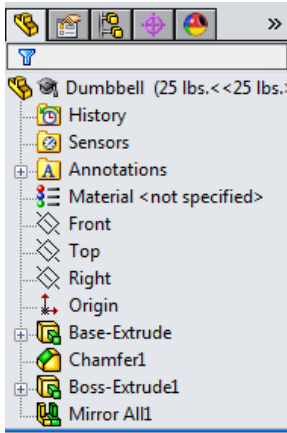
Using the SolidWorks Interface

- ▶ SolidWorks windows display graphic and non-graphic model data.
- ▶ CommandManager tabs display frequently used commands.

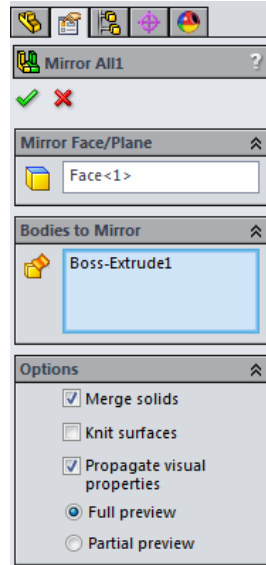


Left Side of SolidWorks Window

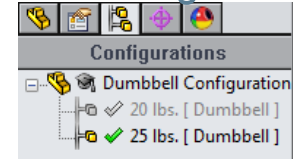
► FeatureManager® design tree



► Property Manager



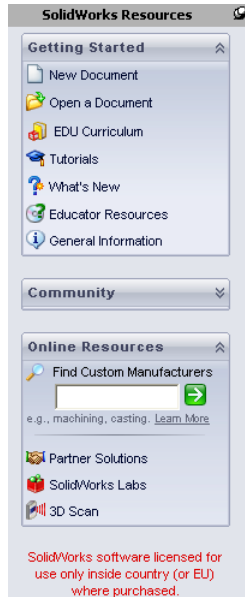
► Configuration Manager



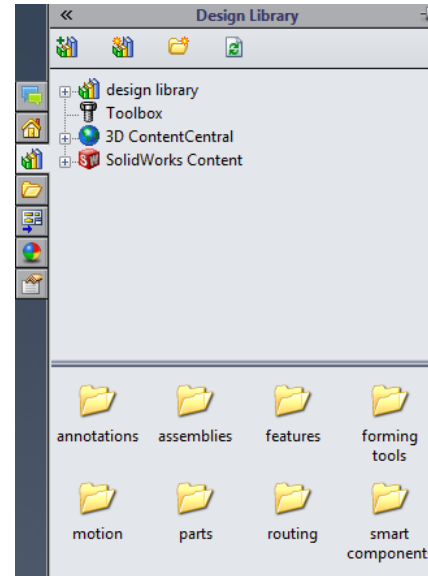
Right Side of SolidWorks Window

The Task Pane

► SolidWorks Resources



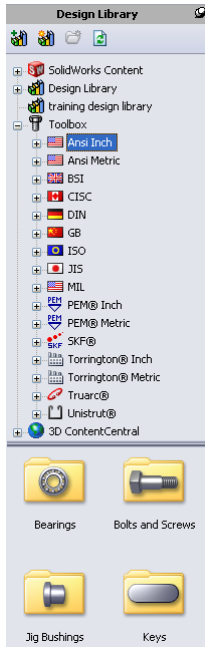
► Design Library



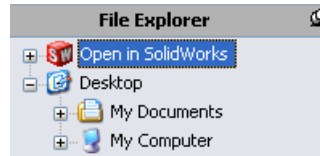
Right Side of SolidWorks Window

The Task Pane

► Toolbox

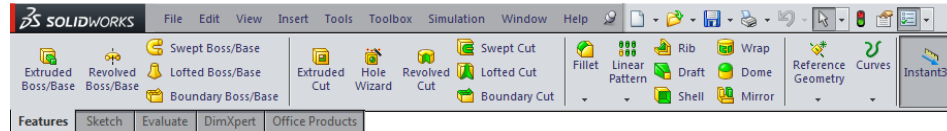


► File Explorer




CommandManager

- ▶ CommandManager tabs include buttons for frequently used commands.
- ▶ The visible tabs change based on the open document type: part, assembly, or drawing.
- ▶ The CommandManager is displayed at the top of the window.



Getting Help

To view comprehensive online help:

- ▶ Click  .
- ▶ Select Help, SolidWorks Help.
- ▶ Help displays in a separate window.

