

GENIUS TOOLS[®] 

GENIUS TOOLS Starter

Release 6.0.2.0

Release information

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1 Important information

Different functionality depending on license type (6.0.1.0)

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

At the moment, the following functionality is limited to subscription licenses:

- Configuring Units
- Accessing the Windows user management (LDAP /Active Directory)

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.

Changes to the configuration concept (6.0.1.0)

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.

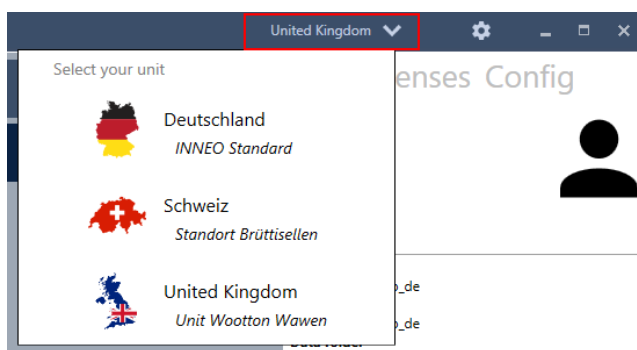
Directory	Comment
<code>..\configuration\standard</code>	Purpose and content match the previous <code>..\configuration\projects</code> directory.

..\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 name) that houses additional batch and configuration files.

Configuration using units for subscription licenses

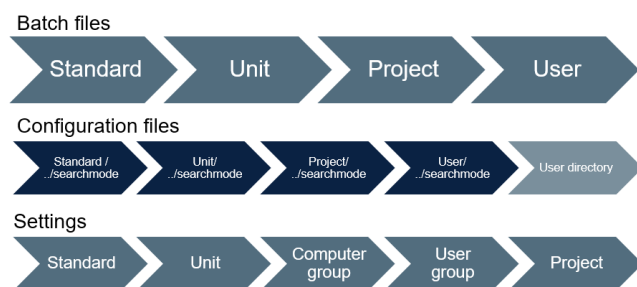
If you are using a subscription license, you can configure two additional layers for batch files and Creo configuration files: Unit and User. In larger installations, this makes it easier to configure different settings for different locations or business units.

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.



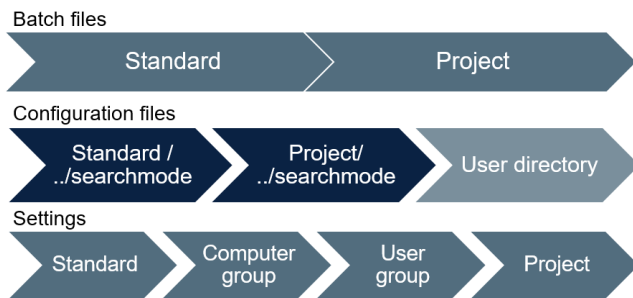
Unit selection

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



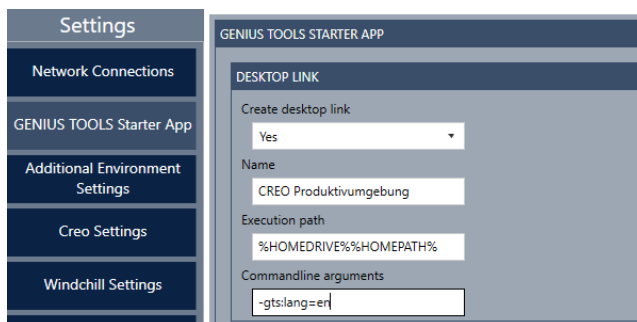
Configuration concept from 6.0.1

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

*Configuration concept 6.0.0*

Updating and configuring the start icon (6.0.1.0)

The automatic creation of the start icon for GENIUS TOOLS Starter App can be configured in GENIUS TOOLS Project Configurator. This also means that you can now manage the start parameters for GENIUS TOOLS Starter App in the central configuration.

*Start icon definition**Example result*

If you set *Create desktop link* to *Yes*, the start icon will be created, or, if it is already present, updated with the configuration settings, with every start and with every synchronization.

If you want to use a custom icon graphic, you have to place the image file in the *_Images* directory of the operating environment using the file name *<operating_environment_name>.ico*.

Warning: If the start icon is located in the *users\public\desktop* directory, it cannot be changed with user access rights. This means that the central icon definition cannot be applied!

Warning: If you have defined start parameters in version 6.0.0, take care to move them to the icon definition in GENIUS TOOLS Project Configurator. If no command line arguments are specified there, the start parameters will be deleted in the local desktop links!

2 New features in version 6.0.2.0

Settings for license borrow duration

You can define for how long licenses may be borrowed by users on the standard configuration level, for computer or user groups, or for individual projects.

Besides the maximum borrow duration, you can also specify a default borrow duration that will be pre-set in the borrow dialog.

Please note that in Creo, the maximum borrow duration is determined by the environment variable `LM_BORROW_DURATION`. Project Configuration does not check whether the value you enter is valid for Creo.

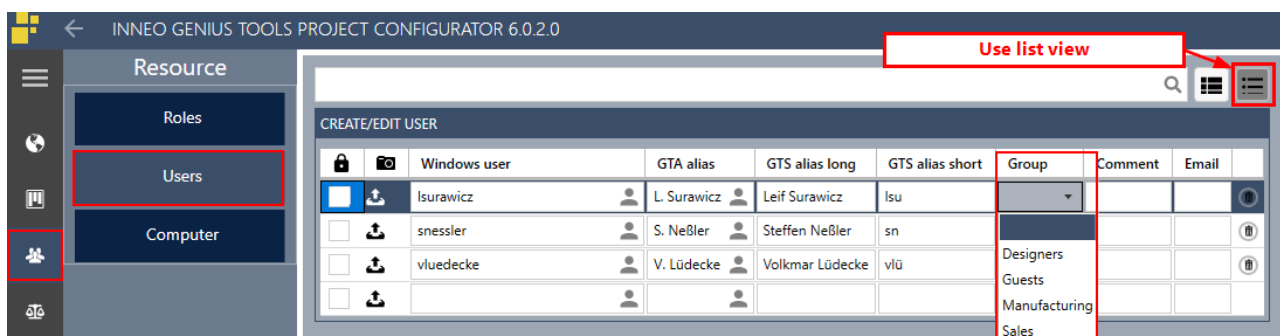
Define sort order for projects

You can now define the sort order for the list of projects that is displayed to the users. You can either sort the projects alphabetically by project name or create a custom sort order by dragging and dropping the projects in the list.

The function for sorting projects alphabetically is available in the user menu when the *Projects* view is active.

Edit user assignment to a user group in the user list

The assignment of a user to a user group can now be edited directly in the user list, besides the membership settings on the configuration page for the user group.



Improvements to XML import and export for computers and users

The import and export function uses the UTF-8 character encoding to ensure that umlauts are processed correctly.

For users, e-mail addresses can now also be imported and exported.

Environment variables for use in mapkeys

Due to the way variables are resolved within mapkeys, mapkeys that use environment variables with path specifications did not work anymore.

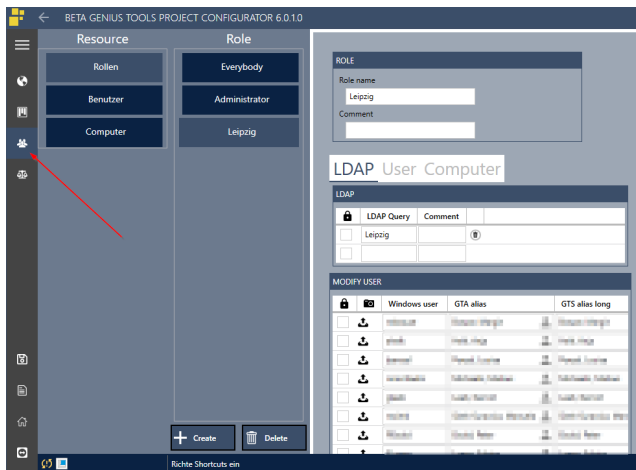
In version 6.0.2.0, new variants of environment variables were introduced, in which escape characters are added to the variable to prevent it from being erroneously resolved in mapkeys. The new variables have the suffix `_ESCAPED`. The following new variables are available for use in mapkeys:

- GTS_DATA_ESCAPED
- 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

3 Role-based permission management

You can define roles on the GENIUS TOOLS Project Configurator *Resources* page.

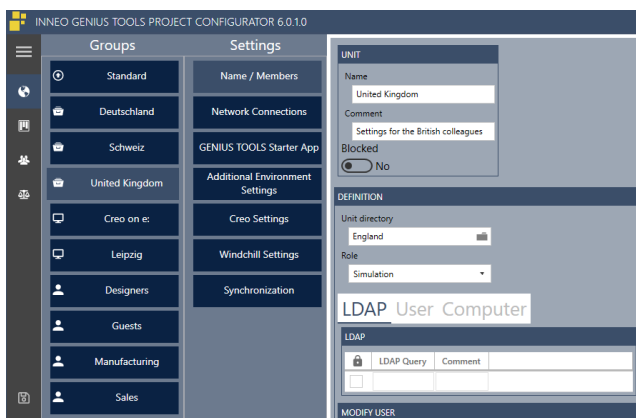
A role is a group of users, computers, or, if applicable, LDAP queries that can be assigned access permissions.



Role properties in GENIUS TOOLS Project Configurator

You can use roles in the following ways:

- Configuring access to projects
- Configuring access to GENIUS TOOLS Starter App functionality
- Assigning a role to a unit



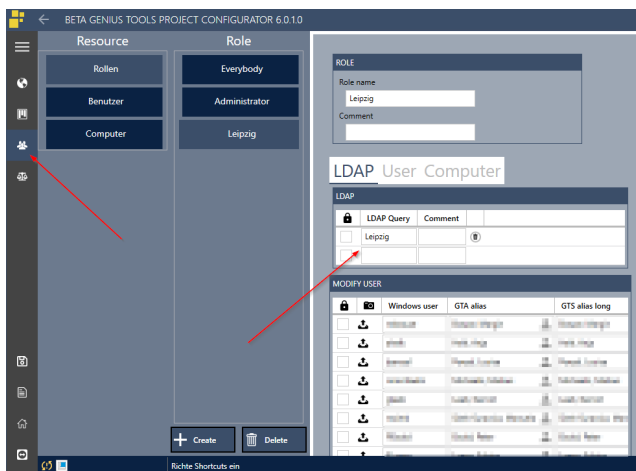
Role-unit assignment

All role definitions can be managed centrally on the *Resources* page, grouping users, computers, and, if applicable, LDAP queries as required.

4 Access to Windows user management

With a subscription license, GENIUS TOOLS Starter can access the operating system's user management. Users and user groups defined by the central IT can be used in GENIUS TOOLS Starter, so that there is no need to create user accounts locally.

Queries to the operating system's user management are defined in the role properties on the *Resources* page.



Definition of an LDAP query

On the configuration pages that are used to assign rights to the configured roles, the LDAP queries for the roles are displayed read-only for information.

GENIUS TOOLS Starter App uses live queries to make sure all membership assignments are up-to-date.