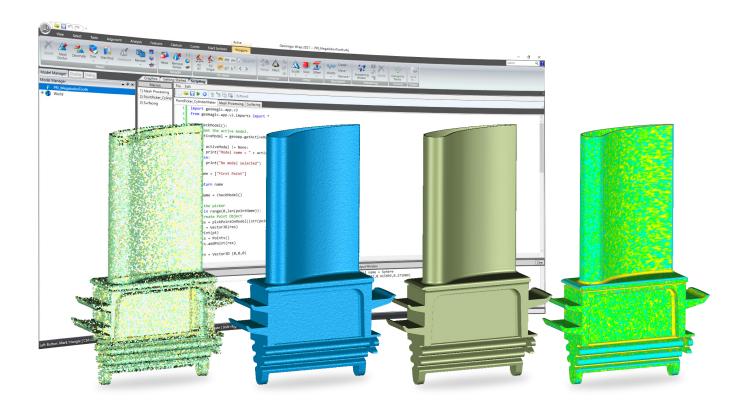


Introducing Geomagic Wrap 2021

Geomagic Wrap[®] provides the industry's most well-known toolset to transform 3D scan data and imported files into 3D models for immediate use in downstream engineering applications across a variety of industries.



Accelerate design and enable a faster time to market with the new capabilities and enhancements in Geomagic Wrap 2021:

- New script editor and enhanced documentation for easy-to-learn and -use Python[®] automation
- Enhanced macro documentation to speed up your everyday workflows
- New and enhanced texture manipulation tools to streamline color and texture workflows
- New surface checking tools provide surface investigation methods for meshes, Exact and Autosurfacing
- New mesh construction method to use on patchy and long-range data



New and Enhanced Features in Geomagic Wrap 2021

Scripting Automation

A new scripting editor enables you to customize your workflow for unique applications. This enables a simpler experience and shorter learning curve to implement small- or large-scale automation or customized projects. New features like Auto Complete and Contextual Highlighting are complemented by enhanced API documentation that you can access in Geomagic Wrap or on the 3D Systems customer support center website and the new macro help functionality.

Gaphic Set	NO CONTRACTOR OF C
Ma228	Fire Ldc
10 Get Mech	🚺 🗋 🐱 🔂 📱 📲 🕼 💷 Pyteod
	Tot Mark
	1 [mort genneg](.eou.v3
	2_ from geomagic.app.v3.imports import *
	3 4 Open test file
	4 # Open Test File 5 path = Directories_path/estory(Directories_DIRECTORY_EXAMPLE_DATA)
	6 group.com/ll(a)+ "(vala).dd")
	2
	# # Get the currently selected model in the model manager.
	settivetodel = george.getActiveto gendenveldodel def avel-broadfoodel
	19 0 genkamikadit dargatatwikadit 13 sehitir - O genkamikadis oraktatwikadir - Maai
	16 1F artivenole3 I = Public All
	15 Mich a group growth write model (contains a mech.
	17 If mesh 1= None:
	18 print("the mesh has " + str(mesh-mmfriangles) + " triangles")
	10 else: 20 prefort("bis mode) dees net contain a mesh")
	are priori into more over entroline entrol) 21 elleri
	<pre>22 grint("to model selected")</pre>
	Output Window Des
Ine Char	Description
1 7 Eq	pression expected.

HD Mesh Construction

A new HD Mesh Construction method provides a powerful way to construct polygon objects from point clouds. This can be a particularly challenging operation for scans that are missing information or are time intensive with large data sets. HD Mesh Construction helps overcome these challenges, enabling you to create watertight meshes faster.



Texture Manipulation Tools

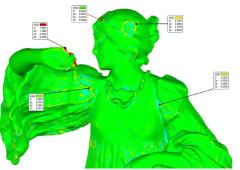
New texture manipulation tools streamline workflows involving color and texture. Geomagic Wrap 2021 includes a more robust set of texture map manipulation tools to control custom texture groupings on a model. These new tools enable you to create higher-quality, more logical texture maps for improved downstream usability.



Inspection/Analysis Tools

New analysis capabilities help retain 3D comparison models between objects to easily tune, verify, and check processes.

- Use new annotations on comparisons to further investigate model areas.
- Reference previous 3D comparisons as you work on models with the existing 3D comparison in the model manager.



If you're on maintenance

softwaresupport.3dsystems.com



If you're off maintenance

3dsystems.com/how-to-buy

Find out more at https://www.3dsystems.com/software/geomagic-wrap

© 2020 by 3D Systems, Inc. All rights reserved. Specifications subject to change without notice. 3D Systems, the 3D Systems logo, Geomagic, Geomagic Wrap, and Wrap are registered trademarks of 3D Systems, Inc. All other trademarks are the property of their respective owners.

