

GENIUS TOOLS for Windchill

Bundles and Plugins – Version 8.2.0

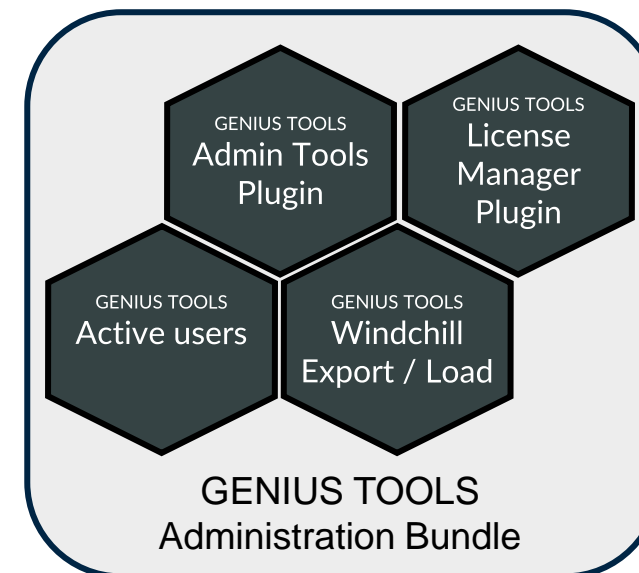
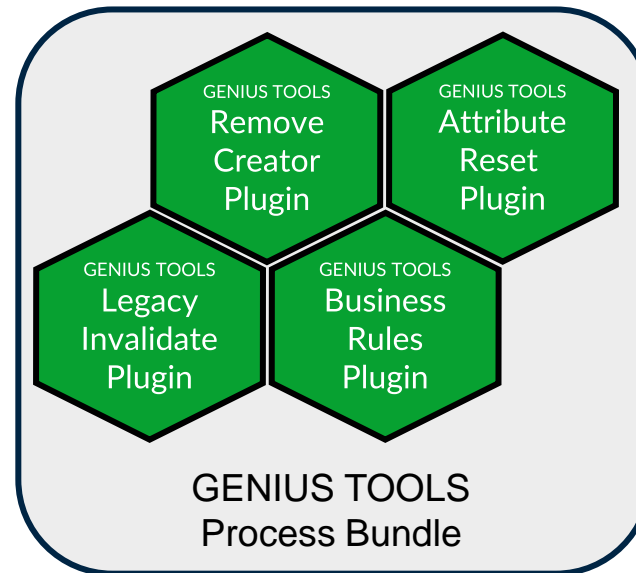
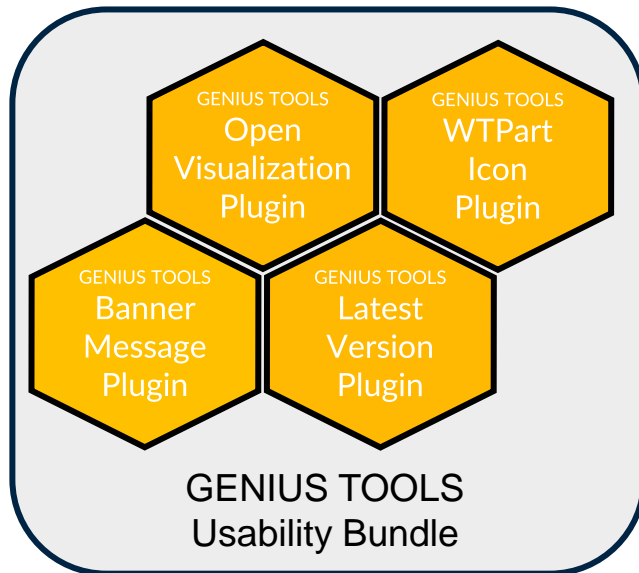
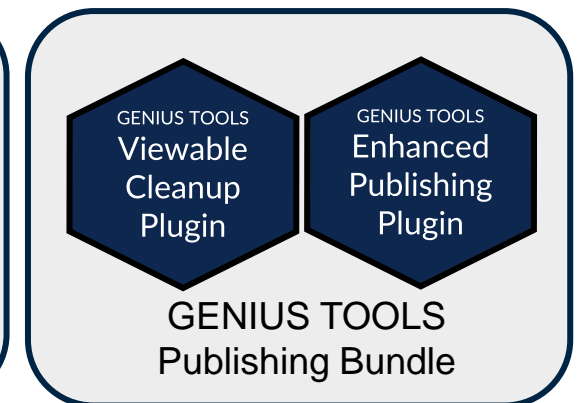
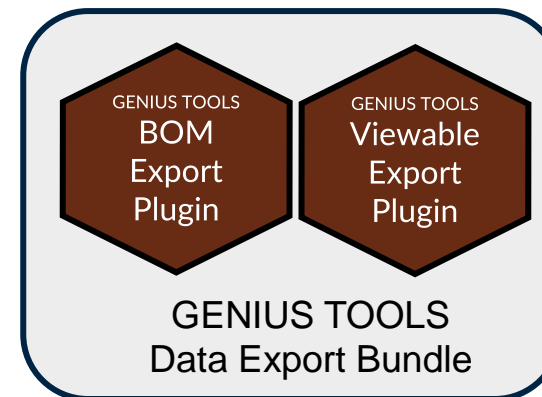
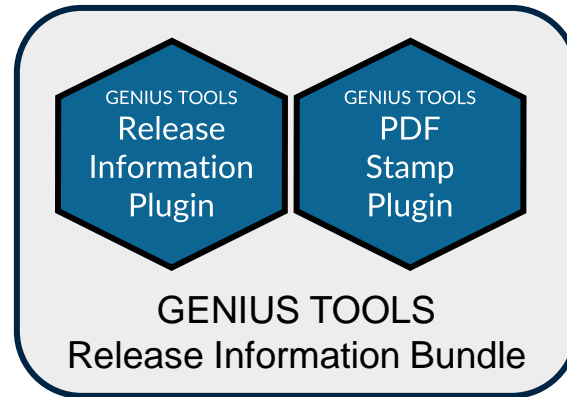
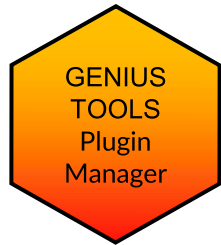


Jörg Ehrenstein, Q3 2024

The "INNEO GENIUS TOOLS for Windchill" are functional extensions for the PLM system "PTC Windchill".

- The individual extensions are each referred to as a "plugin"
 - Each use of a plugin requires a license
- The "plugins" are installed and updated centrally in Windchill via the "INNEO Plugin Manager"
 - The usage of the INNEO Plugin Manager does not require a license
- Commercially, the plugins are combined in "bundles"
- Plugins can only be purchased in assigned bundles
- The "package" in which several bundles are combined is the superordinate element

GT for Windchill Bundles overview





The "GENIUS TOOLS Plugin Manager" is the central tool within the Windchill system for the overview and installation of the individual bundles

- The plugin manager is automatically included with every plugin
- The Plugin Manager is also used when installing a Windchill customizing from INNEO
- The Plugin Manager is available for Windchill systems starting with versions 12.0
- The Plugin Manager enables the customer to install GENIUS TOOLS updates independently



picture: Placement of the plugin manager

GENIUS TOOLS Plugins Overview								
Plugin name	Description	Version...	Category	Documentation	Configuration	License status	Status	Windchill Target Version
GT Viewable Export	Viewable and document export	7.1.0	Data Transfer	?		● ● ●	Restart required	12.0
GT Banner Message	Displaying a banner message and customizing the confirmation banner	7.1.0	Process	?		● ● ●	Restart required	12.0
GT Open Visualization	Open default visualisations directly from table columns or on the info page	7.1.0	User Interface	?		● ● ●	Installed	12.0
GT Enhanced Publishing	Extends the Windchill publishing process	7.1.0	Visualization	?		● ● ●	Restart required	12.0
GT Business Rules	Business Rules Framework	7.0.1	Process	?		● ● ●	Installed	12.0
GT PDF Stamp	Dynamic stamping and watermarking for PDF visualizations	7.0.0	Visualization	?	⚙	● ● ●	Installed	12.0
GT Active Users	Logged in Windchill users overview	7.0.0	Administration	?		● ● ●	Installed	12.0

picture: Overview in the plugin manager

There are six different bundles

- GT Usability Bundle
 - GT Data Export Bundle
 - GT Publishing Bundle
 - GT Release Information Bundle
 - GT Process Bundle
 - GT Administration Bundle
- Each of the bundles includes its own exclusive plugins

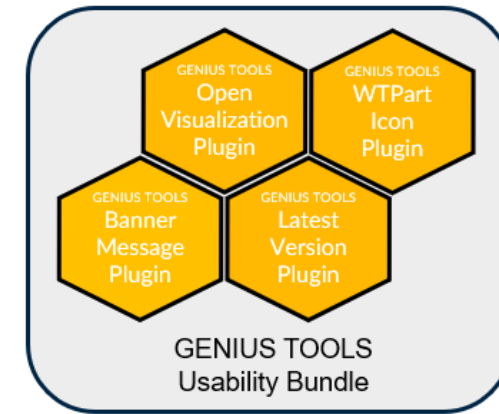


picture: Overview of INNEO GENIUS TOOLS Windchill Bundles

This bundle contains four plugins for a better user experience in the daily work of users



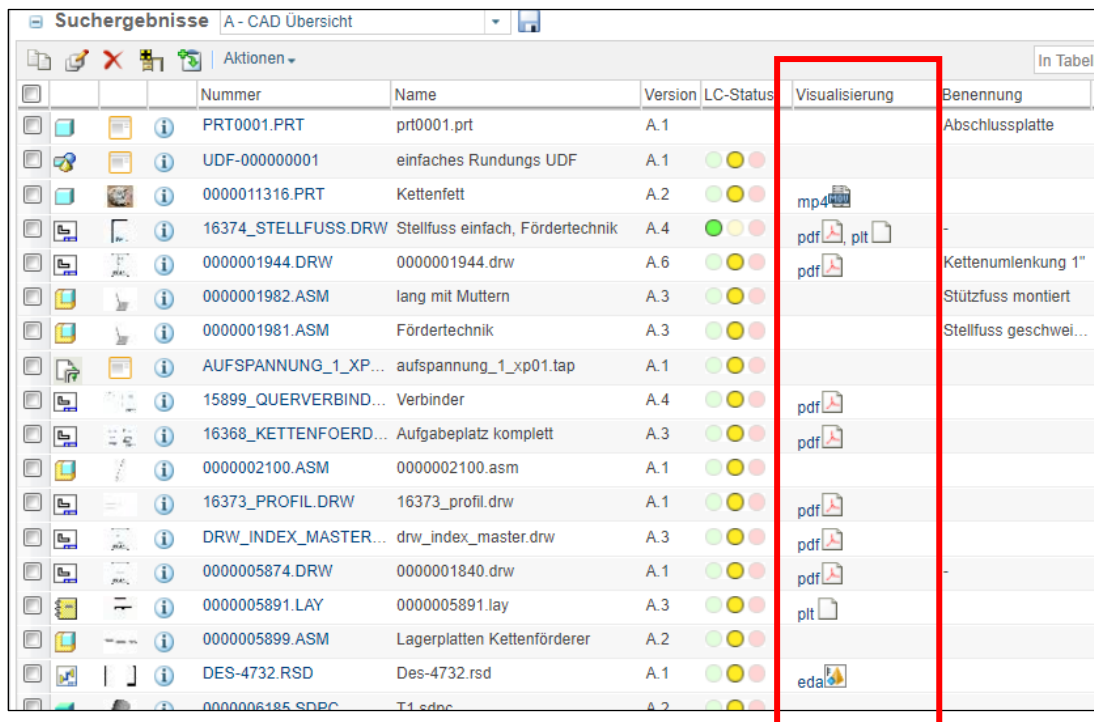
- GT Open Visualization
 - direct download of existing visualization data (PDF, STEP, IGES, ...)
- GT WTPart Icon
 - Activation of end-item symbols for WTPart subtypes
- GT Banner Message
 - Easily configurable message in Windchill banner
 - Shorten the Windchill confirmation banner
- GT Latest Version
 - indicates whether a versioned object is the latest iteration of the latest revision



The GT Usability Bundle is automatically included with every other bundle and cannot be purchased independently

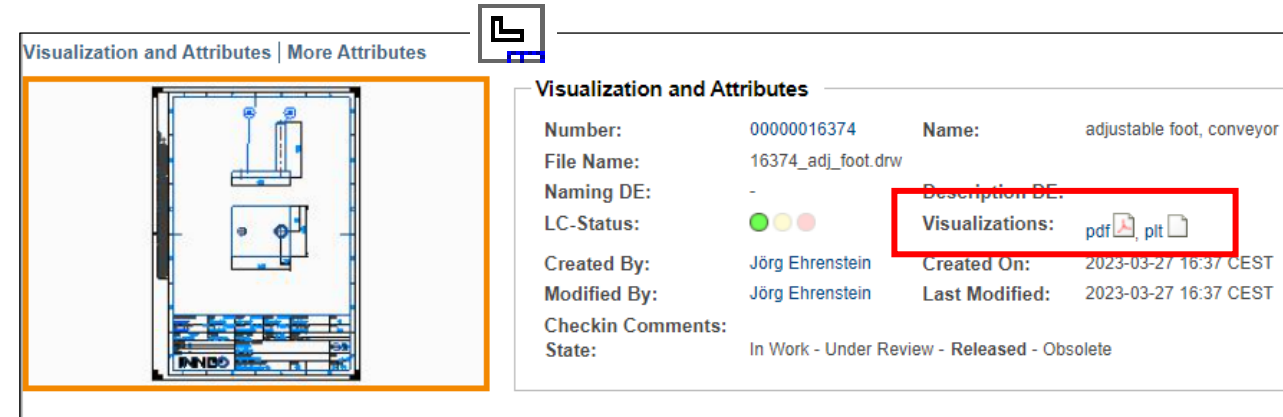
View and quick-access of visualizations as a table column

- offers the file extensions that are available for download
- Available in Folder/Search
- For display in the layout of the info page
- Customizable in Preference Manager

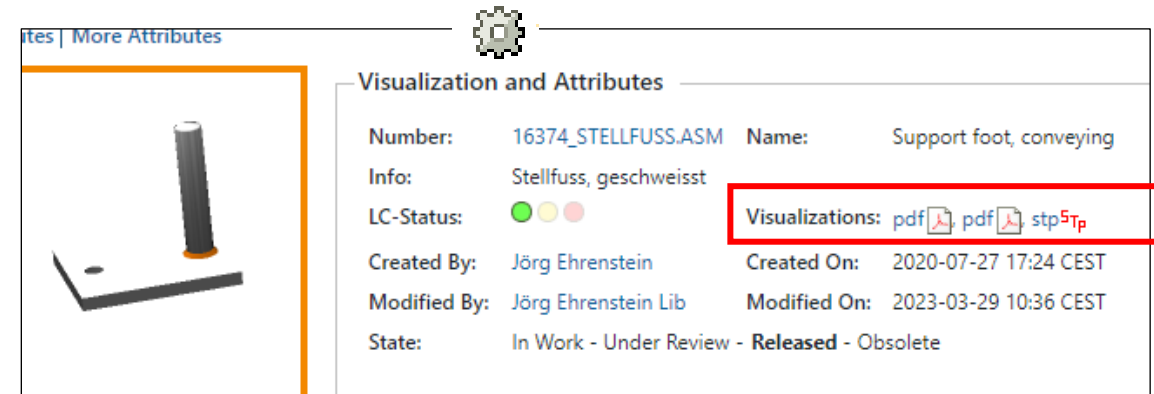


Suchergebnisse	A - CAD Übersicht	Visualisierung
PRT0001.PRT	prt0001.prt	A.1
UDF-000000001	einfaches Rundungs UDF	A.1
0000011316.PRT	Kettenfett	A.2
16374_STELLFUSS.DRW	Stellfuss einfach, Fördertechnik	A.4
0000001944.DRW	0000001944.drw	A.6
0000001982.ASM	lang mit Muttern	A.3
0000001981.ASM	Fördertechnik	A.3
AUFSPANNUNG_1_XP...	aufspannung_1_xp01.tap	A.1
15899_QUERVERBIND...	Verbinder	A.4
16368_KETTENFOERD...	Aufgabeplatz komplett	A.3
0000002100.ASM	0000002100.asm	A.1
16373_PROFIL.DRW	16373_profil.drw	A.1
DRW_INDEX_MASTER...	drw_index_master.drw	A.3
0000005874.DRW	0000001840.drw	A.1
0000005891.LAY	0000005891.lay	A.3
0000005899.ASM	Lagerplatten Kettenförderer	A.2
DES-4732.RSD	Des-4732.rsd	A.1
0000006185.SDPC	T1.sdpc	A.2

picture: Display and access to visualizations in a table



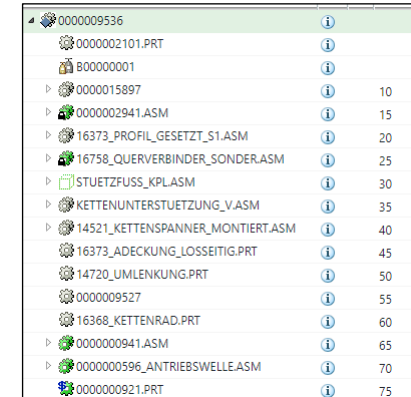
picture: Display and access on the detail page of a drawing (e.g. the associated DXF and PDF derivations)



picture: Display and access on the detail page of a WTPart (e.g. the drawings and PDFs of the CAD-Object of a WTPart)

Different icons for individual WTPart subtypes

- Differentiation based on:
 - Gathering, Phantom, Assembly Mode, Source
 - End Item, Configurable
 - Organization
 - View (Design, Manufacturing, ...)
 - Lifecycle State
- Custom attributes (IBAs) are not supported
- The Windchill administrator is responsible for “designing” additional icons



picture: with Plugin: Structural view of a WTParts

	Component - Buy - Released	Design
	Separable - Make - Released	Design
	Inseparable - Make - Obsolete	Design
	Separable - Make - in Work	Design
	Component - Buy - in Work	Design
	Component - Make - in Work - Enditem	Design
	Component - Make - Under Review	Design
	Separable - Make - Released	Manufacturing
	Inseparable - Make - Obsolete	Manufacturing
	Separable - Make - in Work	Manufacturing
	Component - Make - in Work - Enditem	Manufacturing

picture: WT Standard: all characteristics have the same icon

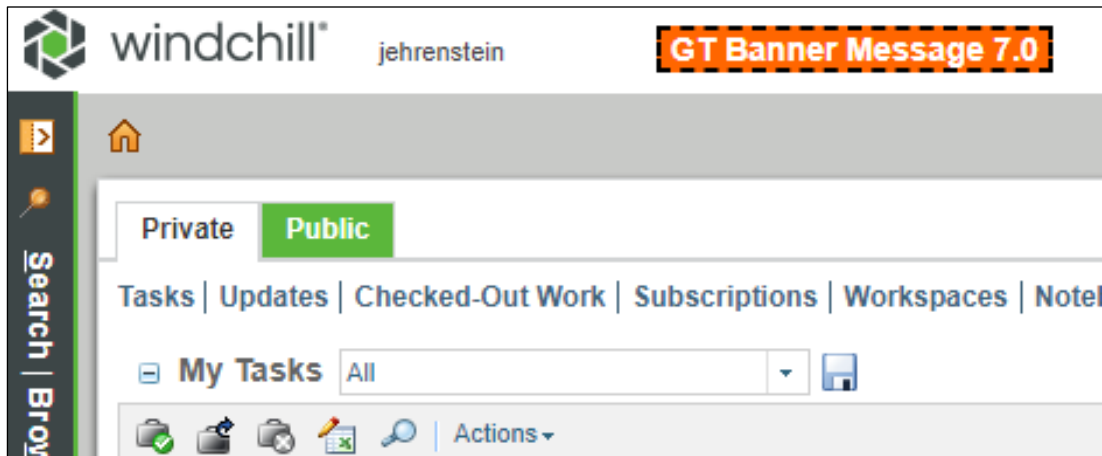


	Component - Buy - Released	Design
	Separable - Make - Released	Design
	Inseparable - Make - Obsolete	Design
	Separable - Make - in Work	Design
	Component - Buy - in Work	Design
	Component - Make - in Work - Enditem	Design
	Component - Make - Under Review	Design
	Separable - Make - Released	Manufacturing
	Inseparable - Make - Obsolete	Manufacturing
	Separable - Make - in Work	Manufacturing
	Component - Make - in Work - Enditem	Manufacturing

picture: with Plugin: all “versions” with their own icons

Displays formatted messages in the header in Windchill

- E.g., test system, version, maintenance dates, information
- An HTML style can be stored in a setting
 - Color, position, font and more can be customized
 - There is an example in the documentation or as a default value
- By reloading the page, changes take effect immediately
- This is a site preference only



picture: Displaying a banner in Windchill



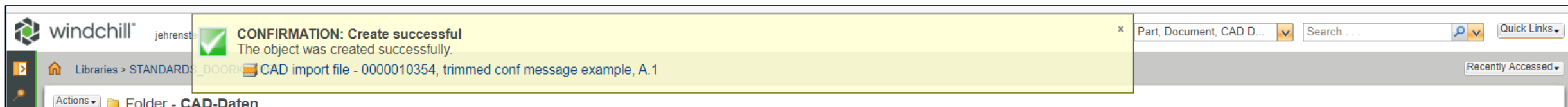
picture: Definition of the message text in the preference manager

Shorten the yellow "Confirmation" banner

- Percentage of total appearance
- Changes are available without rebooting
- This is a site preference only

GT Banner Message		Displaying a banner message and customizing the confirmation banner
01 Enabled	Yes	Activates the Plugin.
10 Configuration		Configuration of GT Banner Message
CSS style for confirmation message	width: 60%; margin-left: 200px;	Override CSS style for confirmation messages.

picture: preference manager options



picture: customized confirmation banner in Windchill PDMLink



Display in tables

- Icon to indicate if the document is not in the latest version
- Icon with hyperlink to the latest version

Actions Electrical Part - 0000000095, R 0,01mOhm 5% 0,063W TK200, A.2 (Design)

Details Structure Related Objects Changes History Where Used AML/AVL

Described By Documents | Reference Documents | CAD/Dynamic Documents | Alternates | Substitutes | Made From | Process Plans | Distribution Targets

Described By Documents Default

	Number ↑	Version ↑	Name	Context	State	Latest Version	Last Modified
	DOC0000061	A.1	Purchase Part Data Sheet	Tests	Released		05/10/2021 14:50 CEST

DOC0000061, Purchase Part Data Sheet, B.1, In Work

picture: Customized table with "Latest Version Symbol" on a WTPart

Actions Managed Baseline - 0000000001 (Release 0000000095)

Details Related Objects History

Baseline Objects | Contexts

Baseline Objects All

		Name	Number	Version	Latest Version	State
		Purchase Part Data Sheet	DOC0000061	A.1		Released
		R 0,01mOhm 5% 0,063...	0000000095	A.2 (Design)		Released

picture: Customized table with "Latest Version Symbol" on a Baseline

For performance reasons, do not insert in search results, folders or other large tables

This bundle contains two plugins for release process support:

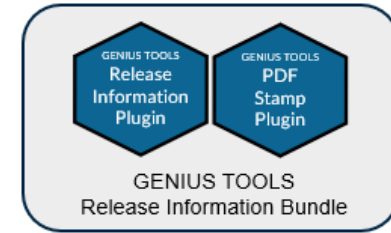
- GT Release Information

- Deployment of Windchill release- and change-attributes to Creo
- Releasers and reviewers from the Windchill process in Creo
- All information usable in the title block of the Creo drawing
- Applicable also for exiting legacy data in Windchill
- Usable when publishing drawings into neutral format



- GT PDF Stamp

- Dynamic stamping and watermarking on PDF representations
- Include and exclude objects by sophisticated filtering criterias
- Mark drawings that are no longer current when opening or exporting
- Also, for existing data in Windchill, no republication required
- Usage of Windchill attributes as Stamp information





Fully digital chain for the release and change process

- No manual filling of the title block in Creo
- Automatic rolling of last changes in title block
- Initials automatically calculated based on the Windchill user
- No checking out of drawings to fill the title block
- Visualization contains release data e.g., for export as PDF

Change history

The screenshot shows a drawing header with various fields. A red box highlights the 'Change history' table, and a red arrow points to it from the 'Change history' label. Another red arrow points from the 'Release data' label to the 'Release information' section.

Dateiname des Modells FLANSCH				Dateityp PART	Dateiname der Zeichnung FLANSCH	
Allgemeintoleranz B/N ISO 2768-m-S				Kanten B/N ISO 13715	Maßstab 1:1	Masse 33.830 kg
Material 07040_GGG-40				Halbzeug -		
Benennung Getriebeflansch Sonderbauform				Zeichnungsnummer 20.400.61.12800		
Blatt 1				1 BL.		

Zust.	Änderung	Datum	Name (User)
3	Tabelle erstellen	2018-07-06	TCM
2	Korrektur Maß	2018-07-06	TCM
1	Kante abschleifen	2018-07-06	TCM
-	Start Flansch	2018-07-06	TCM

Release data

Initials automatically filled and calculated

picture: Example of automatically filled release information in the drawing header

GT PDF Stamp Plugin

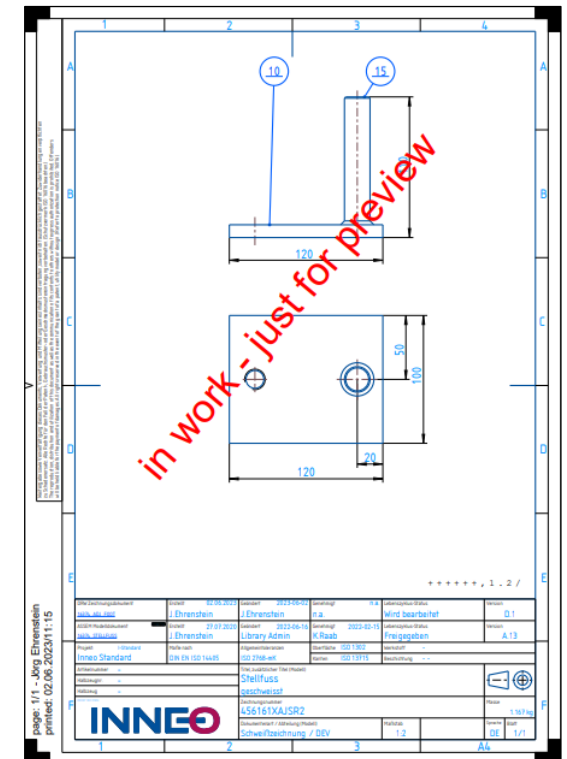
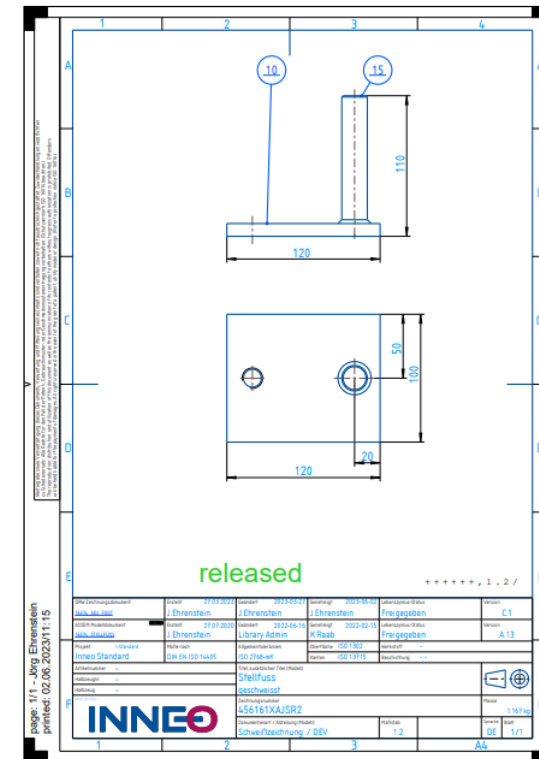
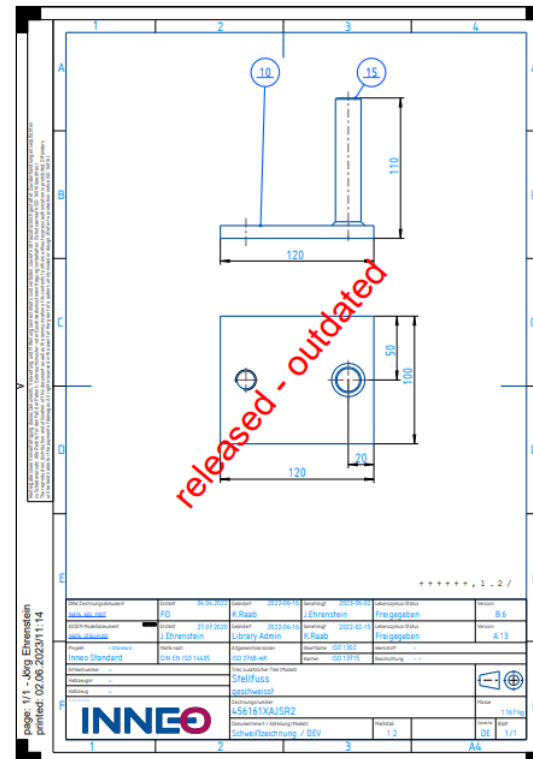
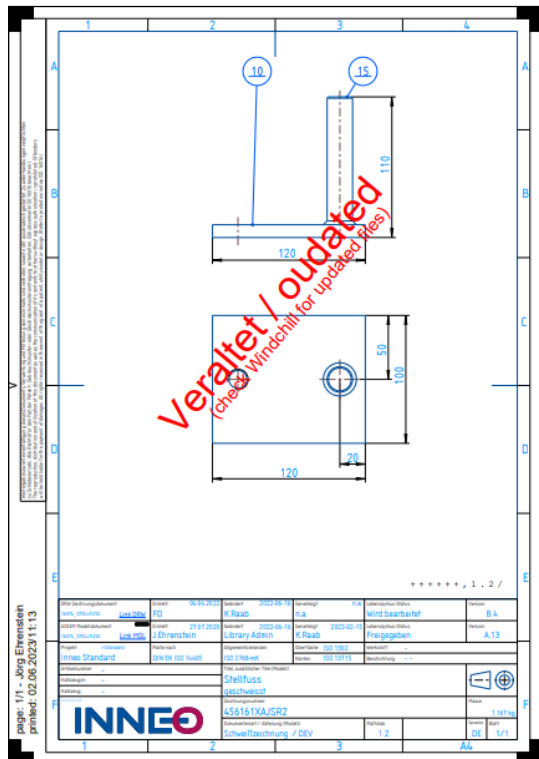
Dynamic stamping of PDF files

When "leaving" (export, download, open, ..) the Windchill system

Viewer, Download, Export

For PDF: Drawings and documents

File Name	Versio...	LC-Status	State
16374_adj_foot.drw	D.1	● ● ●	In Work
16374_adj_foot.drw	C.1	● ● ●	Released
16374_adj_foot.drw	B.6	● ● ●	Released
16374_adj_foot.drw	B.5	● ● ●	In Work
16374_adj_foot.drw	B.4	● ● ●	In Work



picture: Example of automatically stamped drawings depending on their history and lifecycle status

This bundle contains two plugins for data export:

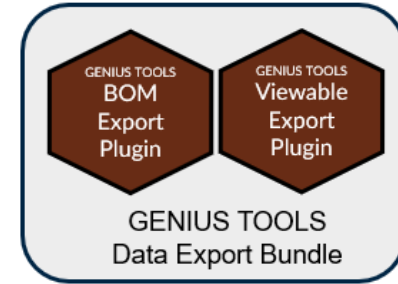
- GT Viewable Export

- Automatic export of neutral formats of 2D and 3D data to file system
- Download of complete drawing sets with one mouse click
- Post-process support for automated post-processing
- File naming based on Windchill attributes
- Integration into the approval process



- GT BOM Export

- Export bills of material into the file system
- Support of XML and ASCII formats
- Multiple bill of material format options
- Post-process support for automated post-processing
- Integration into the release process



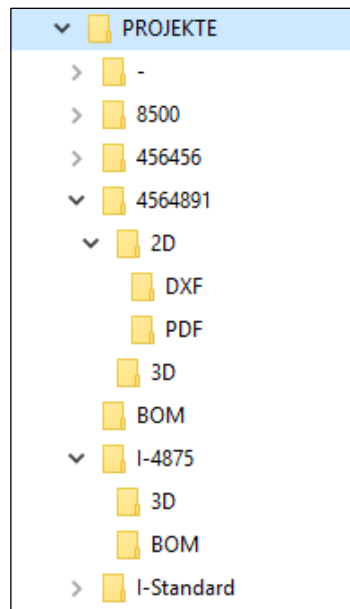
Automatic or manual export of neutral data

As a trigger automated for Windchill events

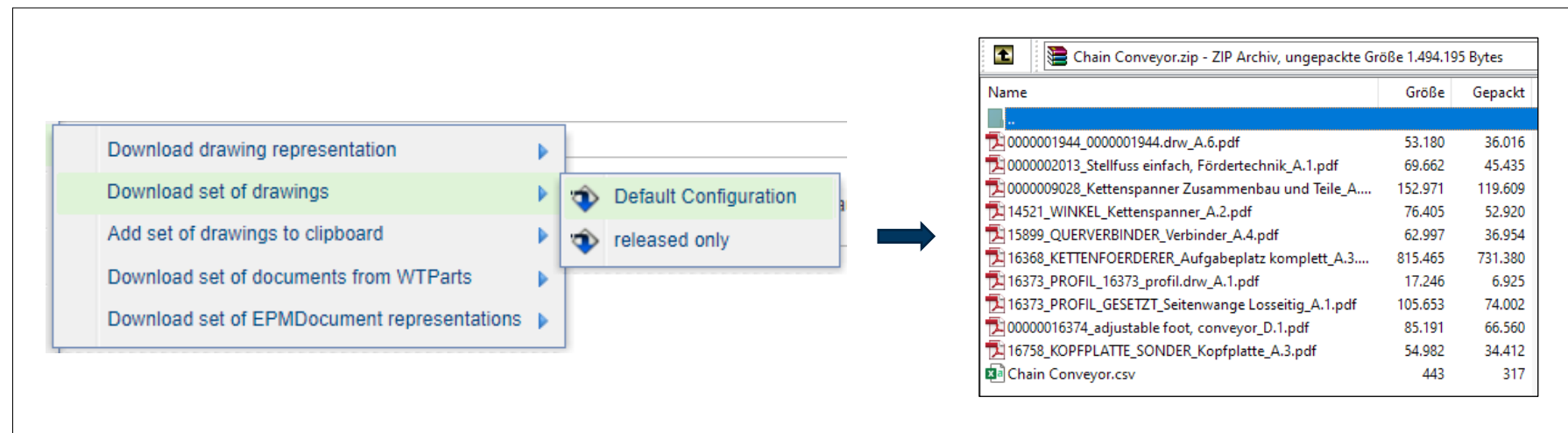
As an action on the "property page" of the Windchill object

Use of configurations and filters

The additional "PDF Stamp Plugin" stamps the drawing PDFs in the process



picture: Automatically generated export structure
(using object properties)



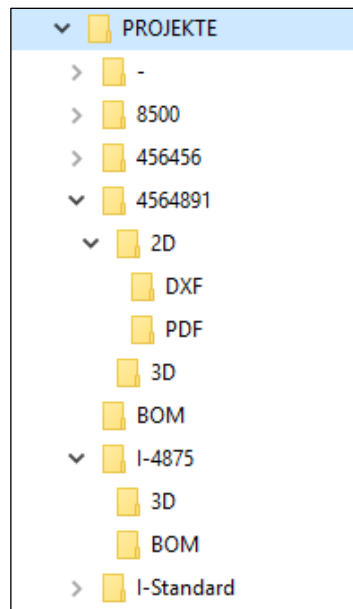
picture: Manually used function "Download drawing set" with generated ZIP file

Automatic or manual export of parts lists

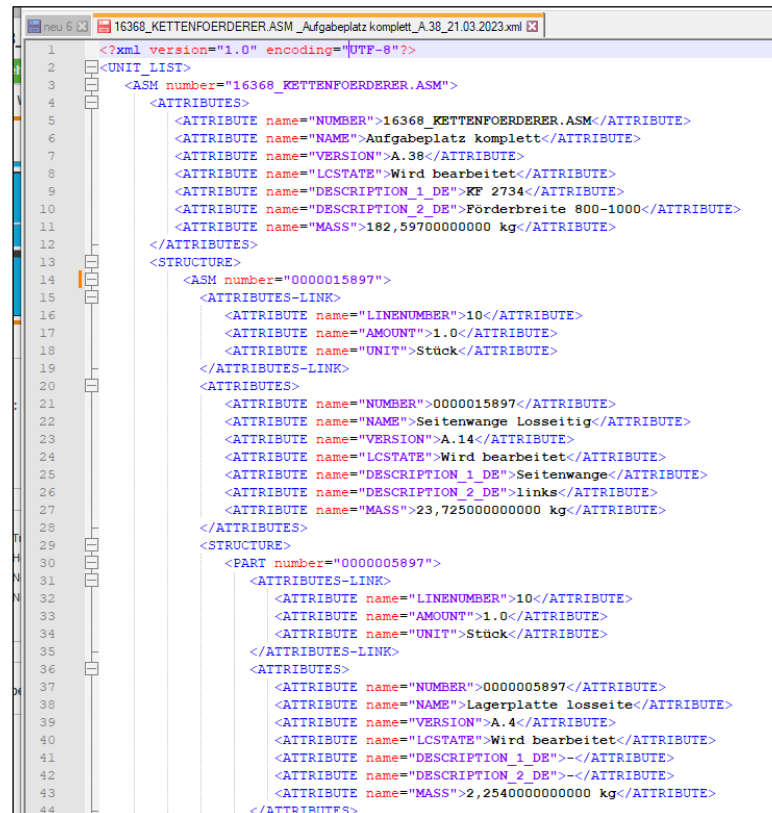
Easily configurable in the preference manager

XLT conversion possible as post process

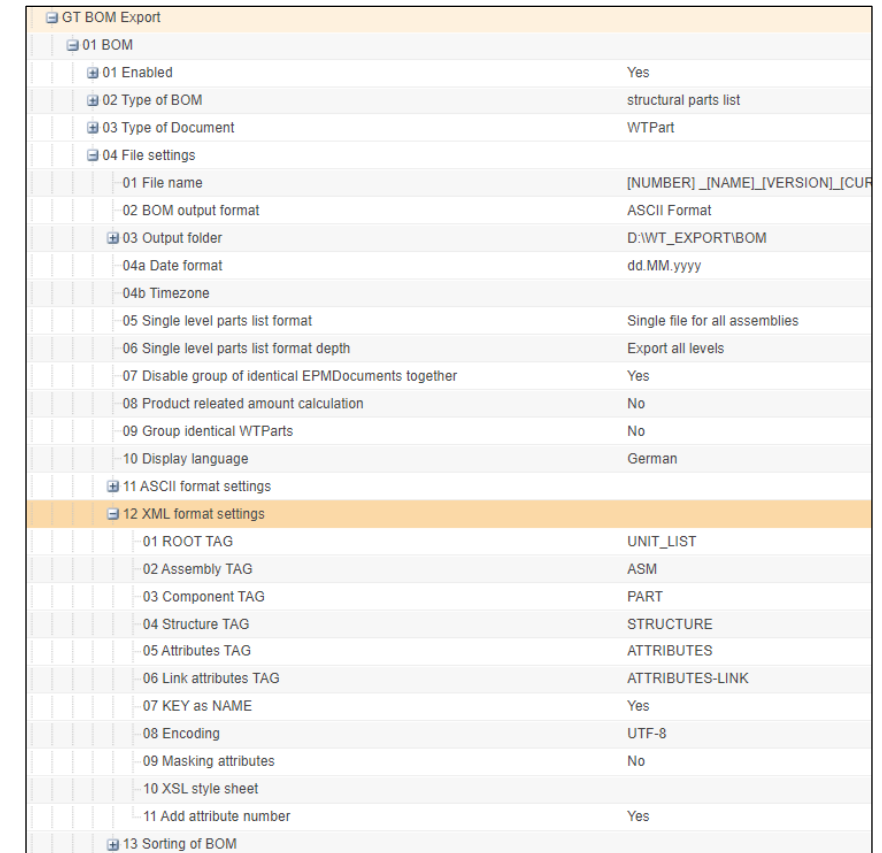
Postprocess possible afterwards



picture: Automatically generated export structure (using object properties)



picture: generated parts list as XML (CSV possible, too)



picture: extensive settings (excerpt)

This bundle contains two plugins for publishing:

- GT Enhanced Publishing

- Produce standard formats of Creo 2D and 3D data
 - 3D: STEP, IGES, Parasolid, STL
 - 2D: PDF, DXF, DWG, CGM, PLT, HPGL
- Set priorities of publishing jobs based on sophisticated filter criteria
- Directly integrated into the worker process, without additional application
- Lifecycle Dependent Format Configuration
- Support for multiple queues to separate 2D and 3D publishing



- GT Viewable Cleanup

- Cleaning up obsolete visualizations
- Free up hard disk space
- Controlled via the Windchill Task Scheduler
- Automated data maintenance in the background without further interactions
- Optimization of Windchill performance
- Preview of the "Cleanup" actions



Extensions for creating visualizations

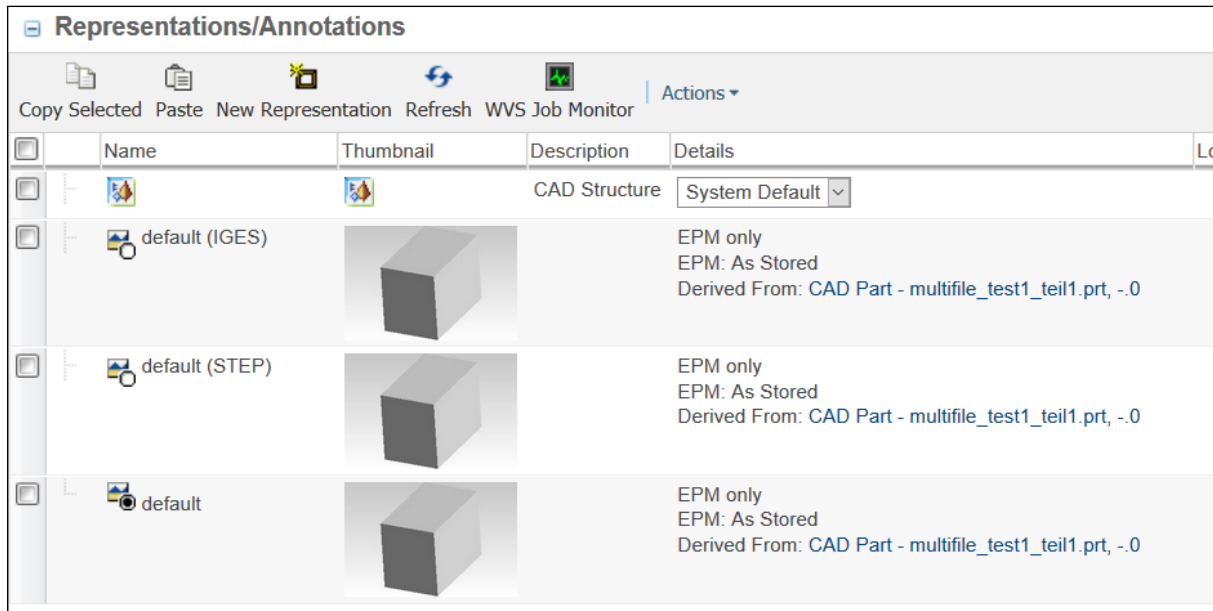
Automatic execution in the background (e.g. during revision)

Interactive execution

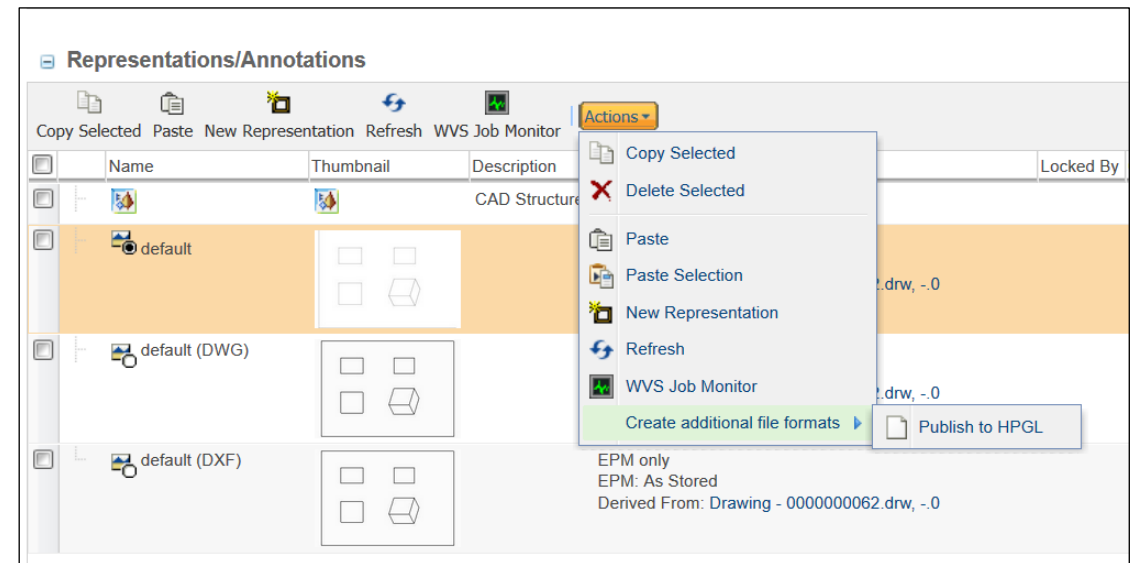
Complex set of rules and filters

Context-dependent setting options

Quickview Support



picture: automatic neutral data generation with preview



picture: interactive production

GT Viewable Cleanup Plugin

Extensions to remove unnecessary visualizations

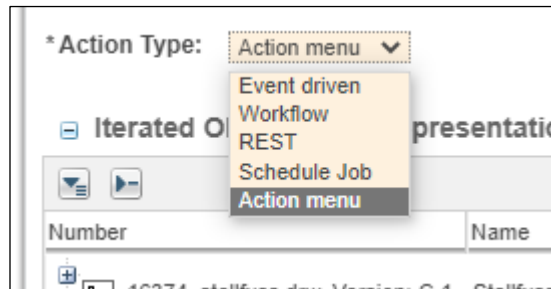
Automatic execution in the background (e.g., during revision)

Execution as Windchill Task

Interactive execution

Rest Call

Preview possible for all operations.



picture: Actions to start the „Cleanup“

A screenshot of the 'Interactive Viewable Cleanup' administrative preview. The table lists objects and their representations. The columns are: Number, Name, Thumbnail Navigation, Type, Default Configuration, State, and Context. The table contains multiple rows of data, including objects like '55441', '16374_adj_foot.dwg, Version: B.6', '456456', '4564561', '16374_adj_foot.dwg, Version: B.5', '16374_adj_foot.dwg, Version: B.4', '16374_adj_foot.dwg, Version: B.3', '16374_adj_foot.dwg, Version: B.2', '456454564', '16374_adj_foot.dwg, Version: B.1', '16374_adj_foot.dwg, Version: A.4', '16374_adj_foot.dwg, Version: A.3', '16374_adj_foot.dwg, Version: A.2', and '16374_adj_foot.dwg, Version: A.1'. The 'State' column shows various states like 'Released', 'In Work', 'Obsolete', and 'Iteration excluded'. The 'Context' column shows 'STANDARDS_DOORKEEPER'.

Number	Name	Thumbnail Navigation	Type	Default Configuration	State	Context
55441	55441		Derived Image			
default	default		Derived Image			
16374_adj_foot.dwg, Version: B.6	adjustable foot, conveyor		CAD Docum...	Iteration excluded	Released	STANDARDS_DOORKEEPER
456456	456456		Derived Image			
4564561	4564561		Derived Image			
default	default		Derived Image			
16374_adj_foot.dwg, Version: B.5	adjustable foot, conveyor		CAD Docum...		In Work	STANDARDS_DOORKEEPER
default	default		Derived Image	default*.batch*.schedule*		
16374_adj_foot.dwg, Version: B.4	adjustable foot, conveyor		CAD Docum...		In Work	STANDARDS_DOORKEEPER
default	default		Derived Image	default*.batch*.schedule*		
16374_adj_foot.dwg, Version: B.3	adjustable foot, conveyor		CAD Docum...		In Work	STANDARDS_DOORKEEPER
default	default		Derived Image	default*.batch*.schedule*		
16374_adj_foot.dwg, Version: B.2	adjustable foot, conveyor		CAD Docum...		In Work	STANDARDS_DOORKEEPER
default	default		Derived Image	default*.batch*.schedule*		
456454564	456454564		Derived Image	Representation name excluded		
16374_adj_foot.dwg, Version: B.1	adjustable foot, conveyor		CAD Docum...		In Work	STANDARDS_DOORKEEPER
default	default		Derived Image	default*.batch*.schedule*		
16374_adj_foot.dwg, Version: A.4	adjustable foot, conveyor		CAD Docum...	Iteration excluded	Obsolete	STANDARDS_DOORKEEPER
default	default		Derived Image			
16374_adj_foot.dwg, Version: A.3	adjustable foot, conveyor		CAD Docum...		In Work	STANDARDS_DOORKEEPER
default	default		Derived Image	default*.batch*.schedule*		
16374_adj_foot.dwg, Version: A.2	adjustable foot, conveyor		CAD Docum...		In Work	STANDARDS_DOORKEEPER
default	default		Derived Image	default*.batch*.schedule*		
16374_adj_foot.dwg, Version: A.1	adjustable foot, conveyor		CAD Docum...		In Work	STANDARDS_DOORKEEPER

picture: administrative preview of the cleanup action "Event driven"

This bundle contains four plugins for process support:

- GT Business Rules

- Create, edit, delete business rules through the Windchill user interface
- Enable and disable business rules as needed.
- "On the fly" review of change notifications, change tasks or increase requests
- The plugin comes with the following customizable rules:
 - BOM has line number rule
 - Part has document rule
 - Part document phase test
 - Part parent-child phase test
 - CAD drawing has the latest 3D model rule

- GT Invalidate

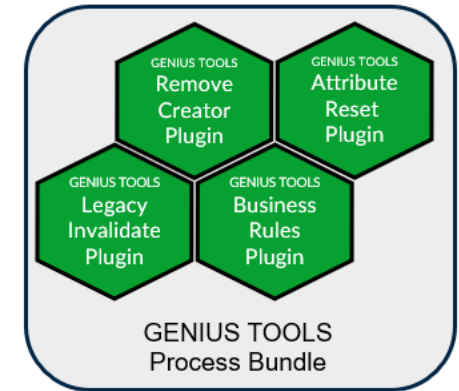
- Sets "old" released versions to another defined lifecycle status (e.g. invalid, obsolete, ...)
- Usable via a status change and/or a workflow

- GT Resetter

- Reset of defined attributes when "Revise" or "Save as"
- Valid for: WTPart, EPMDocument and WT Document

- GT Remove Creator

- Prevention of self-release in release- and change management
- Customizable for individual roles

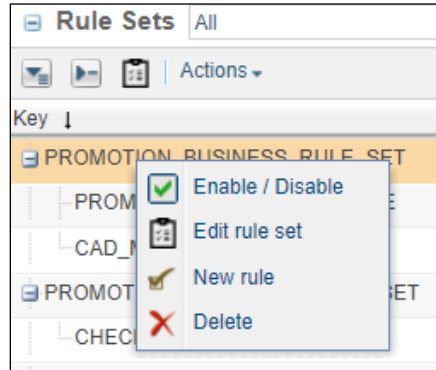


☒ _____

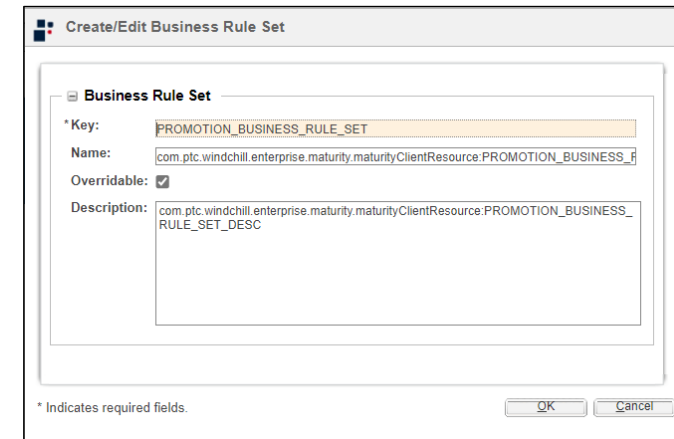
☒ _____

☐ _____

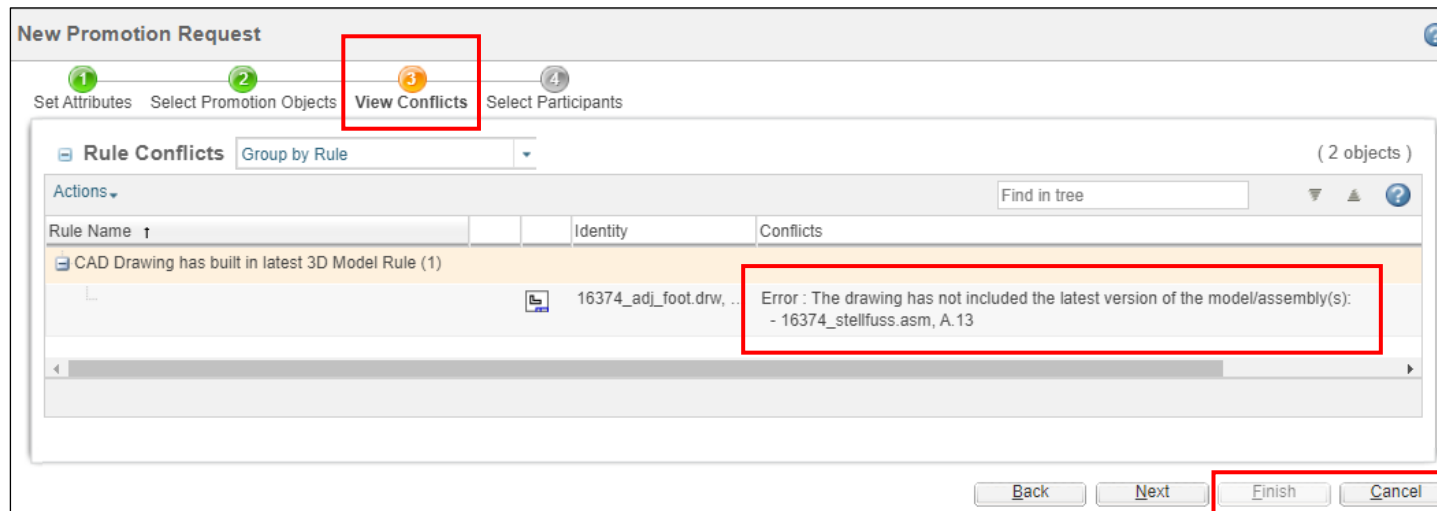
Enhancements in the UI of the rule sets and in the application



picture: additional actions the rule set editing



picture: Rule set editor



picture: Validation in the promotion request

Via an event or a workflow, existing "old" versions are automatically transferred to another defined life cycle

GT Invalidate		Change lifecycle state of previous versions on set state or promote
01 Enabled	Yes	Activates the Plugin in the selected context.
10 Configuration		Configuration of GT Invalidate
EPMDocument		EPMDocument
Activate Event Trigger	Yes	Activate/Deactivate Event Trigger for EPMDocuments
Activate Workflow Robot	No	Activate/Deactivate the workflow robot for EPMDocuments
State Mapping	RELEASED:OBSOLETE	State Mapping Released - Obsolete
WTDDocument		WTDDocument
WTPart		WTPart
99. Product Information		Information about this GENIUS TOOLS Product

picture: configurable in the preference manager (also on product / library level)

Version History A - released						Version History A - released					
		File Name	Versio...	State	LC-Status			File Name	Versio...	State	LC-Status
		16374_adj_foot.drw	D.1	In Work	●●●●			16374_adj_foot.drw	D.1	Released	●●●●
		16374_adj_foot.drw	C.1	Released	●●●●			16374_adj_foot.drw	C.1	Obsolete	●●●●
		16374_adj_foot.drw	B.6	Released	●●●●			16374_adj_foot.drw	B.6	Obsolete	●●●●
		16374_adj_foot.drw	B.5	In Work	●●●●			16374_adj_foot.drw	B.5	In Work	●●●●
		16374_adj_foot.drw	B.4	In Work	●●●●			16374_adj_foot.drw	B.4	In Work	●●●●
		16374_adj_foot.drw	B.3	In Work	●●●●			16374_adj_foot.drw	B.3	In Work	●●●●
		16374_adj_foot.drw	B.2	In Work	●●●●			16374_adj_foot.drw	B.2	In Work	●●●●
		16374_adj_foot.drw	B.1	In Work	●●●●			16374_adj_foot.drw	B.1	In Work	●●●●
		16374_adj_foot.drw	A.4	Released	●●●●			16374_adj_foot.drw	A.4	Obsolete	●●●●
		16374_adj_foot.drw	A.3	In Work	●●●●			16374_adj_foot.drw	A.3	In Work	●●●●
		16374_adj_foot.drw	A.2	In Work	●●●●			16374_adj_foot.drw	A.2	In Work	●●●●
		16374_adj_foot.drw	A.1	In Work	●●●●			16374_adj_foot.drw	A.1	In Work	●●●●

Release of D.1

picture: changed lifecycle status of previous versions after release of the highest version

When "Revise" or "Save As" is used, the contents of specified attributes will automatically:

- deleted (null) – for WTParts Attributes only
- set to a default value

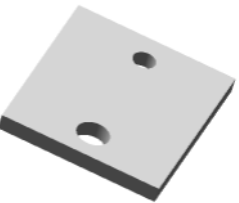
GT Resetter		Reset information on Revise or Save As
01 Enabled	Yes	Activates the Plugin in the selected context.
10 Configuration		Configuration of GT Resetter
New Revision		New Revision
Save As		Save As
EPMDocument		EPMDocument
Activated	Yes	Activated
Attributes	{ "com.ratc_de.DefaultEPMDocument" : { "PROJECT_NO" : "XXXXX", "PROJECT_SHORT" : null } }	Json String to reset attributes.
Master Attributes		Json String to reset master attributes.
WTDocument		WTDocument
WTPart		WTPart

picture: Configuration in the Preference Manager (also at product / library level)

Actions ▾ CAD Part - 16734_footplate.prt, A.5

Details Content Related Objects Changes History Historie und Baselines x Familie x Projektinfo

Visualization and Attributes | More Attributes



Visualization and Attributes

Number: 000016734 Name: footplate

File Name: 16734_footplate.prt

Naming DE: Fußplatte Description DE: -

LC-Status: ● ● ● Visualizations: stp

Created By: Jörg Ehrenstein Created On: 2023-06-02

Modified By: Jörg Ehrenstein Lib Last Modified: 2023-06-02

Checkin Comments: State: In Work - Under Review - Released - Obsolete

Object Specific

Naming: footplate Description: -

Projectname / -type: Inneo Standard Projectnumber: I-Standard

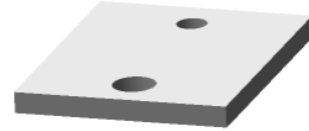
Category: 3

„Save As“
➔

Actions ▾ CAD Part - 45781_footplate.prt, A.1

Details Content Related Objects Changes History Historie und Baselines x Familie x Projektinfos x

Visualization and Attributes | More Attributes



Visualization and Attributes

Number: 000011009085.PRT Name: footplate

File Name: 45781_footplate.prt

Naming DE: Fußplatte Description DE: -

LC-Status: ● ● ● Visualizations: stp

Created By: Jörg Ehrenstein Created On: 2023-06-02

Modified By: Jörg Ehrenstein Last Modified: 2023-06-02

Checkin Comments: State: In Work - Under Review - Released - Obsolete

Object Specific

Naming: footplate Description: -

Projectname / -type: Inneo Standard Projectnumber: XXXXX

Category: 3

picture: automatically changed attributes after a "Save as" action (project name "nulled" and project number set to "XXXXX")

Removal of the applicant from the decision roles of a workflow

- In promotion requests
- In change management
- Configurable in the preference manager

Participant List Members By Role			
Participant ↑		Approver	Reviewer
	Library Manager	<input type="checkbox"/>	<input type="checkbox"/>
	Frank Deichmann	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Jörg Ehrenstein	<input type="checkbox"/>	<input type="checkbox"/>
	Jörg Ehrenstein Lib	<input type="checkbox"/>	<input type="checkbox"/>
	Klaus Raab	<input type="checkbox"/>	<input type="checkbox"/>

picture: Only the applicant is the reviewer and approver



Auf windchill13.ratc-de.com wird Folgendes angezeigt:

ATTENTION:

Add another user for the role: REVIEWER

Ok

picture: Application cannot be made as only the applicant (who is removed) is registered as an examiner

Participant List Members By Role			
Participant ↑		Approver	Reviewer
	Library Manager	<input type="checkbox"/>	<input type="checkbox"/>
	Frank Deichmann	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Jörg Ehrenstein	<input type="checkbox"/>	<input type="checkbox"/>
	Jörg Ehrenstein Lib	<input type="checkbox"/>	<input type="checkbox"/>
	Klaus Raab	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

picture: The applicant and a colleague is the reviewer and approver

Process flow



Process Status			
	Name	Assignee	Role
	review promotion	Klaus Raab	Reviewer

picture: The applicant is removed from the process

This bundle contains four plugins for administration:

- GT Admin Tools

- GT Admin Tools consists of various useful Windchill administration tools. It supports with system maintenance and/or system expansion:
 - ACL utility to get access rights
 - Reassign Lifecycle Utility
 - Enumeration Details Tables showing the internal and translated values for lifecycle states and roles
 - Context push to copy ACLs or roles from one context to another
 - Enumeration generator to generate a partial load file for a global enumeration



- GT Windchill Export / Load

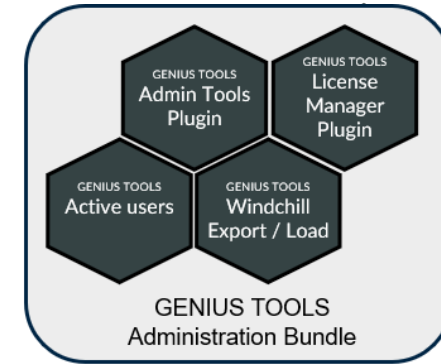
- Export and import of Windchill business configuration
- For transferring a configuration e.g., from a test system to the production system

- GT Windchill License Manager

- simplified administration of allocation of Windchill licenses

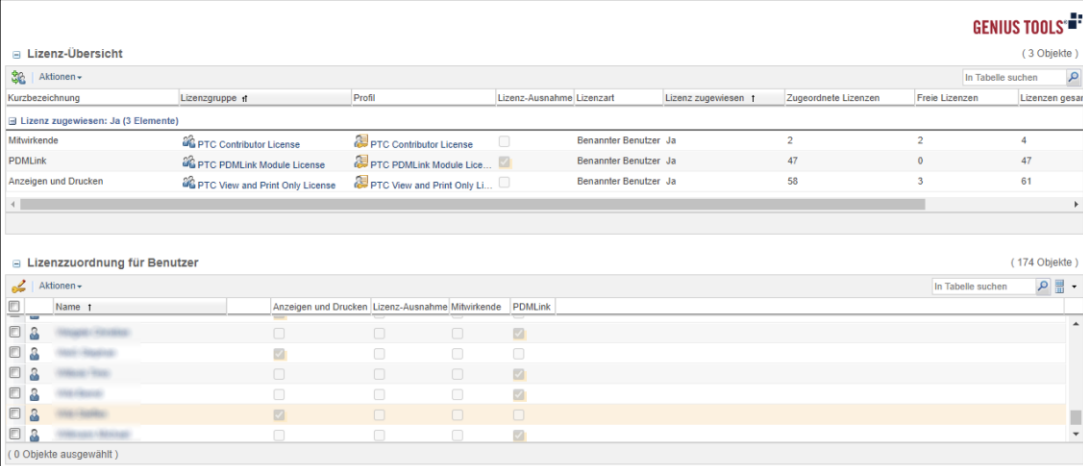
- GT Active Users

- Simplifies the display of logged-in users in Windchill.
- The information has a delay depending on the Apache session timeout.



This bundle contains four plugins for administration:

- GT Windchill License Manager Plugin
 - simplified administration of allocation of Windchill licenses
- GT Active Users Plugin
 - simplifies the display of logged-in users in Windchill.
 - The information has a delay depending on the Apache session timeout.

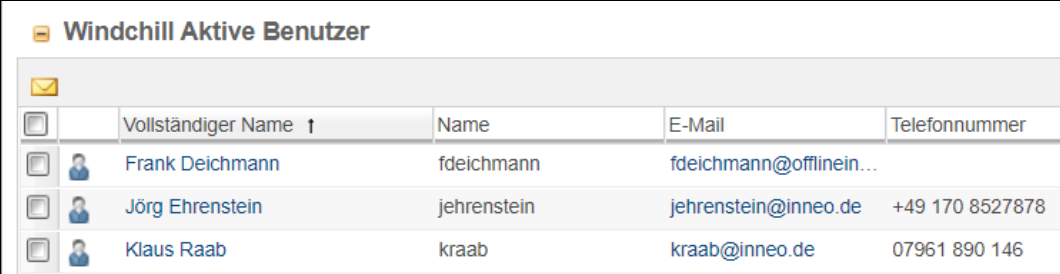


The screenshot displays the 'Lizenz-Übersicht' (License Overview) and 'Lizenzzuordnung für Benutzer' (License Assignment for Users) sections of the License Manager. The top section shows a table of licenses with columns for 'Kurzbezeichnung', 'Lizenzgruppe', 'Profil', 'Lizenz-Ausnahme', 'Lizenzart', 'Lizenz zugewiesen', 'Zugeordnete Lizenzen', 'Freie Lizenzen', and 'Lizenzen gesamt'. The bottom section shows a table for user assignments with columns for 'Name', 'Anzeigen und Drucken', 'Lizenz-Ausnahme', 'Mitwirkende', and 'PDMLink'.

Kurzbezeichnung	Lizenzgruppe	Profil	Lizenz-Ausnahme	Lizenzart	Lizenz zugewiesen	Zugeordnete Lizenzen	Freie Lizenzen	Lizenzen gesamt
Mitwirkende	PTC Contributor License	PTC Contributor License	<input type="checkbox"/>	Benannter Benutzer Ja	2	2	4	
PDMLink	PTC PDMLink Module License	PTC PDMLink Module License	<input checked="" type="checkbox"/>	Benannter Benutzer Ja	47	0	47	
Anzeigen und Drucken	PTC View and Print Only License	PTC View and Print Only License	<input type="checkbox"/>	Benannter Benutzer Ja	58	3	61	

Name	Anzeigen und Drucken	Lizenz-Ausnahme	Mitwirkende	PDMLink
Frank Deichmann	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Jörg Ehrenstein	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Klaus Raab	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Frank Deichmann	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jörg Ehrenstein	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Klaus Raab	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

picture: License-Manager



The screenshot displays the 'Windchill Aktive Benutzer' (Windchill Active Users) interface. It shows a table with columns for 'Vollständiger Name', 'Name', 'E-Mail', and 'Telefonnummer'. The table lists three active users: Frank Deichmann, Jörg Ehrenstein, and Klaus Raab.

Vollständiger Name	Name	E-Mail	Telefonnummer
Frank Deichmann	fdeichmann	fdeichmann@offlinein...	
Jörg Ehrenstein	jehrenstein	jehrenstein@inneo.de	+49 170 8527878
Klaus Raab	kraab	kraab@inneo.de	07961 890 146

picture: Overview of registered users

- GT Admin Tools Plugin
 - GT Admin Tools consists of various useful Windchill administration tools. It supports in system maintenance and / or system expansion:
 - ACL utility to export/import access rights to Excel
 - Advanced utility to reassign lifecycle
 - Enumeration Details Tables showing the internal and translated values for lifecycle states and roles
 - Context push to copy ACLs or roles from one context to another
- GT Windchill „Export / Load“ Plugin
 - Export and import of Windchill business configuration
 - For transferring a configuration, e.g. from a test system to the production system

Settings	Series	Type	Enumeration	Rel. Constraint	Group	Task	Workflow	Lifecycle	OIR	ACL	Association	Business Rules	Preference	Container	Report	Report Template
Preferences																
✓	✗	Actions														
<input type="checkbox"/>	Export...	Locked	Value	Container Type	Container Name	Preference Description	Last Modified	Internal Name								
<input type="checkbox"/>	<input type="checkbox"/>		default*, ExtraFormat*	Site	Site	Determines the representation (name).	2023-01-25 10:17 CET	com.geniustools.wta.openvis.epmdocument.representa								
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	true	Site	Site	Activates the default representation what is done...	2023-01-20 13:33 CET	com.geniustools.wta.openvis.wtdocument.default_repre								
<input type="checkbox"/>	<input type="checkbox"/>		false	Site	Site	Activates the default representation what is done...	2023-01-20 13:26 CET	com.geniustools.wta.openvis.wtpart.default_representa								
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NEVER	Container	Import-Projekt	Specifies whether a new part should be created i...	2023-01-20 10:42 CET	CreateAssociateNewWTPart								
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NEVER	Container	Import-3524612	Specifies whether a new part should be created i...	2023-01-20 10:32 CET	CreateAssociateNewWTPart								
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PDF	Site	Site	The default format is used on the details' page to...	2023-01-20 09:29 CET	geniustools.wta.enhancedpublishing.CADDRAWING.D								

picture: Export function (using the “preferences” as an example)

Packaging

The bundles have different price models

- GT Usability Bundle

- Is automatically included "free of charge" from the first bundle purchased

- GT Administration Bundle

- Is licensed for two servers (e.g. productive and test system)

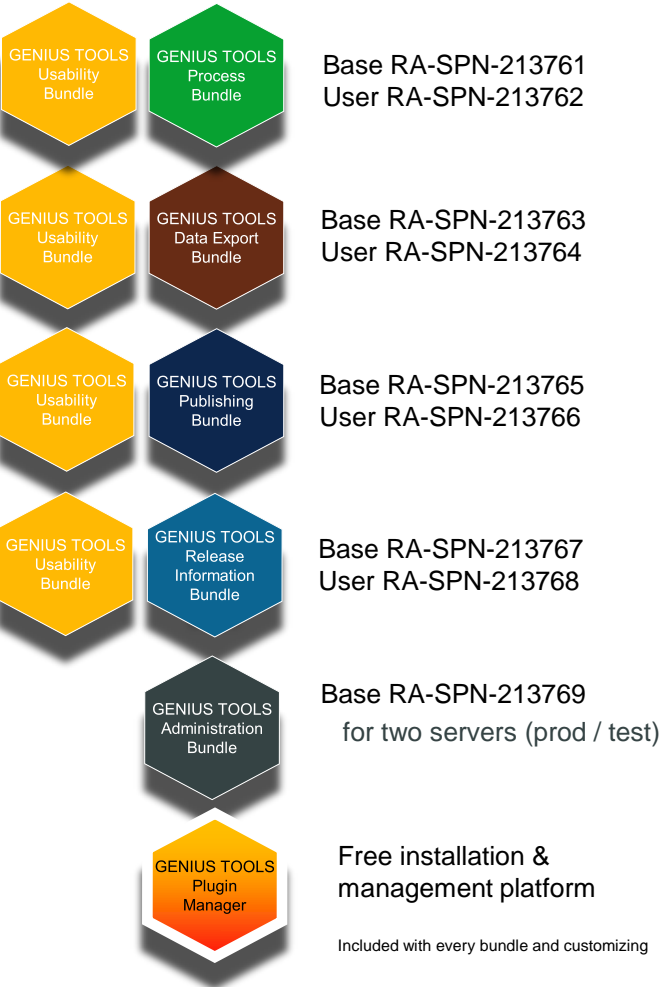
- GT Export, Release Information, Process.... Bundle

- with a "Base" license for the server
- with one "User" license per user in the Windchill system with the Windchill access licenses:
 - Author
 - Heavy-User
 - Base
 - Advanced
 - Premium

The bundles are also available as combined packages

Package overview

Single-Bundles



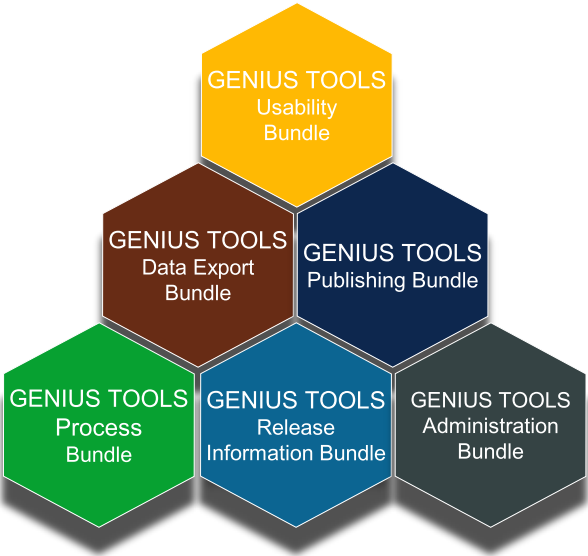
License model: Base, User / year

GENIUS TOOLS for Windchill



Base RA-SPN-213770
User RA-SPN-213771

GENIUS TOOLS for Windchill Enterprise



Base RA-SPN-213772
User RA-SPN-213773

Technical information

INNEO GENIUS TOOLS for Windchill 8.1.0 are available for:

- Windchill PDMLink Version (check Matrix for CPS Version):
 - 12.0.2
 - 12.1.2
 - 13.0.2
- Windchill Databases:
 - MS-SQL
 - Oracle
- Server operating system
 - MS Windows Server
 - Linux

INNEO GENIUS TOOLS for Windchill are not available for clustered environments

Thank you for your attention!



INNEO[®]
That's IT.