

3DM Export for KeyCreator Help

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3DM Export for KeyCreator Help

Welcome to *3DM Export for KeyCreator* Help!

This help file provides all the information you need to understand and use *3DM Export for KeyCreator*. 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 *3DM Export for KeyCreator* help file is divided into the following sections:

- [Introduction](#) - Introduction to *3DM Export for KeyCreator*.
- [Command Reference](#) - Quick reference of all the commands added by *3DM Export for KeyCreator*.
- [Tutorial](#) - Tutorial to get you started in the shortest possible time.

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

Note:

- If you have trouble loading the *3DM Export for KeyCreator* add-in file into the KeyCreator environment, please refer to the [ReadMe](#) file.
- Please read the [License Agreement](#) before using the software.

Introduction

3DM Export for KeyCreator is a Rhinoceros 3DM file export add-in for KeyCreator. This add-in gives KeyCreator the ability to export 3D solid and surface data from a KeyCreator part or assembly document to 3D polygon meshes in a 3DM file.

3DM Export for KeyCreator tessellates solid bodies in a KeyCreator document into a set of triangular meshes. These meshes are then exported to a 3DM file as mesh objects. The 3DM file can then be imported into a variety of CAD applications.

3DM Export for KeyCreator is designed to be extremely user friendly and easy to understand. Once installed, it must be loaded into the KeyCreator environment. To load the add-in follow the simple instructions in the [ReadMe](#) file. Once loaded it adds new commands to KeyCreator. It also adds a new submenu called "3DM Export for KeyCreator" to the KeyCreator's "Add-Ins" menu containing these commands.

3DM Export for KeyCreator 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 3DM File Format

The 3DM (3D Model) file format is the native file format of Rhinoceros, the NURBS modeling software from Robert McNeel & Associates. The OpenNURBS Initiative was founded by Robert McNeel & Associates in January 2000, with the sole purpose of providing CAD, CAM, CAE and computer graphics software users reliable methods for transferring 3D geometry between applications via the 3DM file format. TerrainCAD, our terrain generation, editing and modeling software, also uses the 3DM file format as its native file format.

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ReadMe

This is a *3DM Export for KeyCreator* ReadMe file.

Thank you for installing 3DM Export for KeyCreator.

Please read this ReadMe document carefully and completely. It contains important information which is vital to the proper working of 3DM Export for KeyCreator.

Loading Instructions:

=====

Since 3DM Export for KeyCreator is an add-in for KeyCreator, it has to be loaded into the KeyCreator environment before it can be used. Loading is a one-time process. 3DM Export for KeyCreator will automatically load itself into KeyCreator the next time you run KeyCreator.

The 3DM Export for KeyCreator add-in file is installed into the 3DM Export for KeyCreator installation folder (typically C:\Program Files\SYCODE\3DM Export for KeyCreator\). The add-in file has an extension of ".cde".

The list of add-in files along with the version of KeyCreator is shown below. Please be sure to use the add-in file that corresponds to your version of KeyCreator.

3DMExport_VC80.cde -> KeyCreator 8.x

3DMExport_VC90.cde -> KeyCreator 9.x

To load 3DM Export for KeyCreator into KeyCreator please follow the steps listed below:

- (1) Invoke the KeyCreator Options dialog box (Click Tools -> Options).
- (2) Click the "Startup" item in the tree on the left
- (3) Click the "New" button in the section "Automatically Loaded CDE(s)" on the right. A new blank entry will be created.
- (4) Click the browse button on the new entry and browse for the CDE file (typically found in C:\Program Files\SYCODE\3DM Export for KeyCreator\).
- (5) Click "OK" to close the Options dialog box.
- (6) Restart KeyCreator.

When KeyCreator restarts 3DM Export for KeyCreator will be automatically loaded at startup.

Usage:

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3DM Export for KeyCreator adds new commands to KeyCreator. The commands added are:

- 1) Export - Exports a 3DM file
- 2) Help - Displays the 3DM Export for KeyCreator help file
- 3) Register - Registers your copy of 3DM Export for KeyCreator
- 4) About - Displays the 3DM Export for KeyCreator about box

Sample Files:

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Sample files are copied into the Samples folder which is located in the 3DM Export for KeyCreator installation folder (typically "C:\Program Files\SYCODE\3DM Export for KeyCreator\"). You can try 3DM Export for KeyCreator using these sample files.

Support:

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

Contact

Mailing address	S1/116, Nova Cidade Complex, NH 17, Alto Porvorim, Goa - 403521 India
Phone	+91 9822689298
Fax	+91 832 2416615
E-Mail	info@sycode.com
Web Site	http://www.sycode.com

Command Reference

3DM Export for KeyCreator adds new commands to KeyCreator and a submenu called "3DM Export for KeyCreator" which houses them.

The new commands are:

Export	Exports a 3DM file
Help	Displays the <i>3DM Export for KeyCreator</i> help file
Register	Displays the <i>3DM Export for KeyCreator</i> product registration dialog box
About	Displays the <i>3DM Export for KeyCreator</i> about box

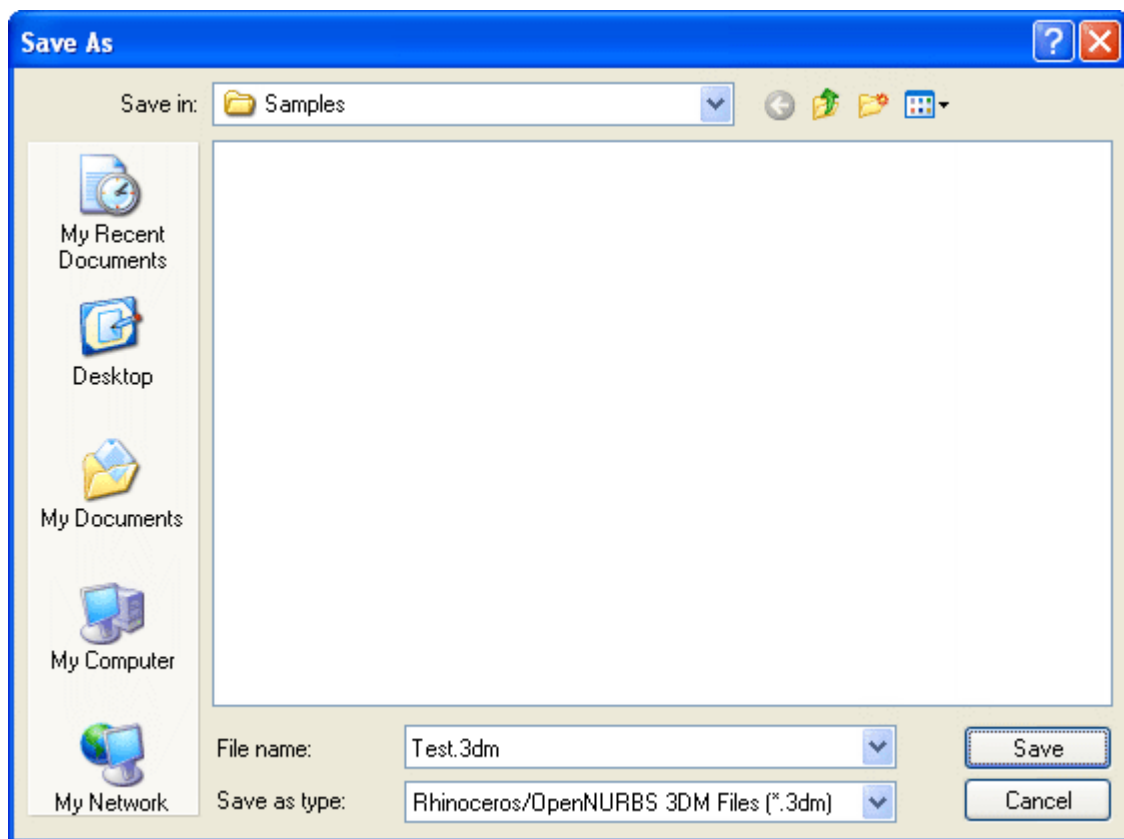
Export

Menu Button Add-Ins > 3DM Export for KeyCreator > 3DM Export > Export

This command exports to a 3DM file.

To export a 3DM file

1. Select *Export* from the "Add-Ins > 3DM Export for KeyCreator > 3DM Export" submenu.
2. Select the objects that you wish to export. Press *Enter* when done.



3. The "3DM Export Options" dialog box is displayed. Select the 3DM version and click *OK*.

Help

Menu Button Add-Ins > 3DM Export for KeyCreator > 3DM Export > Help

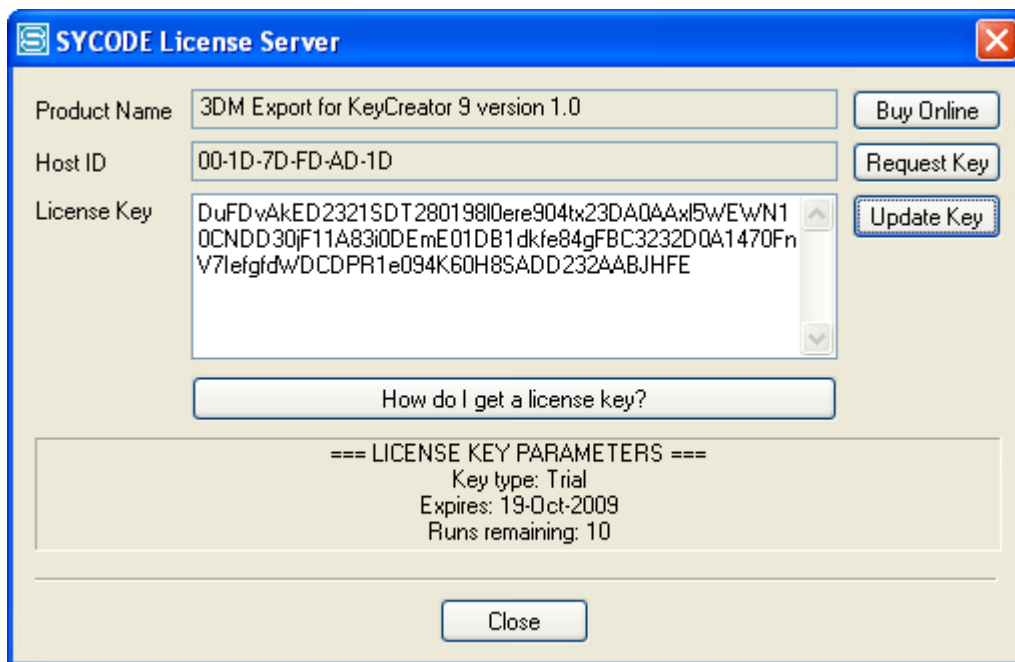
This command displays the help file. The [Welcome](#) page is a good place to start.

Register

Menu Button Add-Ins > 3DM Export for KeyCreator > 3DM Export > Register

This is used to register your copy of *3DM Export for KeyCreator*.

You need a license key to start using the software. A license key can be of two types: Trial or Permanent. A trial key is issued to you instantly and completely free of cost so that you may try the software before you purchase a license. A permanent key is issued after you have purchased a license.



How do I get a Trial Key?

Simply click the 'Request Key' button and select 'TRIAL KEY' as the type of key being requested. Fill the form and submit it. A trial key will be immediately sent to you by email.

How do I get a Permanent Key?

To get a permanent key you need to have already purchased a license. If you have not yet purchased a license you can do so by clicking the 'Buy Online' button. After you place your order click the 'Request Key' button and select 'PERMANENT KEY' as the type of key being requested. Fill the form and submit it. Your order will be verified and a permanent key will be sent to you by email within one business day.

IMPORTANT:

(1) Please ensure that your computer is connected to the internet before you request for a key.

- (2) Please be sure to enter a valid email address as the key will be sent to you by email.
- (3) To avoid disruption in your work-flow we urge you to place your order before the trial period ends.

If you need anything else please send an email to register@sycode.com

About

Menu Button Add-Ins > 3DM Export for KeyCreator > 3DM Export > About

This command is used to display the *3DM Export for KeyCreator* About box. The About box lists the software and its version



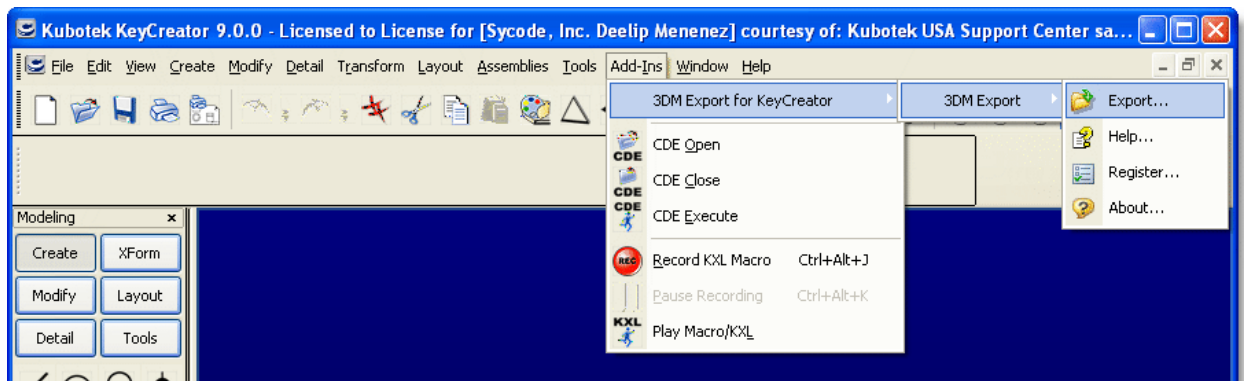
Tutorial

This tutorial provides the necessary information and hands-on experience to help you get started with a *3DM Export for KeyCreator*.

Step 1: Start KeyCreator.

Step 2: Select File > Open. The "Open" dialog box is displayed. Select the file typically located in C:\Program Files\SYCODE\3DM Export for KeyCreator\Samples\Piston.sat and click *Open*.

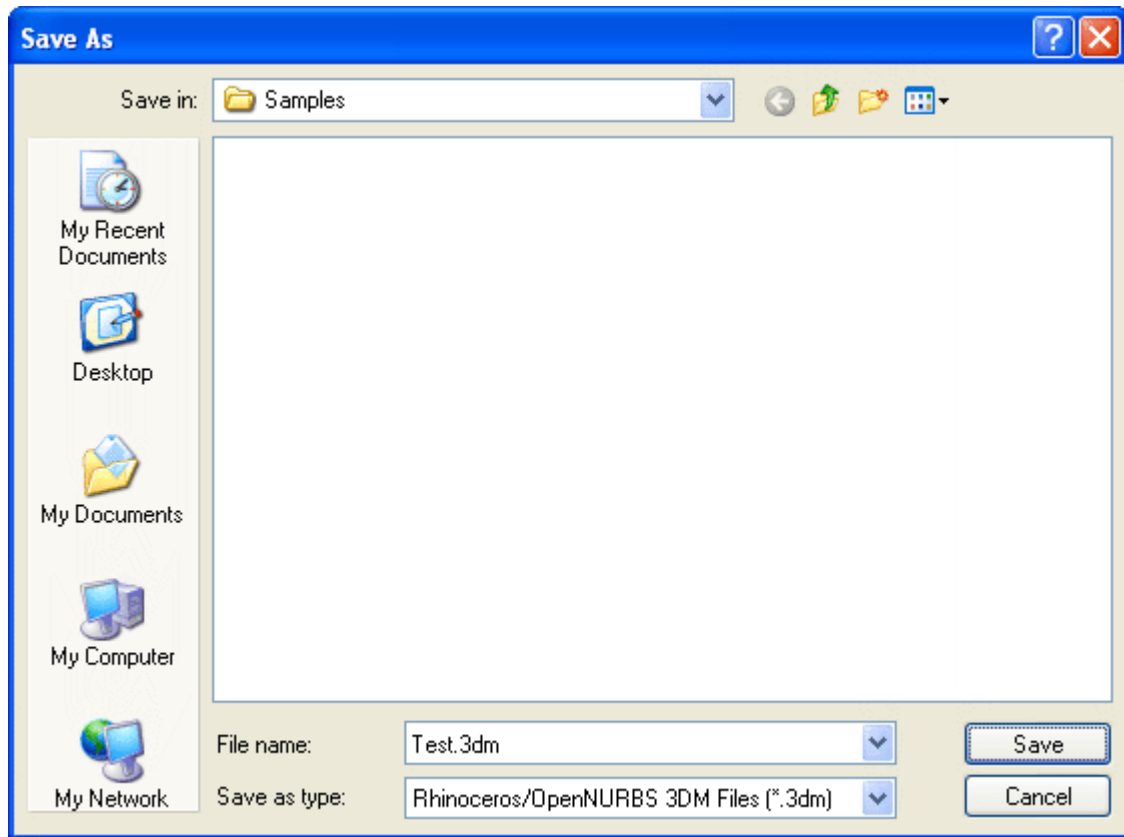
Step 3: Select *Export* from the "Add-Ins > 3DM Export for KeyCreator > 3DM Export" submenu.



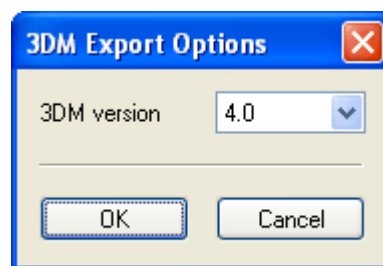
Step 4: Select the objects that you wish to export. Press *Enter* when done.

Step 5: The "Save As" dialog box is displayed. Enter the output file name of a 3DM file and click *Save*.

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Step 6: The "3DM Export Options" dialog box is displayed. Select the Rhino version and click *OK*.



The file will be exported to the 3DM file you specified.