

GENIUS TOOLS for Creo

13.0.1.0

News

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1 Important information

Updating GENIUS TOOLS Parameter & Library

An update of GENIUS TOOLS Parameter & Library does not update the resource folder (*gt_resource_folder*). This must be updated manually. Consult the chapter *Update process* in the help document *GENIUS TOOLS Starter Installation.pdf*

GENIUS TOOLS for Creo: No support for Creo version 11.0.1.0(12.0.2.0)

PTC Creo version 11.0.1.0 is not supported.

GENIUS TOOLS for Creo: End of support for Creo versions up to 9.x (Version 12.0.0.0)

PTC Creo versions up to and including 9.x are no longer supported.

GENIUS TOOLS for Creo: Modules discontinued as of Creo release 13 (12.0.0.0)

The following GENIUS TOOLS extension modules will be discontinued as of Creo version 13.0.0.0, as the functions can now be executed with Creo Parametric.

GENIUS TOOLS for Creo	Creo Parametric
Feature Regeneration Profiler	Performance Report (in <i>Tools</i> > <i>Investigate</i>)
Multibody to Assembly	Save as assembly in a multibody part (in <i>File</i> > <i>Save as</i>)

Export TDP: Directories must be renamed (12.0.0.0)

For Export TDP, the following subdirectories in *export_tdp* must be renamed in the resource directory:

Folder name: old	Folder name: new
component	chapters
model	components
template	templates

The following configuration options have been renamed:

Configuration option: old	Configuration option: new
gttdp_component_folder	gttdp_chapter_folder
gttdp_model_folder	gttdp_component_folder

The following details for the export templates have been renamed:

XML-Tags: old	XML-Tags: new
frame	format
XML-Attribute: old	XML-Attribute: new
component	definition
drwframe	drwformat
Latex	
@frame	@format

GENIUS TOOLS for Creo: No support for Creo version 11.0.1.0(12.0.2.0)

PTC Creo version 11.0.1.0 is not supported.

Utilities – Open drawing: Change configuration for OData API (12.0.2.0)

If you are working with Windchill via the OData REST API interface, the value for the configuration option *gtu_ord_pdm_odata_file_name_attribute* must be changed to *FileName* to represent the attribute *FileName*. The ODATA interface reads the attribute *FileName* instead of the attribute *Name* as before.

License-dependent functions

The following functions are available with a subscription license for *GENIUS TOOLS® Library*, *GENIUS TOOLS® Parameter* and *Startup TOOLS*.

Extension module (GENIUS TOOLS for Creo)	Description	Release
Load Save Converter	Converts Creo objects from previous Creo-, Wildfire- or Pro/ENGINEER versions to the currently used version.	7.0.0.0
Inspect Revision	Stores all versions of inspection symbols on a drawing. Easily creates an overview of a revision history.	7.0.0.0
Open Base Model	Opens geometric base models that are reference sources for features with one click in the context menu of a feature.	7.0.0.0
Extend Relations	Adds functions to model relations that define parameters for models and – with Creo 7 – for bodies.	7.0.0.0 - 8.0.0.0
Select Surfaces By Color	Surfaces of the same color can be selected with one click and be colored, measured or otherwise modified thereafter.	7.0.1.0
CS Assembler	Automates the assembly of components into an assembly using defined coordinate systems (CS).	7.0.1.0
Extended Dimension Functions	Model dimensions can be increased or decreased very quickly with the mouse in a defined increment in the graphics window.	7.0.2.0
Copy Component Parameter To Substitution Component Parameter	If a value has been assigned to a component parameter for a part in the master representation, this value can be copied to the component parameter for a simplified part.	7.0.2.0

Extension module (GENIUS TOOLS for Creo)	Description	Release
Toggle Symbol Variants	If a grouped symbol has variants in the first level, you can switch between those variants more quickly.	7.0.2.0
Multibody to Assembly	Converts multiple bodies into assemblies (Creo Advanced Assembly Extension (AAX) is required.)	8.0.0.0 - 12.0.2.0
Work Dir Manager	Automatically collects all directories used during the work process and enables the current working directory to be changed quickly.	8.0.0.0
Full Backup	Quickly backs up the current model with all dependent data.	8.0.0.0
Command Control	Creo Parametric ribbon commands / commands can be hidden or deactivated.	8.0.1.0
Feature Regeneration Profiler	Regenerates models and displays regeneration times for each feature.	10.0.1.0 - 12.0.2.0
Create offset point and offset coordinate systems	Creates a coordinate system at the same location (point, corner point, or coordinate system) within a part or assembly, but with reference to a newly selected reference coordinate system.	12.0.0.0
Stack Note	Imports notes from a multilingual database; the selection of notes is summarized in a note table and can be placed next to a drawing.	12.0.1.0
Split Table	Splits a table so that it is placed to the right or left of it and can be repositioned.	12.0.1.0

Extension module (GENIUS TOOLS for Creo)	Description	Release
Inspect Instance Note	Inspection symbols and notes can be selected to add a note. This shows which inspection symbols belong to the respective pattern.	12.0.1.0
MBD Info	Shows an overview of the annotations available in the combined views.	13.0.0.0
Set Component Combined View	In assembly mode, sets the combined views of the components.	13.0.0.0

2 What's new in release 13

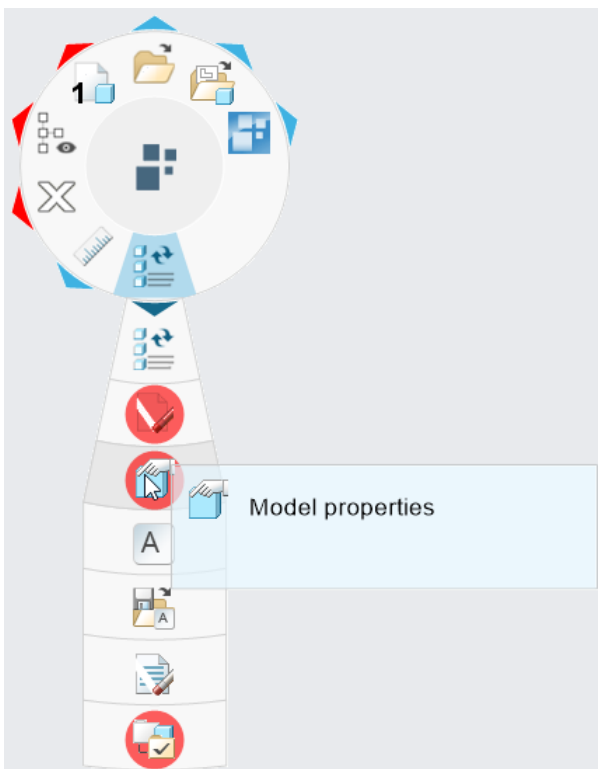
The following functions have been added to the GENIUS TOOLS add-on applications for Creo that are contained in the products GENIUS TOOLS Library and GENIUS TOOLS Parameter and GENIUS TOOLS MBD for ISO GPS.

Please note: If you would like to search for functions of a module across releases, enter the name of the module in the search window in the **Update Advisor** (<https://updateadvisor.inneo.com>). The Update Advisor also lists all changes to configuration options and files in the supplied data packages.

2.1 Quick Access

Quick Access: Searching for elements (13.0.0.0)

You can search for elements in *Quick Access*. Enter the letters you are looking for, e. g. "mo", "model". Categories containing search results will be highlighted in red. Click on an arrow to view the search results it contains, which are also highlighted in red. For clarity and performance reasons, only one category can be expanded at a time.

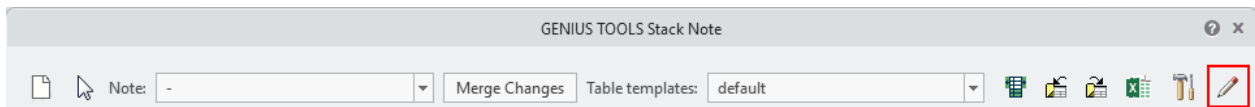


Results for the sample search for "mo"

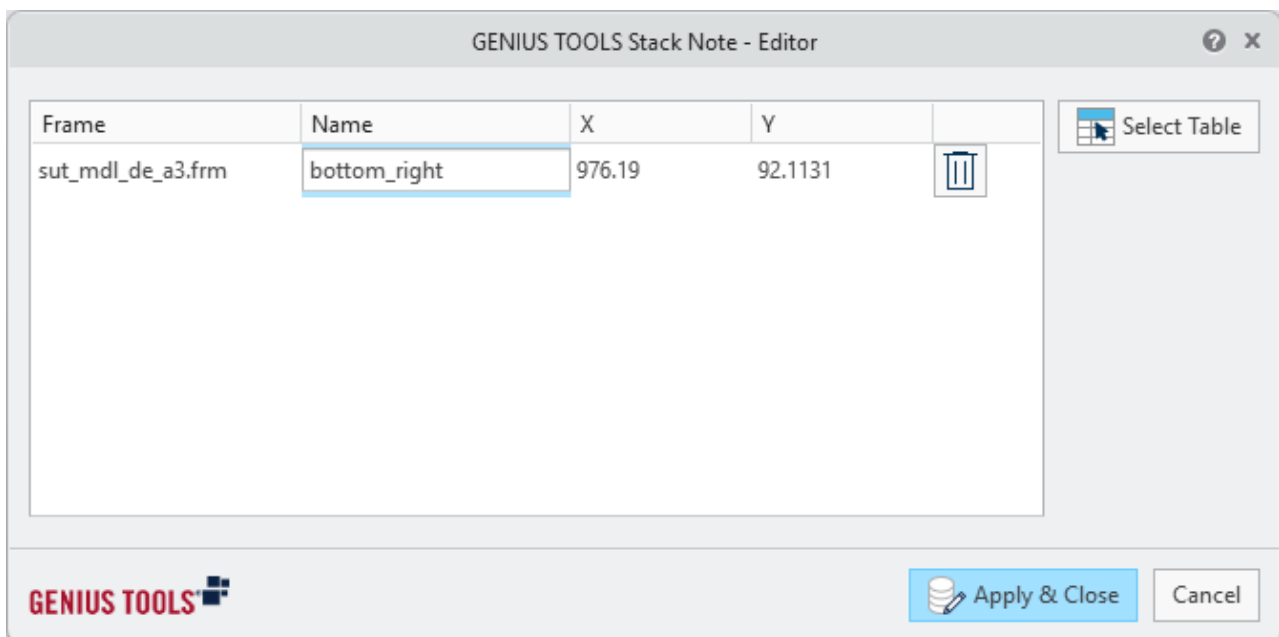
2.2 Stack Note

Stack Note: Editor available (13.0.0.0)

An Editor is available for *Stack Note*. Use the Editor to select sample tables that have been placed in order to read their positions and reuse them.



Click on the pencil icon  in the toolbar to open the Editor.



Editor with one specified position

3 Configuration options

The following configuration options have been added, changed or deleted since version 13.0.1.0.

3.1 New configuration options (13.0.0.0)

Parameter: New configuration options

gtp_ignore_start_gtp_after_model_creation

Defines the submodel types, separated by comma, that should not start GENIUS TOOLS Parameter after model creation.

– sub model types:

- part_solid, part_composite, part_sheetmetal, part_concept_model
- asm_design, asm_interchange, asm_intchg_subst, asm_intchg_func, asm_class_cav, asm_verify, asm_procplan, asm_ncmodel, asm_class_scan_set, asm_figure, asm_ext_simp_rep, asm_configure_asm
- mfg_ncasm, mfg_ncpart, mfg_expmach, mfg_cmm, mfg_sheetmetal, mfg_cast, mfg_mold, mfg_dieface, mfg_harness, mfg_procplan, old_reg_mfg
- bulk, regen_backup, manikin_top, manikin_seg, ce_solid, creo_intrch, creo_cnf_factory, ecad_asm, ecad_board_part

Stack Note: New configuration option

gtsn_placement_DB

Defines the file name for the placement database.

gtsn_note_database_external

Defines the file path to the database that contains the additional note elements.

gt_start_stack_note_editor

Defines whether GENIUS TOOLS Stack Note Editor can be started by users . (0 - No, 1 - Yes)