

IGES Import for SketchUp Help

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IGES Import for SketchUp Help

Welcome to *IGES Import for SketchUp* Help!

This help file provides all the information you need to understand and use *IGES Import for SketchUp*. Click the links below or use the Contents tab on the left to browse help topics. You can also scroll the topics on the above right hand pane.

The *IGES Import for SketchUp* help file is divided into the following sections:

- [Introduction](#) - Introduction to *IGES Import for SketchUp*.
- [Command Reference](#) - Quick reference of all the commands added by *IGES Import for SketchUp*.
- [Tutorial](#) - Tutorial to get you started in the shortest possible time.

If you need any additional information please [contact](#) SYCODE.

Note:

- Please refer to the section "Loading Instructions" in the [ReadMe](#) file to load *IGES Import for SketchUp* plug-in file into the SketchUp environment.
- Please read the [License Agreement](#) before using the software.

Introduction

IGES Import for SketchUp is a plug-in for Google SketchUp®. This plug-in gives SketchUp the ability to import solid objects from IGES files.

IGES files contain graphical data in the form widely accepted by most CAD/CAM systems. *IGES Import for SketchUp* converts this geometric data into corresponding SketchUp entities and adds them to the contents of the currently opened SketchUp drawing. Solids and surfaces in an IGES file are tessellated and imported into SketchUp as mesh objects.

IGES Import for SketchUp is very easy to use. Once installed, it automatically loads itself into SketchUp and adds a new submenu called "IGES Import for SketchUp" to the SketchUp Plugins menu.

IGES Import for SketchUp comes with detailed documentation as well as a [tutorial](#) to get you started in the shortest possible time.

If you need any additional information please [contact](#) SYCODE.

The IGES File Format

The Initial Graphics Exchange Specification (IGES) file format standard was developed to address the incompatibility issue with various CAD/CAM systems. This standard allows efficient and accurate exchange of product definition data across almost all CAD/CAM systems. An IGES file is composed of 80-character ASCII records, a record length derived from the punch card era. Text strings are represented in "Hollerith" format, the number of characters in the string, followed by the letter "H", followed by the text string, e.g., "4HSL0T".

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ReadMe

This is the *IGES Import for SketchUp* ReadMe file.

IGES Import for SketchUp is a plug-in for Google SketchUp

Installation:

=====

The plug-in installation involves copying the plug-in file "IGESImport.dll" into SketchUp's plug-ins folder typically called "Plugins". The installer automatically does that for you so that the IGES Import for SketchUp is loaded automatically the next time you run SketchUp. For some reason, if the installer was unable to locate the SketchUp installation folder, it will prompt you to specify the folder during the installation process.

Usage:

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IGES Import for SketchUp adds new commands to SketchUp. It also adds a new menu to SketchUp called "IGESImport" under SketchUp's "Plugins" menu containing these new commands. Simply click on the menu items in the "IGESImport" menu to run these new commands.

The new commands are:

- 1) Import - Import an IGES file
- 2) Help - Display the IGES Import for SketchUp help file
- 3) Register - Register your copy of IGES Import for SketchUp
- 4) About - Display the IGES Import for SketchUp about box

Sample files are copied into the Samples folder (typically "C:\Program Files\SYCODE\IGES Import for SketchUp\Samples"). You can use these sample files to try IGES Import for SketchUp.

Support:

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For support, please E-Mail support@sycode.com

Contact

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Phone	+91 9822689298
Fax	+91 832 2416615
E-Mail	info@sycode.com
Web Site	http://www.sycode.com

Command Reference

IGES Import for SketchUp adds new commands to SketchUp. It also adds a submenu to the SketchUp menu called "IGES Import for SketchUp" containing these new commands. Simply click on the menu items in this submenu to run these new commands.

Import	Imports a IGES file
Help	Displays the <i>IGES Import for SketchUp</i> help file
Register	Registers your copy of <i>IGES Import for SketchUp</i>
About	Displays the <i>IGES Import for SketchUp</i> about box

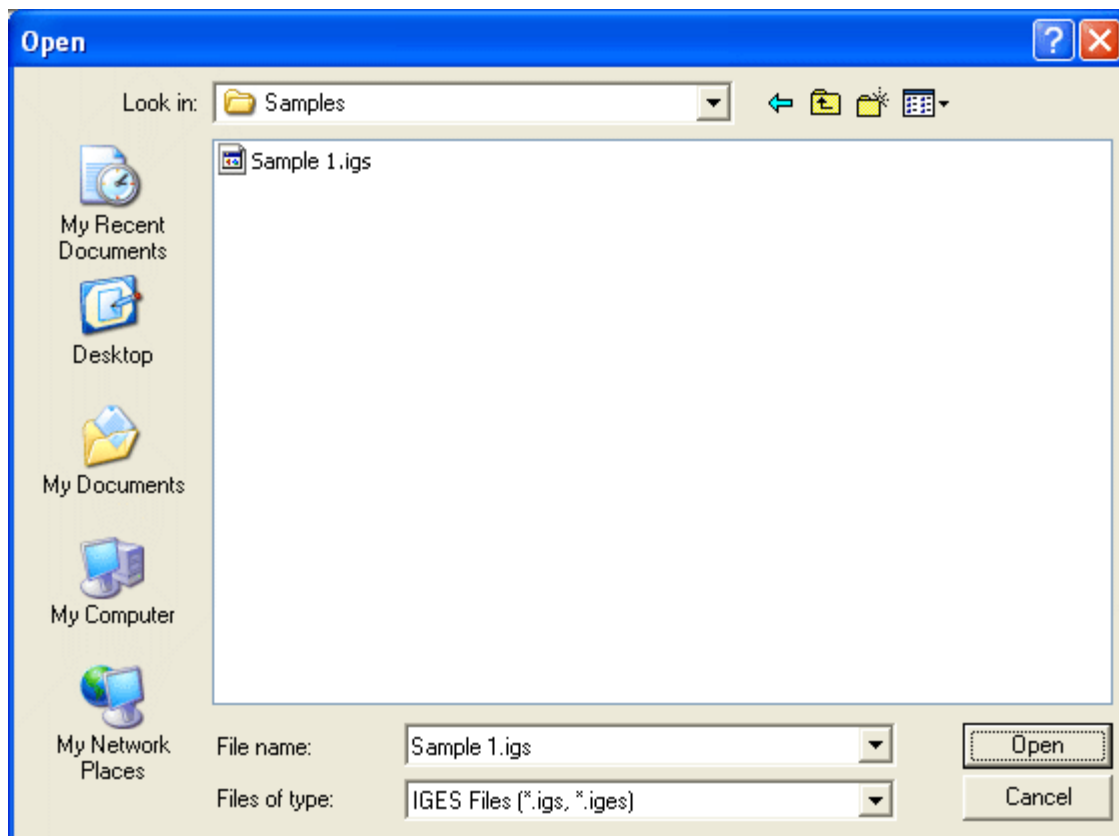
Import

Menu Button Plugins > IGES Import for SketchUp > Import

This command imports IGES files.

To import a IGES file

1. Select *Import* from the "IGES Import for SketchUp" submenu.
2. The SketchUp "Open" dialog box is displayed. Select the IGES file you wish to import and click *Open*.



Help

Menu Button Plugins > IGES Import for SketchUp > Help

This command displays the help file. The [Welcome](#) page is a good place to start.

Register

Menu Button Plugins > IGES Import for SketchUp > Register

This command is used to register your copy of *IGES Import for SketchUp*

The dialog box contains the product name (including version) and lock number. During the trial period this dialog box will be displayed every time you run the command. You can click the "Continue Trial " button to close the dialog box and continue evaluating the software. After the trial period ends, you will have to enter the key to continue working.

The Product Registration dialog box is shown below.



Note:

- To avoid disruption in your work-flow we urge you to place your order before the trial period ends.

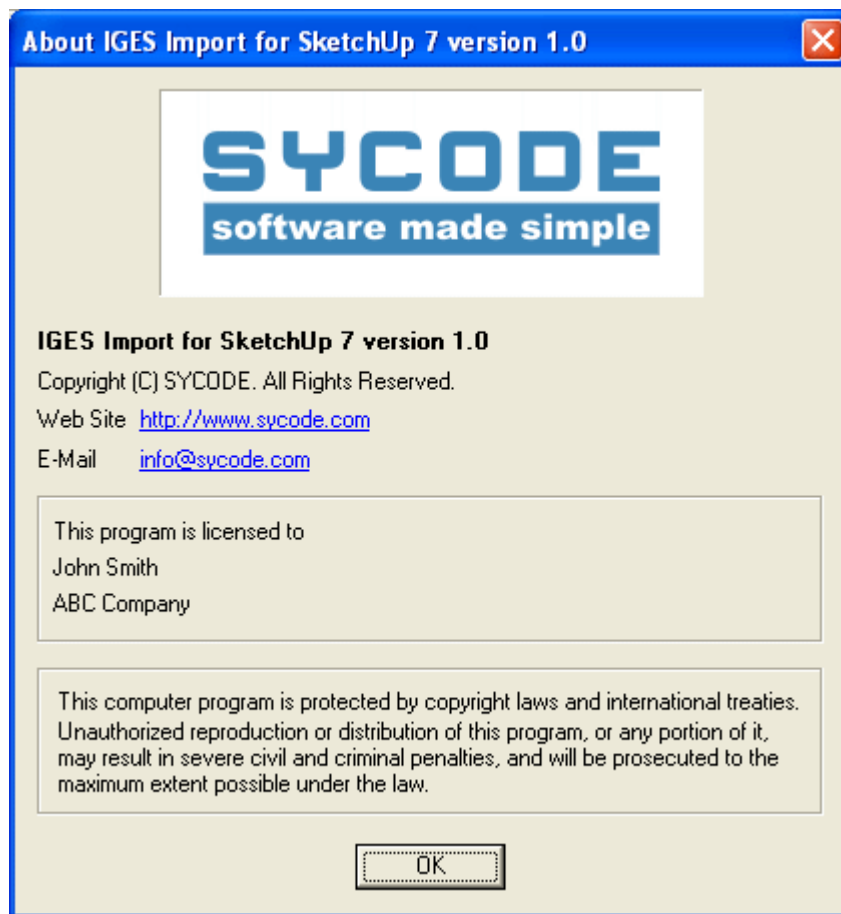
About

Menu Button

Plugins > IGES Import for SketchUp > About

This command displays the *IGES Import for SketchUp* About box. The About box lists the software version and name of the person and company the software is licensed to.

The software version has three parts: major version, minor version and build number (in the form #.#.#). In the About box shown below the version is 1.0, which translates as major version = 1, minor version = 0. There is no build number.



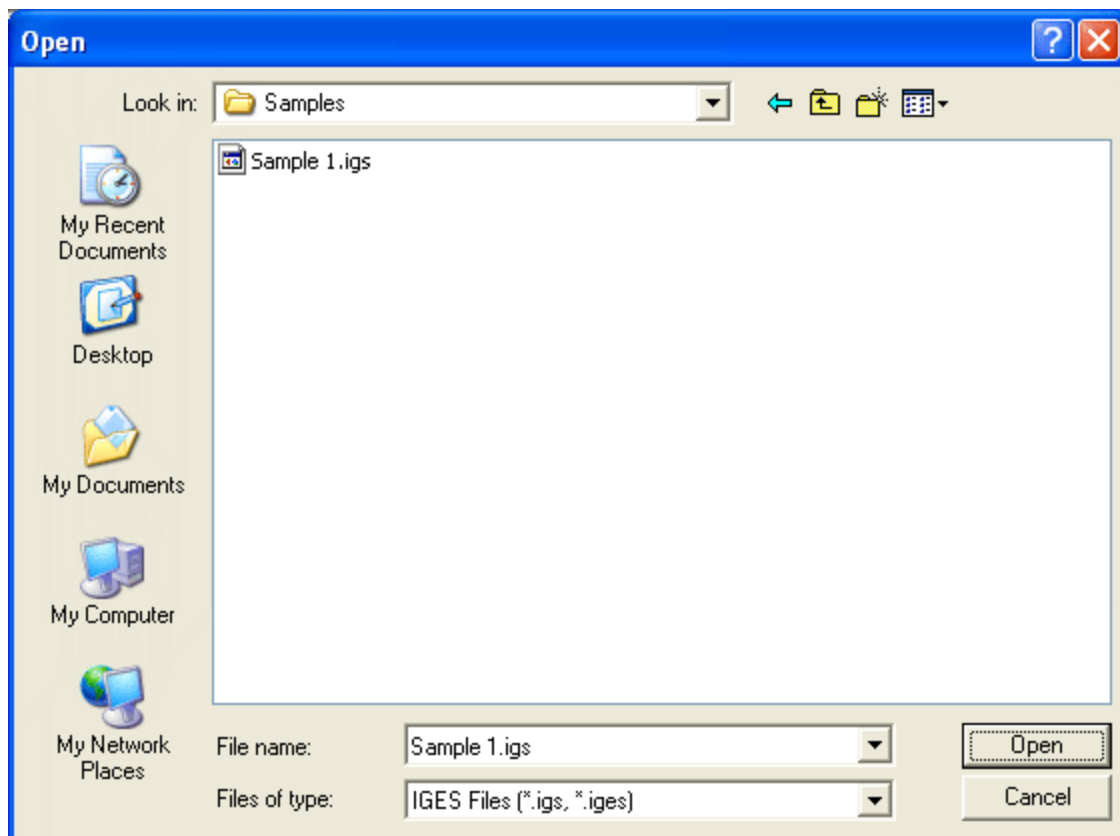
Tutorial

This tutorial provides the necessary information and hands-on experience to help you get started with *IGES Import for SketchUp*.

Step 1: Start SketchUp.

Step 2: Run the *Import* command (Plugins >> IGES Import for SketchUp >> Import).

Step 3: The SketchUp "Open" dialog box is displayed. Select C:\Program Files\SYCODE\IGES Import for SketchUp\Samples\Sample 1.igs.



The figure below shows the final result.

