

3DS Export for ARES Help

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3DS Export for ARES Help

Welcome to *3DS Export for ARES* Help!

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

- [Introduction](#) - Introduction to *3DS Export for ARES*.
- [Command Reference](#) - Quick reference of all the commands added by *3DS Export for ARES*.
- [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 *3DS Export for ARES* add-in file into the ARES environment.
- Please read the [License Agreement](#) before using the software.

Introduction

3DM Export for ARES is a Rhinoceros® 3D Model / OpenNURBS 3DM file export add-in for ARES®. This add-in gives ARES the ability to export geometric data to 3DM files.

3DM Export for ARES extracts facet data from 3D Face, Polygon Mesh, PolyFace Mesh and 3D Solid objects in the active ARES drawing and exports it to a 3DM file. 3D Solids are tessellated into triangular faces.

3DM Export for ARES is designed to work with the following versions of *ARES*:

- ARES 2010 (32 Bit)

3DM Export for ARES is very easy to use. Once installed, it must be loaded into the ARES environment. There are simple instructions for this in the [ReadMe](#) document which can be found in the installation folder. Once loaded it adds new commands to ARES's existing commands and a new submenu called "3DMExport" to the ARES menu containing these newly added commands.

3DM Export for ARES 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 the *3DM Export for ARES* ReadMe file.

3DM Export for ARES is a add-in for ARES Commander Edition.

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

Loading:

=====

Before you use the 3DM Export for ARES you need to load the add-in into the ARES environment. Loading is a one time process. The add-in will automatically load itself into ARES on startup henceforth. To load the add-in please carry out the following steps:

- 1) Click Tools->Options. This brings up the Options dialog box.
- 2) Select Add-Ins on the left.
- 3) Check the "New" button towards the top right.
- 4) Browse for the add-in DRX file (3DMExport_ARES_3.02src_8.drx) in the 3DM Export for ARES installation folder (typically C:\Program Files\SYCODE\3DM Export for ARES\) and click "Open"
- 5) Check "OK" on the Options dialog box to dismiss it.

Usage:

=====

3DM Export for ARES adds new commands to ARES. It also adds a new menu the ARES menu "3DMExport". Use the items on this menu to invoke the newly added commands.

The new commands are:

- 1) Export - Export a 3DM file
- 2) Help - Display the 3DM Export for ARES help file
- 3) Register - Register your copy of 3DM Export for ARES
- 4) About - Display the 3DM Export for ARES about box

Sample files are copied into the Samples folder (typically "C:\Program Files\SYCODE\3DM Export for ARES\Samples"). You can use these sample files to try 3DM Export for ARES.

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 ARES adds new commands to ARES and a submenu called "3DMExport" which houses them. The new commands are:

3DMExport	Exports to a 3DM file
3DMExportHelp	Displays the <i>3DM Export for ARES</i> help file
3DMExportRegister	Registers your copy of <i>3DM Export for ARES</i>
3DMExportAbout	Displays the <i>3DM Export for ARES</i> about box

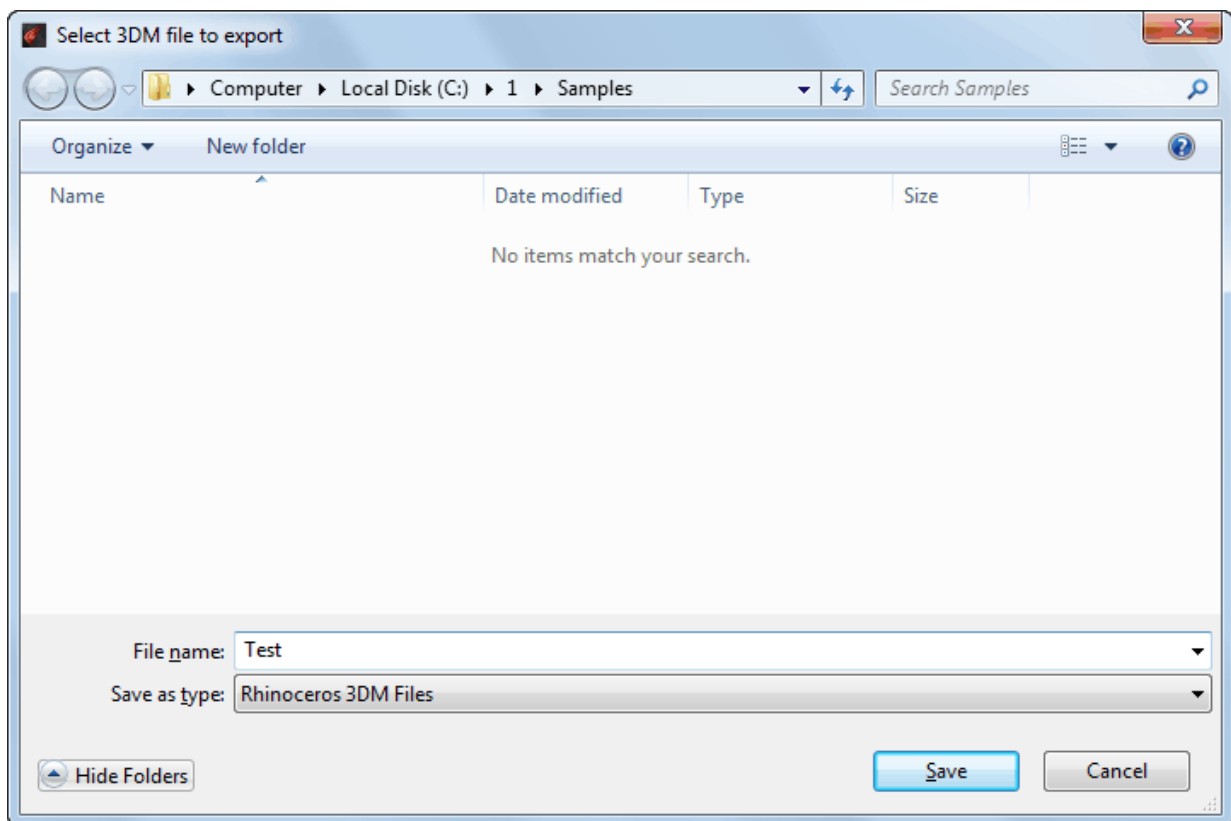
3DMEExport

Menu Button	3DMEExport > Export
Command	3DMEExport

This command exports geometric data from ARES to 3DM files.

To export to a 3DM file

1. Select *Export* from the "3DMEExport" menu or type *3DMEExport* at the ARES command prompt and press *Enter*.
2. At the ARES command prompt "Select objects to export", select the objects that you wish to export and press *Enter* when done.
3. The ARES file "Save As" dialog box is displayed. Enter the output file name of a 3DM file and click *Save*.



4. At the ARES command prompt the "Options" will be displayed. Type the required 3DM options and press *Enter*.

3DMEExportHelp

Menu Button	3DMEExport > Help
Command	3DMEExportHelp

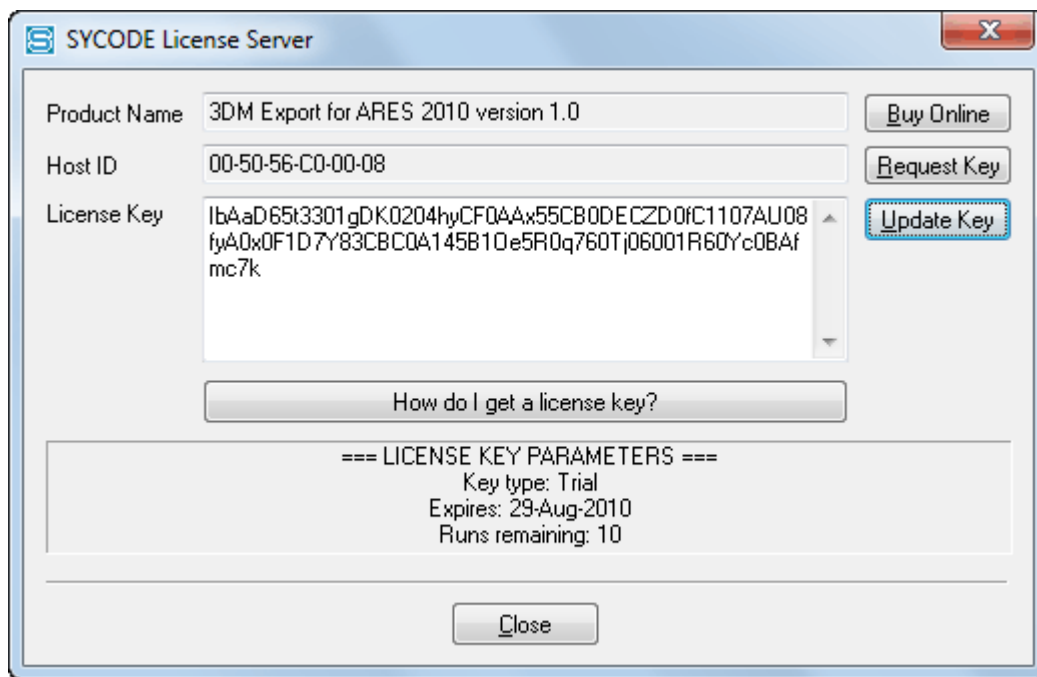
This command displays the help file. The [Welcome](#) page is a good place to start.

3DExportRegister

Menu Button	3DSExport > Register
Command	3DSExportRegister

This command is used to register your copy of *3DS Export for ARES*.

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.

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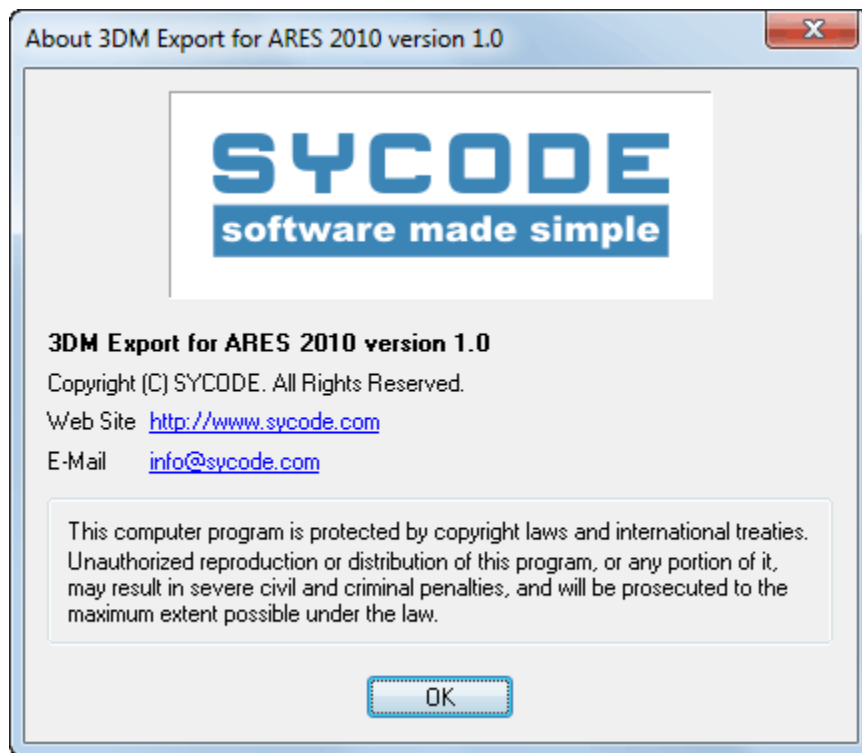
- (2) Please be sure to enter a valid email address as the key will be sent to you by email.
- (3) To avoid disruption in your work-flow we urge you to place your order before the trial period ends.

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

3DMEExportAbout

Menu Button	3DMEExport > About
Command	3DMEExportAbout

This command displays the *3DM Export for ARES* About box. The About box lists the software and its version.



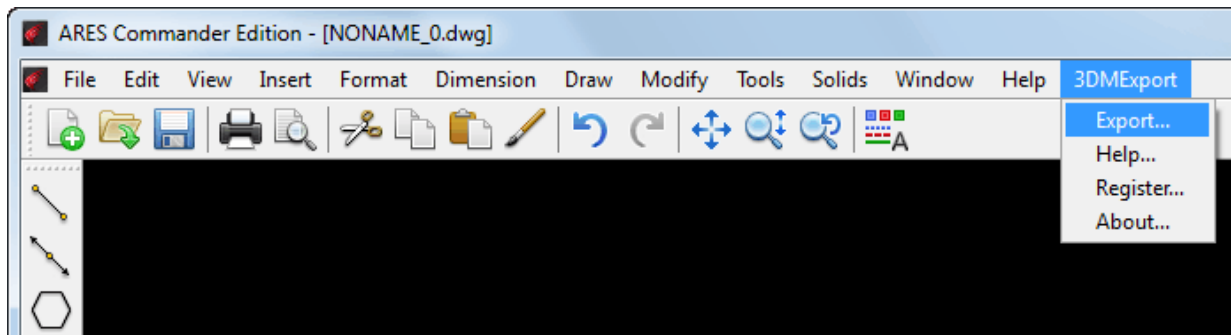
Tutorial

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

Step 1: Start ARES.

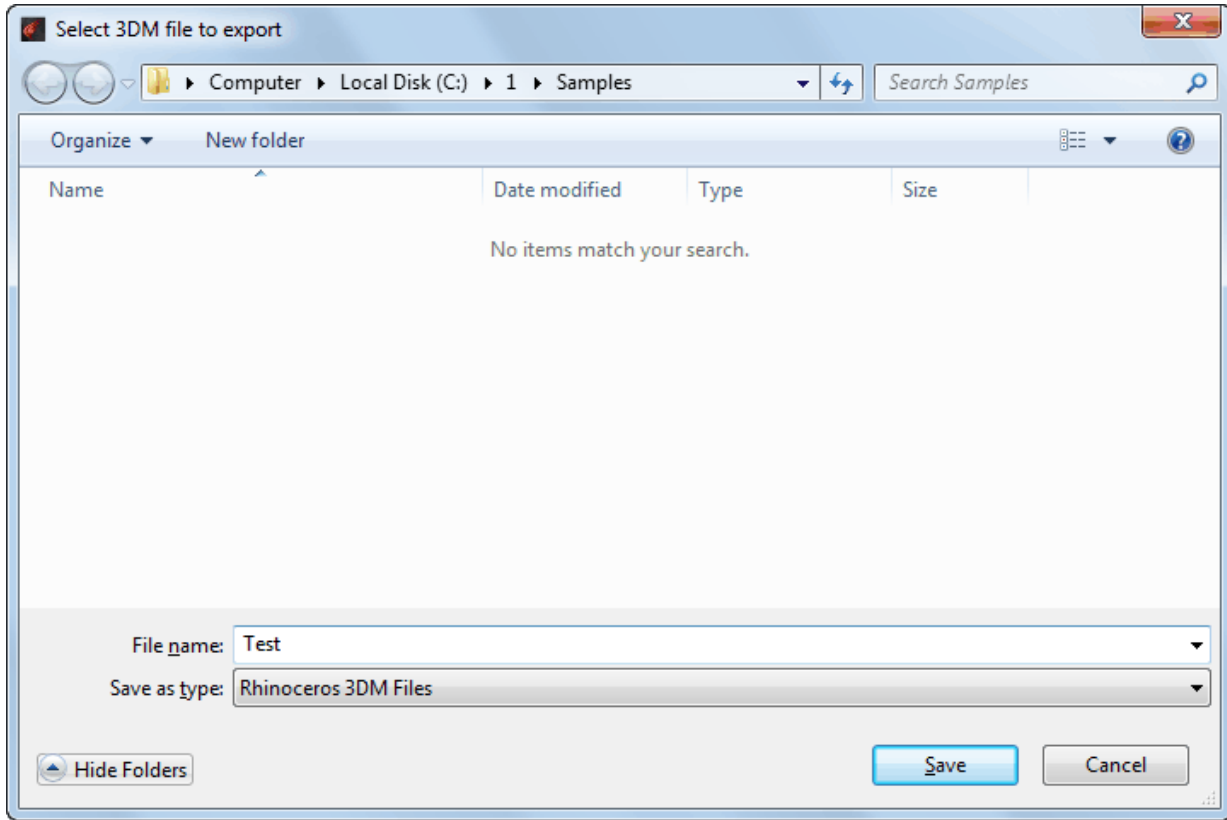
Step 2: Click "File" *Open* from the menu bar. The "Open" dialog box is displayed. Select the file typically located in "*C:\Program Files\SYCODE\3DM Export for ARES\Samples\Sample 1.dwg*" and click *Open*.

Step 3: Select *Export* from the "3DMExport" menu or type *3DMExport* at the ARES command prompt and press *Enter*.

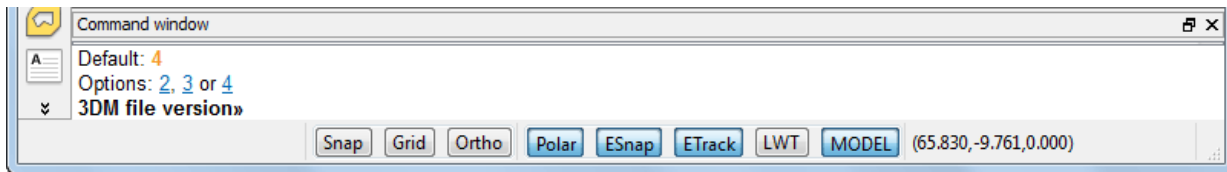


Step 4: At the ARES command prompt "Select objects to export", select the objects that you wish to export and press *Enter* when done.

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



Step 6: At the ARES command prompt the "Options" will be displayed. Type the required 3DM options and press *Enter*.



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