



# **Object Grouping Utility** *for Windows (WinXP, Vista, Win7)*

***Copyright (c) 2011-2012, Winterbrose A&G.  
All Rights Reserved.***

OGU was developed exclusively for and is marketed by:

**Winterbrose Arts & Graphics**



**Winterbrose**<sup>TM</sup>



[www.WINTERBROSE.com](http://www.WINTERBROSE.com)

# Table of Contents

DEVELOPMENT .....	3
LICENSE .....	3
SYSTEM REQUIREMENTS .....	3
DESCRIPTION .....	4
FEATURES .....	5
HOW TO USE .....	8
REFUND POLICY .....	9

## DEVELOPMENT

The OGU development team consists of the following professionals:

**Software Programming:** Matthew Winters  
**GUI Layout & Design:** Matthew Winters

**Application Concept:** Richard Winters  
**Project Manager:** Richard Winters

## LICENSE

Users purchasing OGU are issued a Single-User License for the original purchaser only! OGU may not be copied, sold, transferred, published, shared, distributed, modified or reverse engineered for any reason. If you are using OGU but did not purchase the product, please visit our website at [www.WINTERBROSE.com](http://www.WINTERBROSE.com) or an approved distributor/reseller site for Winterbrose products to purchase a licensed copy for your projects.

## SYSTEM REQUIREMENTS

To use OGU, you will need Windows XP or higher operating system with at least a Pentium 3 class of CPU and 1 gigabyte of memory. Windows updates must be current and include the required .NET Framework all updates. OGU has been tested and works with Win XP, Vista and Win 7.

## DESCRIPTION

OGU is an advanced object grouping utility that *Imports* a 3D Model in the Wavefront Object (OBJ) file format and *Exports* an equivalent OBJ file with all the polygonal face/surface entries organized by Groups and Materials. Most 3D software handles the face/surface entries haphazardly and even though the object seems unaffected, it creates a nightmare for any manual modifications or searches through these portions of the OBJ file.

TURN THIS	INTO THIS
<b>g Head_UpperJaw</b> usemtl Head f 36493/36493/36499 36523/36523/36529 36613/36613/36619 <b>g Head_LowerJaw</b> usemtl Teeth f 36632/36632/36638 36679/36679/36685 36610/36610/36616 f 36558/36558/36564 36610/36610/36616 36653/36653/36659 usemtl Head f 36288/36288/36294 36524/36524/36530 36423/36423/36429 <b>g Head_UpperJaw</b> usemtl Head f 36153/36153/36158 35870/35870/35875 35885/35885/35890 usemtl Teeth f 36063/36063/36068 36100/36100/36105 36043/36043/36048 <b>g Head_LowerJaw</b> usemtl Teeth f 36850/36850/36856 36800/36800/36806 36846/36846/36852 f 36544/36544/36550 36594/36594/36600 36592/36592/36598 <b>g Head_UpperJaw</b> usemtl Head f 36481/36481/36487 36364/36364/36370 36584/36584/36590 usemtl Teeth f 36676/36676/36682 36691/36691/36697 36752/76417/36758	<b>g Head_UpperJaw</b> usemtl Head f 36493/36493/36499 36523/36523/36529 36613/36613/36619 f 36153/36153/36158 35870/35870/35875 35885/35885/35890 f 36481/36481/36487 36364/36364/36370 36584/36584/36590 usemtl Teeth f 36063/36063/36068 36100/36100/36105 36043/36043/36048 f 36676/36676/36682 36691/36691/36697 36752/76417/36758 <b>g Head_LowerJaw</b> usemtl Teeth f 36632/36632/36638 36679/36679/36685 36610/36610/36616 f 36558/36558/36564 36610/36610/36616 36653/36653/36659 f 36850/36850/36856 36800/36800/36806 36846/36846/36852 f 36544/36544/36550 36594/36594/36600 36592/36592/36598 usemtl Head f 36288/36288/36294 36524/36524/36530 36423/36423/36429

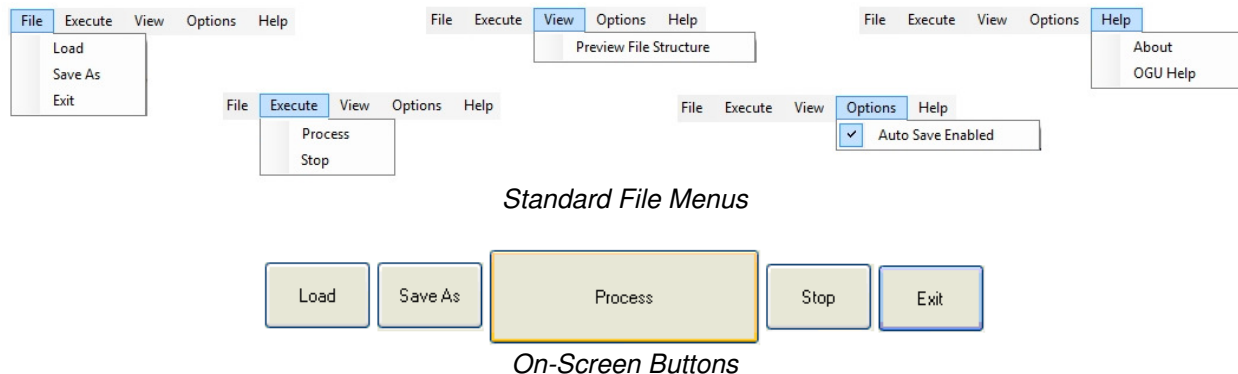
After processing, there is only one reference to each Material per Group in the OBJ file making texture changes in as little as one find and replace.

# FEATURES

When you use OGU, you will find that it is very easy to use, processes large files quickly and keeps your original data files intact.

## EASY

OGU couldn't be easier to use; featuring a standard File Menu to access all available actions and on-screen button controls for the most common ones.



**LOAD:** Loads an OBJ file for processing.  
**SAVE AS:** Save copies of processed OBJ.  
**PROCESS:** Process the loaded OBJ file.  
**STOP:** Halts processing of OBJ file.  
**EXIT:** Exits or Closes the OGU program.

**PREVIEW:** Displays Old and New File Structures for Comparison  
**AUTO-SAVE:** Option to Preview with Saving; Useful for Analyzing files

**ABOUT:** Shows Details of OGU Development

**HELP:** Built-in Assistance for Using OGU

## SAFE

OGU is designed to keep your original data safe; it will not overwrite your original OBJ file. Once you have imported/loaded your new OBJ file and tested it for completeness, you can rename the new file to the original filename to match any other application specific files that need it (ie MTL).

Input Filename: *Alien\_Creature.obj*  
Output Filename: *Alien\_Creature\_OGU.obj*

## INTERACTIVE

OGU will not keep you guessing on how fast it is progressing. The progress bar keeps you informed of the status of all activities.

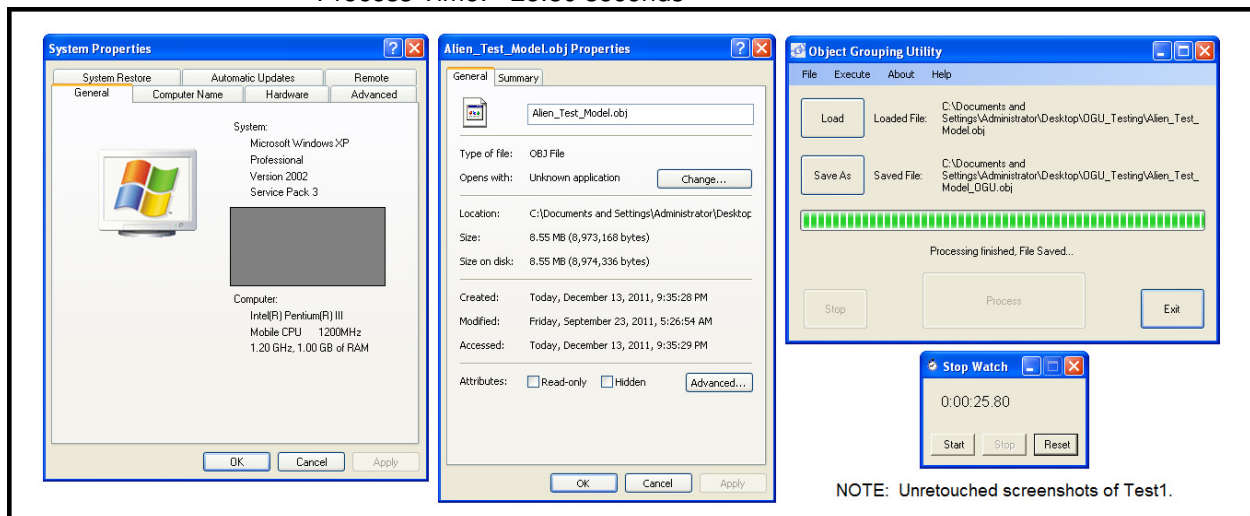


# FAST

OGU is Lightning Fast! You will be amazed at how quickly files are processed even on older systems; a 1Ghz Windows XP system processed an 8Mb object in under 30 seconds. Check out these actual live data tests on legacy versus up-to-date machine. Individual results depend on system.

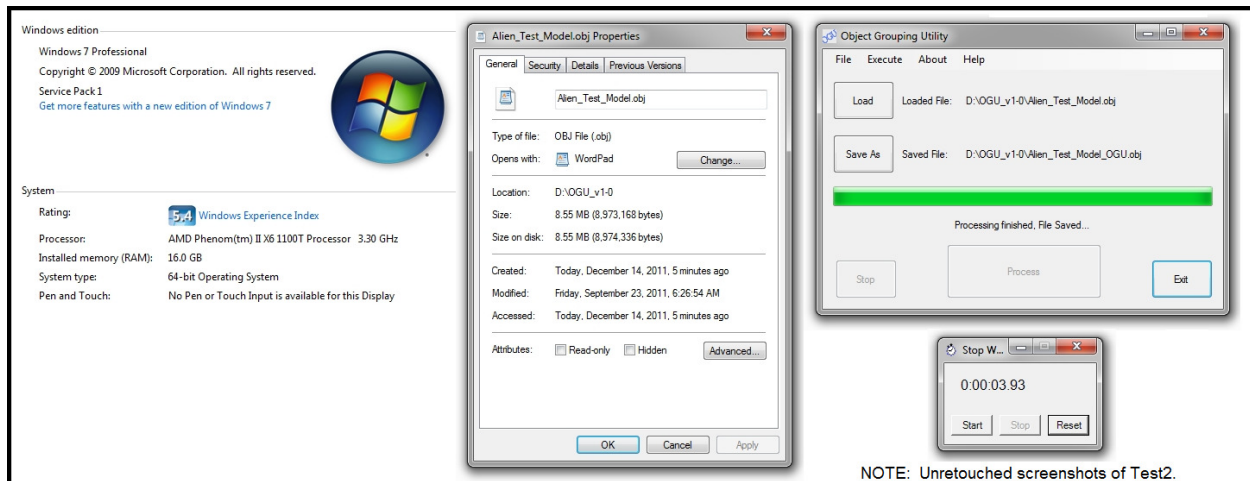
## OGU Speed Test 1:

System Specs: WinXP, Pentium3 1.2 Ghz, 1Gb RAM  
Source File: 8.55 Mb Object file  
Process Time: 25.80 seconds



## OGU Speed Test 2:

System Specs: Win7, AMD PhenomII X6 3.3 Ghz, 16Gb RAM  
Source File: 8.55 Mb Object file  
Process Time: 3.93 seconds



# HOW TO USE

Using OGU is as simple as Loading OBJ file, Processing it and Saving it using this simple 3-step process. And if you can't remember all of that, just click Help / OGU Help on the Main menu for built-in assistance.

---

**STEP-1:**

Use File/Load or Click the Load Button to load the OBJ file to be processed.

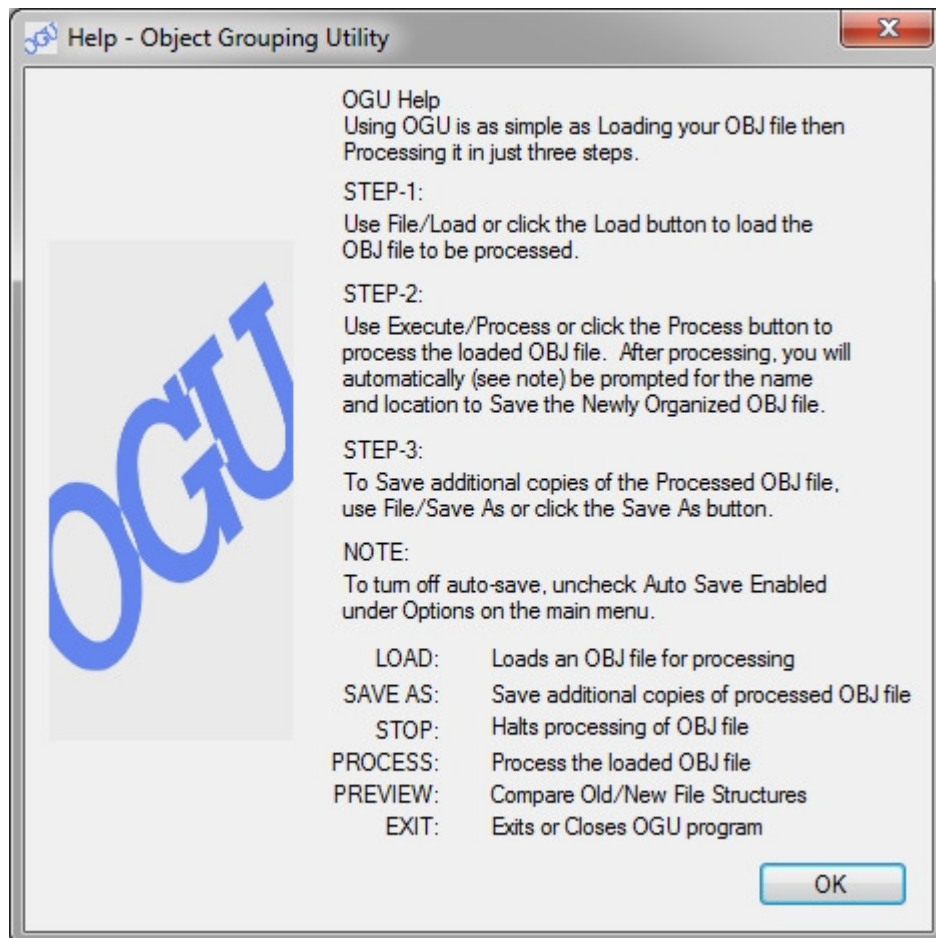
**STEP-2:**

Use Execute/Process or Click the Process button to process the loaded OBJ file. After processing, you will automatically (see note) be prompted for the name/location to Save the Newly Organized OBJ file.

**STEP-3:**

To Save additional copies of the Processed OBJ file, use File/Save As or click the Save As button.

---





## **REFUND POLICY**

**There is a strict No Refund/No Return policy for electronically downloaded software products. Please download the DEMO version to ensure full compatibility with your operating system and hardware configuration prior to purchasing OGU Software.**