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GENIUS TOOLS®

GENIUS TOOLS Starter

Release 8.0.1.0

Release information

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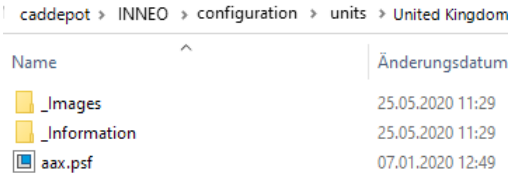
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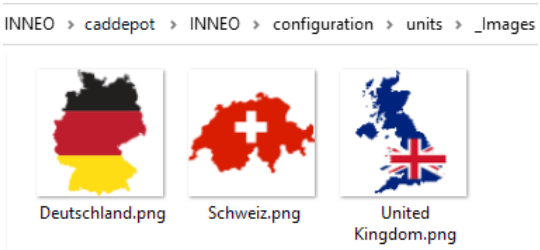
1 Important information

GENIUS TOOLS Starter: Copying of unit pictures to new Images folder necessary

The folder *_Images*, which contains images for the displaying a unit in GENIUS TOOLS Starter App, is no longer located below the respective unit (here: United Kingdom), but is as of version 8.0.0. located below the *units* directory and contains the images of all units. The PNG files have to be moved manually from the old to the new images folder.



Previous location in an individual unit (here: UK)



New location in the units directory

Different functionality depending on license type

Starting with version 6.0.1, perpetual licenses and subscription licenses come with different product functionality. The following functions will only be available with a subscription license.

The following functions are available with a subscription license for GENIUS TOOLS Starter.

Release	Subscription function / module	Description
6.0.1.0	Dynamic access to Windows user management with LDAP/Active Directory (lightweight directory access protocol)	Creates access to Windows user management and enables live queries so that user assignment is always up-to-date. Users thus do not have to be created and maintained manually. ⇨ Less maintenance work
6.0.1.0	Configuring units	Adds a group element (“unit”) that can easily reflect complex configurations such as for company sites and

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Release	Subscription function / module	Description
		units. ⇨ Easier configuration for companies with many sites and/ or units ⇨ Allows for a reduction of projects
6.0.1.0	Access to directory “users”	Adds a group element (“users”) that can easily reflect complex configurations for many users. ⇨ Less maintenance work
7.0.0.0	Selecting Creo startkey when starting a project	Provides a project with a choice from several Creo startkeys (start command that opens Creo with a defined license package). Users can start a project with a default startkey or select another one when opening a project in GENIUS TOOLS Starter App. ⇨ Allows the reduction of projects
7.0.0.0	Apps projects	Creates projects that run on any other program. Assigning a project directory and batch files is possible. ⇨ GENIUS TOOLS Starter App can be made the central access point for users.
7.0.1.0	Operating satellites in GENIUS TOOLS Starter Service	Enables the connection of satellite servers to a main server and their automatic synchronization. ⇨ Faster connection of user computers to a synchronized satellite server ⇨ Reducing queries from network to main server
7.0.1.0	Edit and compare config.pro blocks	Release-dependent config.pro editor and graphic comparison tool ⇨ Quick overview, comparison and editing of project-related config.pro blocks (config_*.pro files)
7.0.2.0	Company-specific	Start projects can be put together in defined project

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Release	Subscription function / module	Description
	project collections	groups by the administrator. ⇨ In many projects, these can be structured according to your own requirements.
8.0.0.0	Selectable project options	Projects can be started with multiple, individually defined config.pro blocks, e. g.for license extensions or additional programs.
8.0.1.0	Reproducing organization structure with units and subunits	Subordinate units (subunits) can be created to provide additional configuration levels for project settings. ⇨ Better mapping for locations, subunits etc. and the resulting complex project configurations ⇨ Allows for further reduction of projects
8.0.1.0	Combined project options	Users can select a project option in GENIUS TOOLS Starter App, which activates multiple configuration options which are located in different directories and configuration levels, e. g. for license extensions and add-on applications. ⇨ Number of projects can be minimized

Warning: If you are using mixed licenses (perpetual and subscription) and configure functionality that is limited to subscription licenses, the projects in GENIUS TOOLS Starter App will no longer start if there is no subscription license available.

Environment variables for use in mapkeys (new feature in version 6.0.2.0)

Starting with version 6.0.2.0 variables in configuration files are resolved. This means mapkeys that use environment variables with path specifications do not function anymore.

We therefore introduced new variants of environment variables to which escape characters are added. This prevents the variables from being erroneously resolved in mapkeys and so their use can be continued in mapkeys and elsewhere. The new variables have the suffix *_ESCAPED*:

– GTS_DATA_ESCAPED

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– GTS_ROOT_DIR_ESCAPED

– GTS_SERVER_DIR_ESCAPED

– GTS_SERVERONLY_DIR_ESCAPED

– GTS_PLOT_CONFIG_DIR_ESCAPED

– GTS_TRAIL_DIR_ESCAPED

– GTS_USER_CONFIG_DIR_ESCAPED

– GTS_UNIT_DIR_ESCAPED

Changes to the configuration concept starting with version 6.0.1.0

In Version 6.0.1.0 the way configuration files determine project settings has changed.

Configuration changes for all license types
All files that were previously used from the ..*configuration**projects* directory now have to be placed in the ..*configuration**standard* directory. This affects batch files (*start/stop*.bat*), Creo configuration files (*config_*.pro/sup; *.ui*), and GENIUS TOOLS for Creo configuration files (*.*cfg*).

All files under ..*configuration**projects* will be copied to ..*configuration**standard* when you update from version 6.0.0 or migrate from a 20xx version. The entry in the *gt_main.cfg* under ..*apps**gtfc**conf* will be set to *gt_conf_unit=%GTS_ROOT_DIR%\configuration\standard*.

Please note: Remember to check the *gt_main.cfg* after the update if you are not using a default installation.

Warning: Check your batch files for references to the directory ..*configuration**projects* and change them to ..*configuration**standard*.

The directory structure of an operating environment will contain the following new directories.

..\configuration\standard	Purpose and content match the previous ..*configuration**projects* directory.
..\configuration\units	Can contain a subdirectory for each unit that houses additional batch and configuration files.
..\configuration\users	Can contain a subdirectory for each user (the directory name is the Windows user

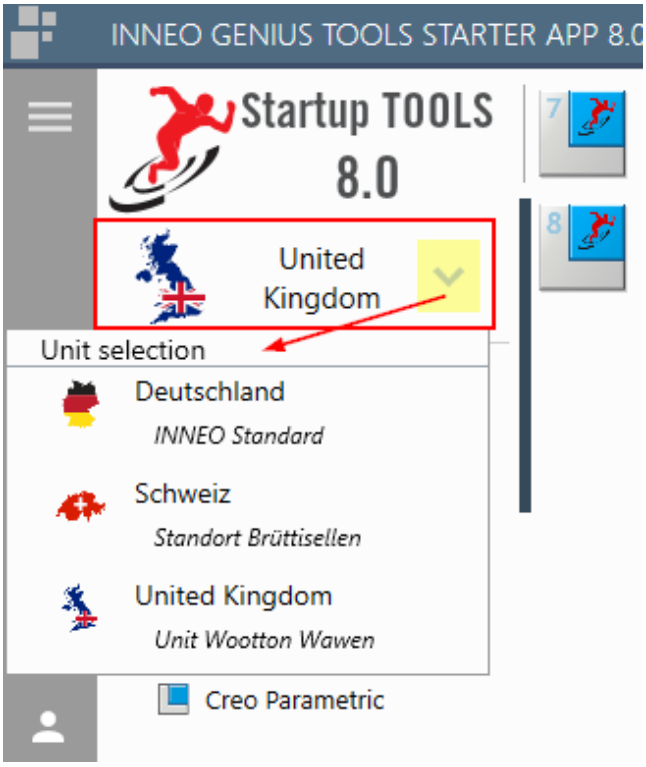
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name) that houses additional batch and configuration files.

Configuration using units for subscription licenses

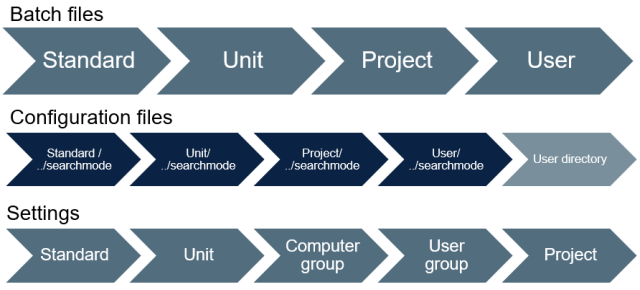
If you are using a subscription license, you can configure two additional layers for batch files and Creo configuration files: Units and Users. In larger installations, this makes it easier to configure different settings for different locations or business units.

A unit can be used to represent different concepts such as geographical or team assignment. If a user has access to multiple units, they can select their unit in the GENIUS TOOLS Starter App.



Unit selection

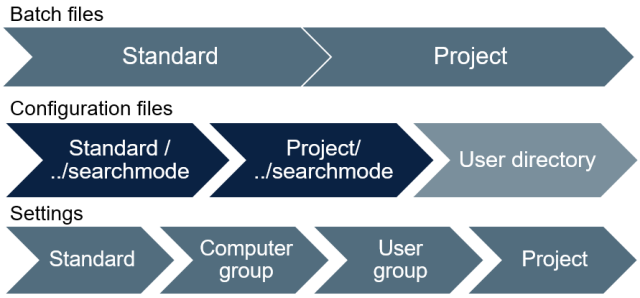
The following figure shows a schematic representation of the new configuration concept.



Configuration concept from 6.0.1

For reference, this is a schematic representation of the previous concept.

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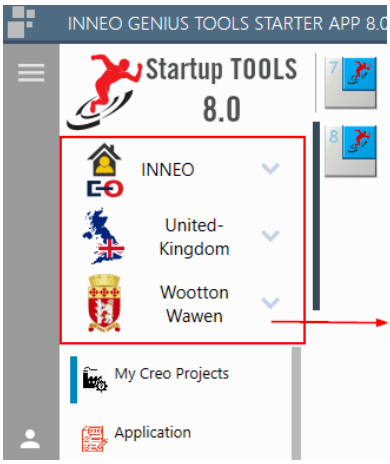
Configuration concept 6.0.0

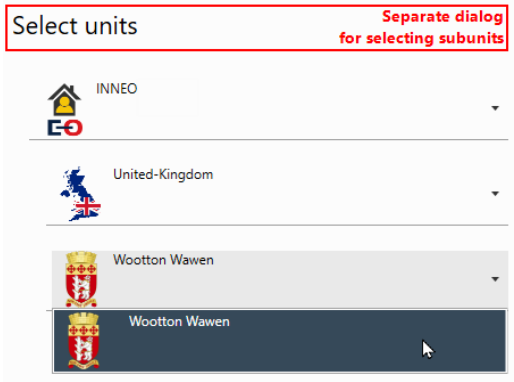
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2 New features in version 8

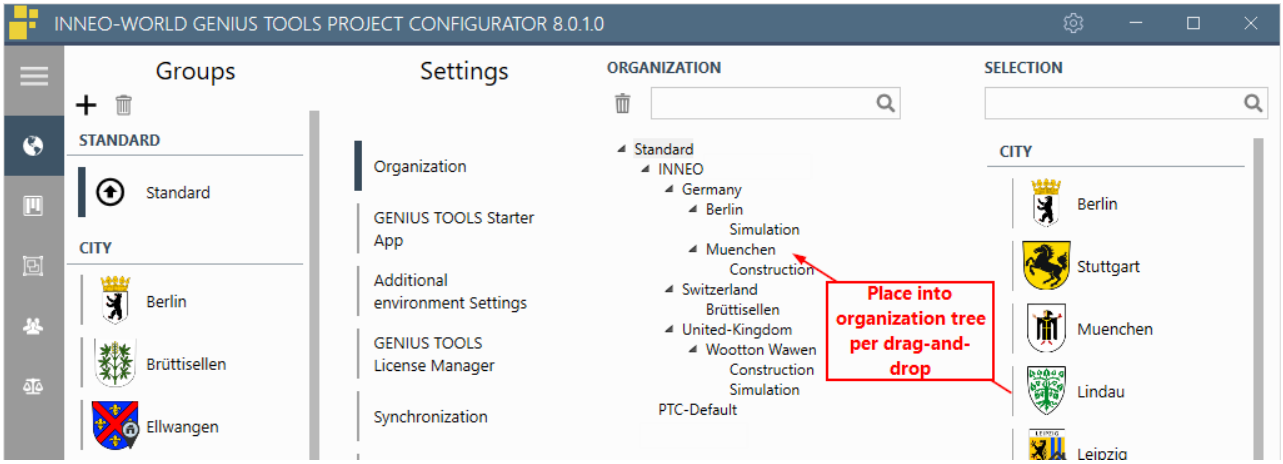
GENIUS TOOLS Starter: Representing organization structure with subunits (8.0.0.1)

In addition to units, you can now create subordinated units, i. e. subunits. If users can select subunits in **GENIUS TOOLS Starter App,** the selection field will open a separate dialog that displays all subunits.





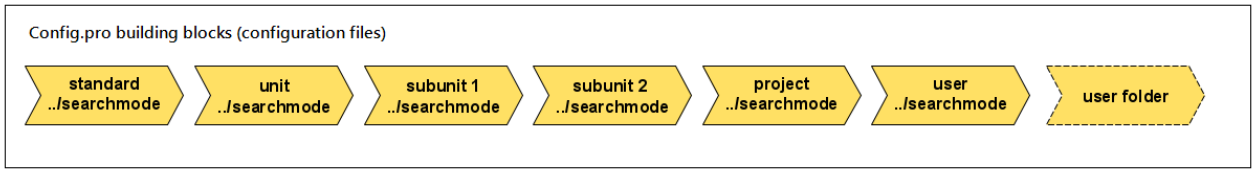
There is a new method available in **GENIUS TOOLS Project Configurator** that enables the mapping of the organizational structure. In the *Standard* group (global settings) administrators can build an organization tree by select a unit in the right pane and dragging it to the desired position in the tree. By placing a unit below a unit, a subunit is automatically created.



Subunits can, for example, represent locations and subdepartments, and are therefore suitable for companies with complex structures.

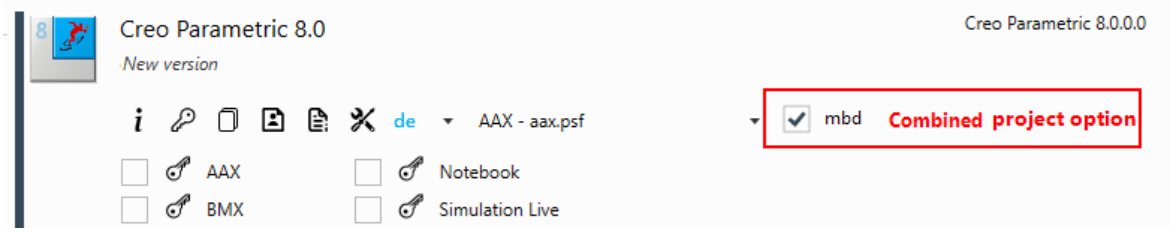
If you work with subunits, the call hierarchy for config.pro blocks will change as follows:

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GENIUS TOOLS Starter App: Using combined project options (8.0.1.0)

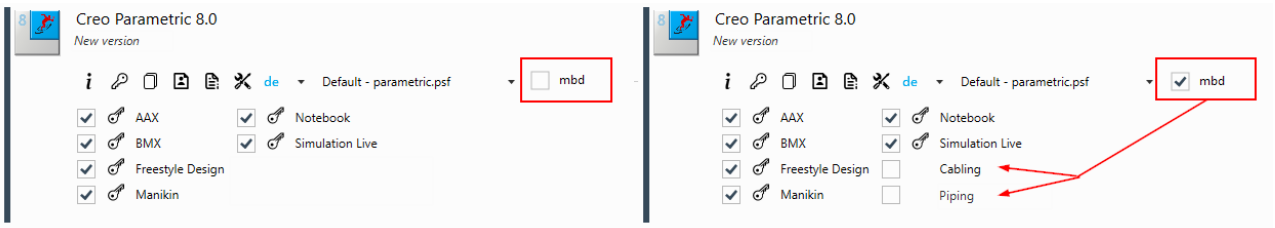
Combined project options are configuration options, license extensions and/or add-on programs that users can activate in a project.



Combined project options offer possibilities that single project options cannot:

– With one click, several configuration options that are located in different folders and configuration levels can be activated.

– After selecting a combined project option, further individual project options can be made available to users.



Before selecting the combined project option mbd

After selection of the combined project option mbd

GENIUS TOOLS Starter: Using tag IDs (8.0.1.0)

A tag ID is a textual marker recognized by GENIUS TOOLS Starter. By adding a tag ID to a config.pro block, the block's validity can be restricted to the fulfillment of conditions – it thus becomes a *conditional* config.pro block.

There are two types of tag IDs:

1. **Unit tag IDs** restricts configuration settings to a unit, i. e. users have to select a certain unit in GENIUS TOOLS Starter App to activate the config.pro block. The notation is *config_*.UnitTagID.pro*, for example *config_mbd.berlin.pro*.
2. **Free tag IDs** restrict configuration settings to a project option of the same name. Users have to select a certain combined project option in GENIUS TOOLS Starter App

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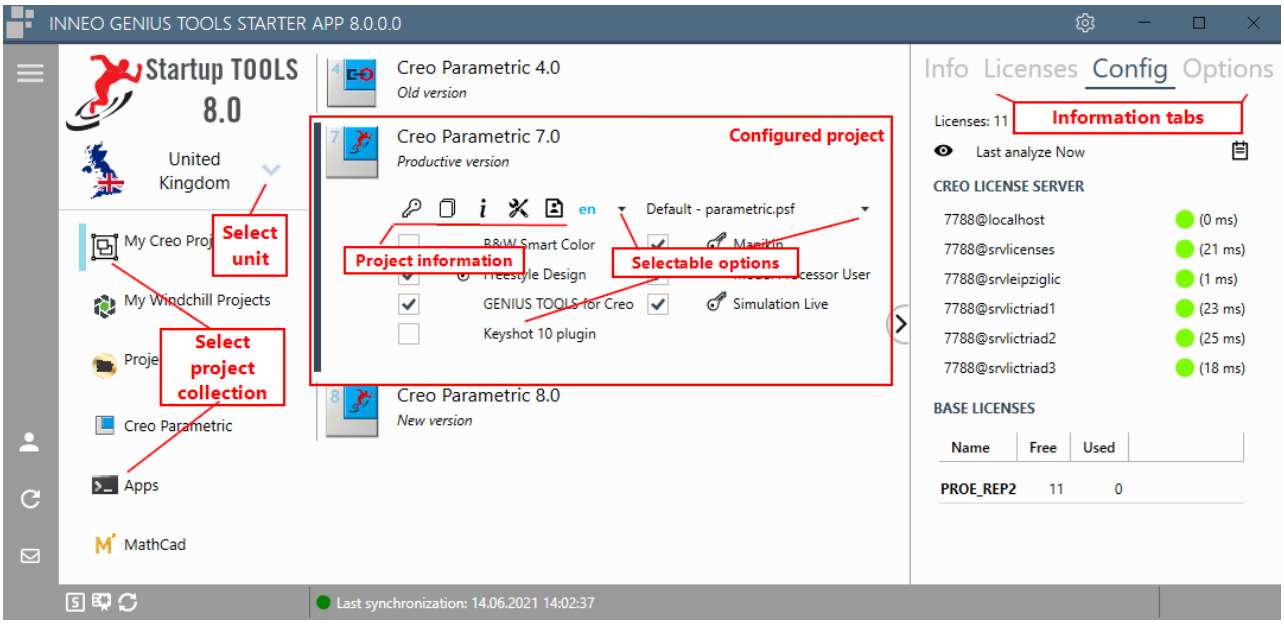
to activate the config.pro block. The notation is *config_*.FreeTagID.pro*, for example *config_lic.mbd.pro*.

GENIUS TOOLS Starter App: Messages from administrator can be reread (8.0.1.0)

New messages no longer open automatically when starting GENIUS TOOLS Starter App. Instead, the existence of new messages is indicated by a red number on the letter symbol. After having opened a messages from the administrator users can read them again. Old messages and the quantity thereof are displayed in gray. 

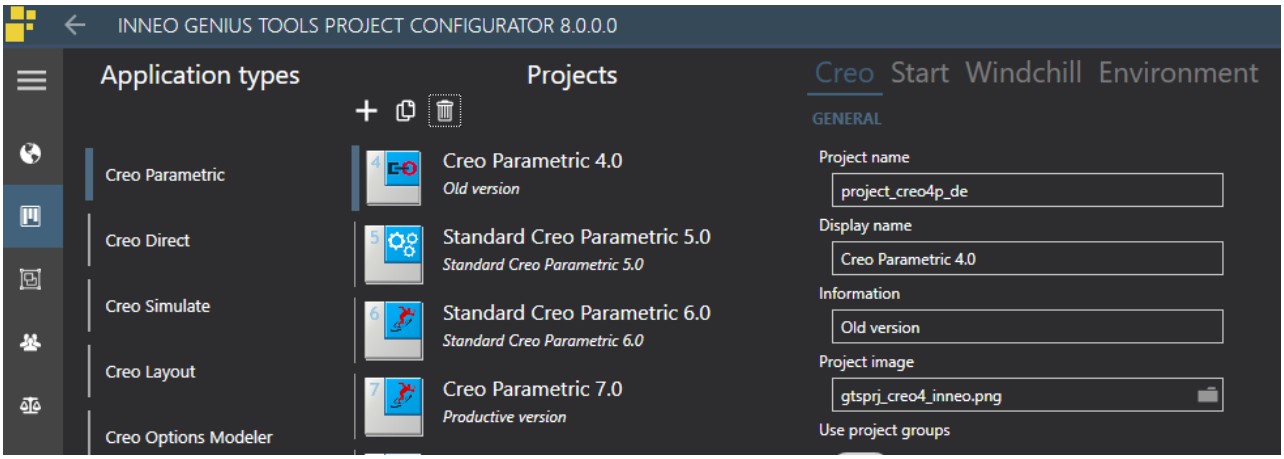
GENIUS TOOLS Starter: Revised user interface design (8.0.0.0)

The user interfaces of all components of GENIUS TOOLS Starter has been updated to better display the selection options of a project as well as the user affiliation to a unit. A light and a dark design are available.



GENIUS TOOLS Starter App in light design

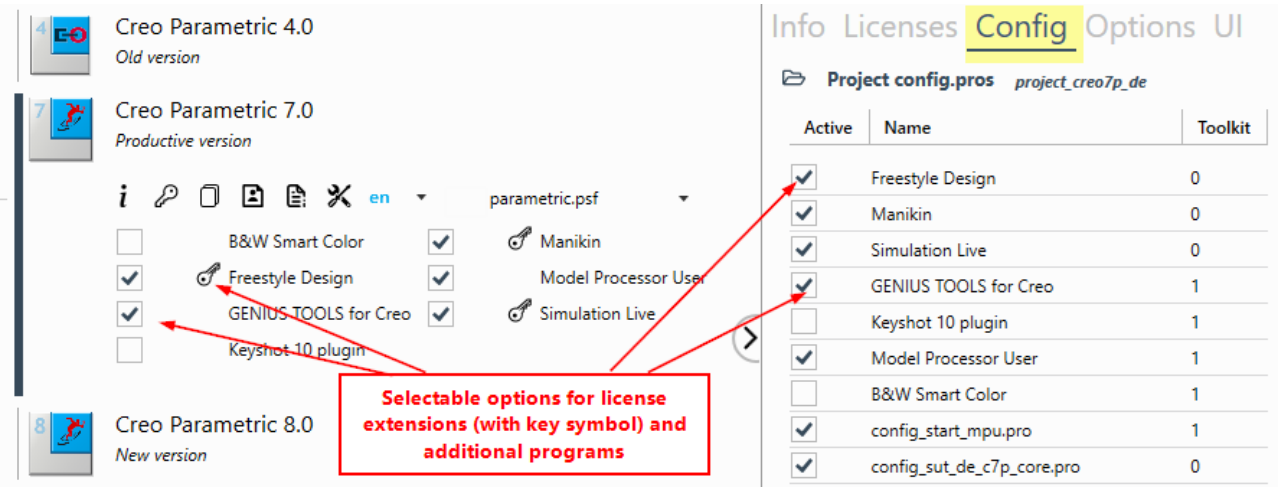
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GENIUS TOOLS Project Configurator in dark design

GENIUS TOOLS Starter App: Selectable options for license extensions and additional programs (8.0.0.0)

The user component GENIUS TOOLS Starter App now offers checkboxes to opt for additional configuration (Config.pro building blocks) when starting Creo, e. g. for specifying license extensions and additional programs (toolkit applications). Access and display of the configuration options is set by creating files in the Standard directory (global system settings) or in the unit, project directory or user directories. See chapter *Defining project options* in the GENIUS TOOLS Starter manual under *Settings for GENIUS TOOLS Starter App*.



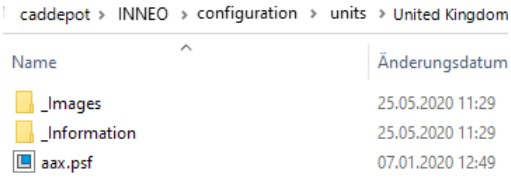
GENIUS TOOLS Starter Service: Password protection for website (8.0.0.0)

Access to the website which displays status and content of all satellites is protected by a password. To change the standard password *admin*, enter the command `service.admin.pwd = nameofpassword` in the configuration file of the main server (*gt_service_<mainservername>.cfg)*. See chapter *Working with satellites* in the installation manual of GENIUS TOOLS Starter.

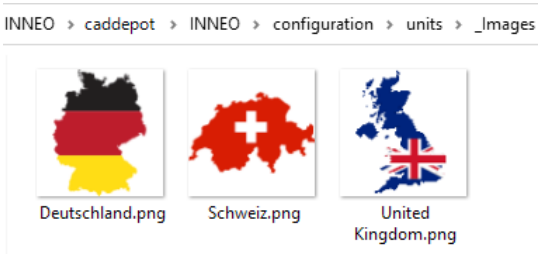
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GENIUS TOOLS Starter: Location of Images folder has changed (8.0.0.0)

The folder *_Images*, which contains images for the displaying a unit in GENIUS TOOLS Starter App, is no longer located below the respective unit (here: United Kingdom), but is now located below the *units* directory and contains the images of all units. The PNG files have to be moved manually from the old to the new images folder.



Previous location in an individual unit (here: UK)



New location in the units directory

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