

What's New

*In SMARTAnnotate
7.0.4.0 ,8.0.2.0 and 9.0.1.0*

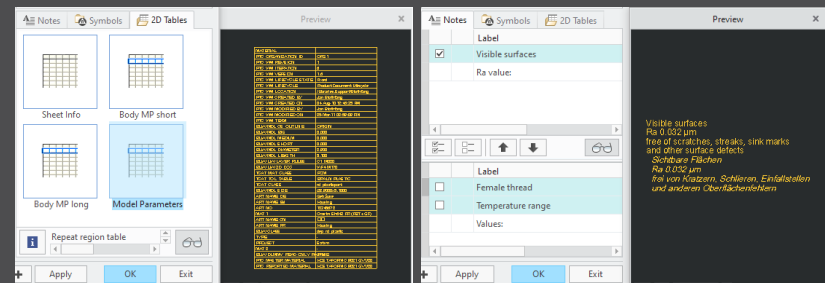
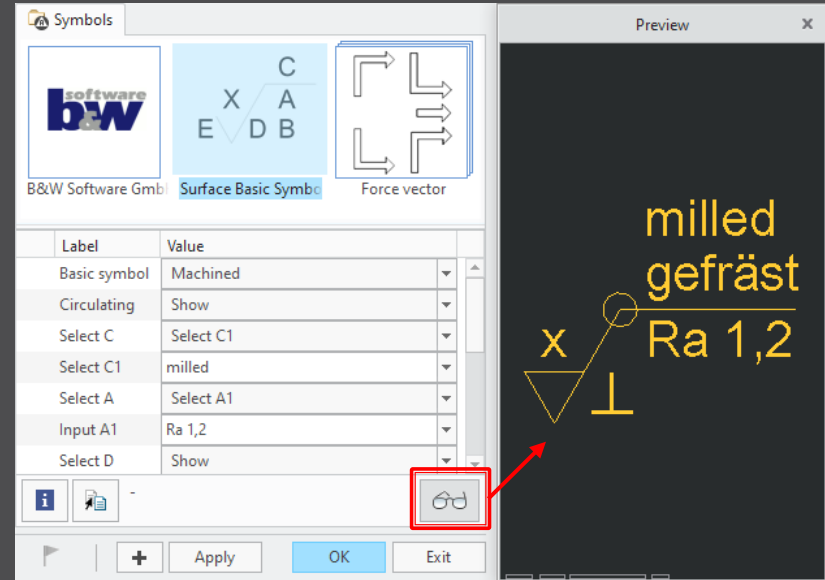


Overview

- Ease of use improvements
- Administrative improvements
- Symbols improvements

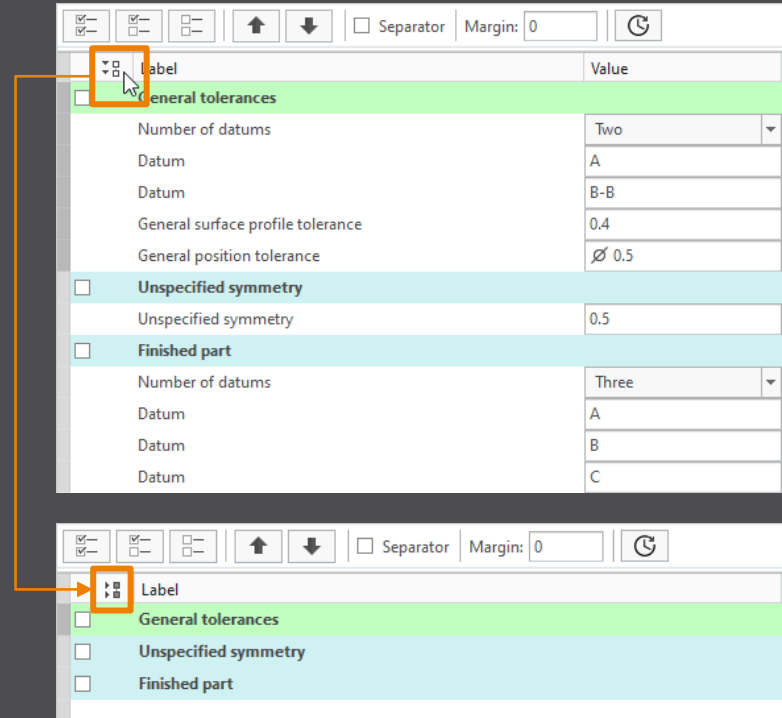
Ease of use improvements

- Display a preview for notes, symbols and tables in 2D mode
- In 3D mode only symbols are supported
- The preview reflects the current settings, choices and inputs
- The show/hide states and adjusted preview window widths are memorized on each client machine (no option)



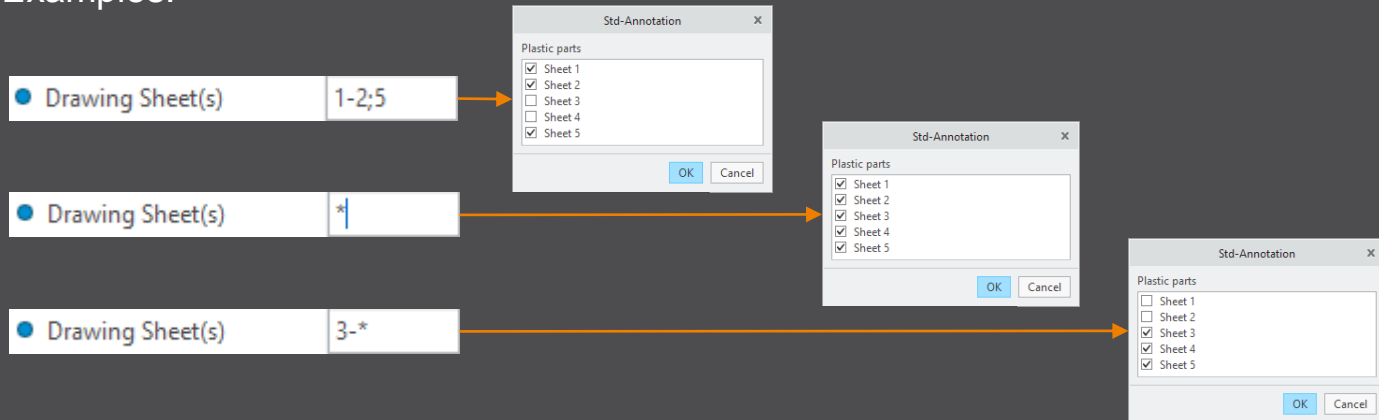
Ease of use improvements

- New button to collapse/expand the white value-related rows within the bottom area pool
- Supported categories are
 - Std-Annotations
 - Notes
 - Stack-Notes
- The show/hide preferences are memorized individually on each client machine (no option)



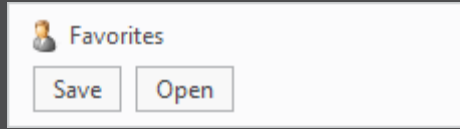
Administrative improvements


- Enhanced rule functionality to auto-assign std-annotations to drawing sheets
 - Objective: More flexibility presetting destination sheets for std-annotation sets to spare the users the manual choice
 - Workflow:
 - Use hyphens (-) to declare a range
 - Use semicolon (;) to add more specifications
 - Use asterisk (*) for any index
 - Examples:



Symbols improvements

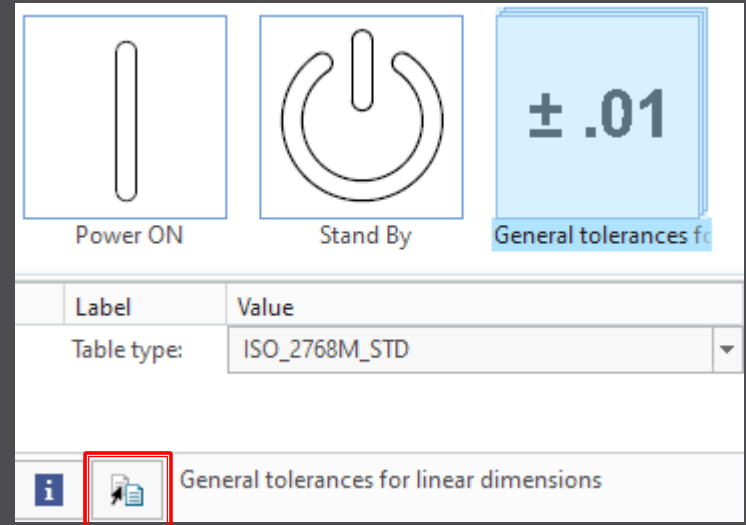
- Save and open user-configured variants of symbols to avoid the need to configure a symbol in the same way over and over again

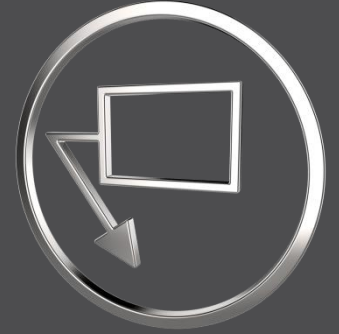


- Press “Save” to select the created symbol to be exported (only SMARTAnnotate symbols can be selected)
- Press “Open” to retrieve an exported settings file (*.xml)
- The settings include chosen groups, selected or entered values as well as the color and angle
- After opening press the  button to start the placement
- Define the default directory for importing and exporting the settings files via the option “symbols_user_profiles_dir”. By default, the working directory is used.

Symbols improvements

- Create a copy of a selected pre-existing symbol
- Easy and intuitive reuse of an already configured and created item
- After selecting the source symbol, the placement directly starts
 - Its attachment settings are taken over by default
- Only SMARTAnnotate symbols can be selected





What's New

*In SMARTAnnotate
7.0.3.0 ,8.0.1.0 and 9.0.0.0*

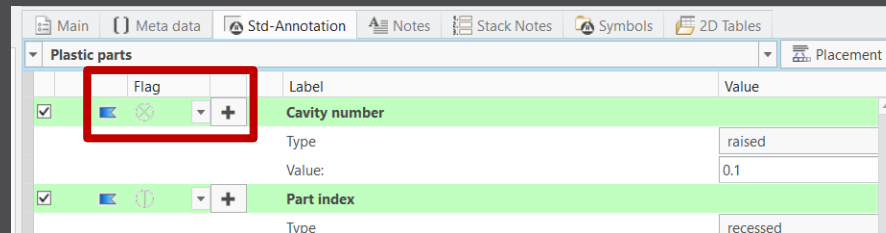
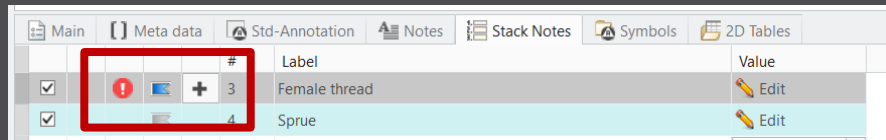


Overview

- Ease of use improvements
- Administrative improvements
- Stack-Notes improvements
- Symbols improvements
- Notification Center improvements
- Annotation placement improvements
- Various improvements
- Solved issues

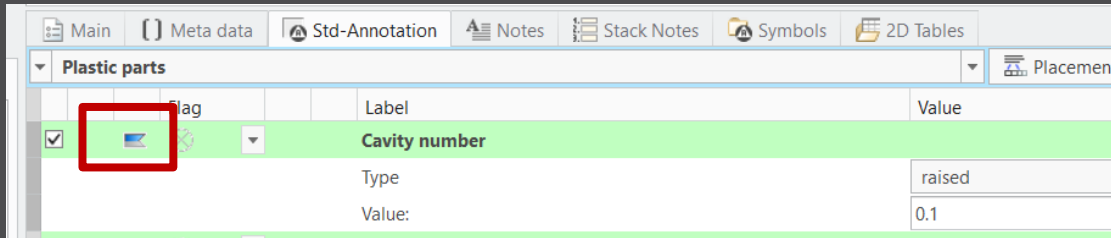
Ease of use improvements

- Integration of 'Flag' tab into relevant object tabs
 - Applies to Std-Annotations (2D) and Stack-Notes (2D and 3D)
 - Significantly reduces tab changes and clicks



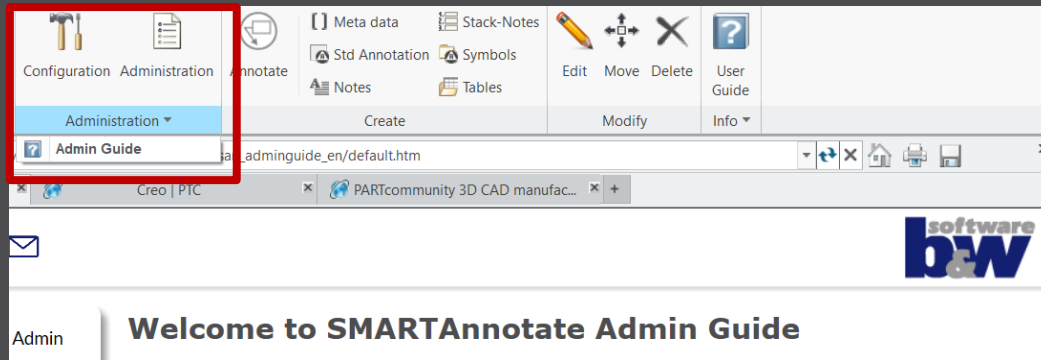
Ease of use improvements

- Mixed state for Flags
 - New 'Mixed' option enables the user to set a flag status that won't lead to a missing flag notification if no flag is placed
 - Applies to Std-Annotations
 - Config option *std_anno_mixed_flag_state=yes*



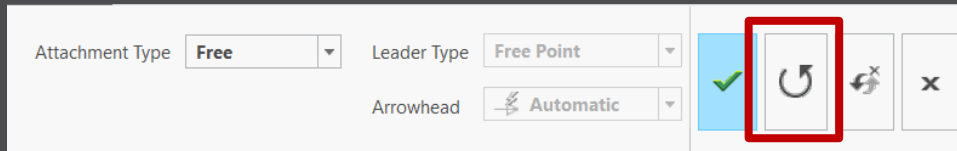
Ease of use improvements

- New 'Admin Guide' button in the ribbon
 - Admin mode only
 - Links to admin guide and shows documentation in Creo internal browser



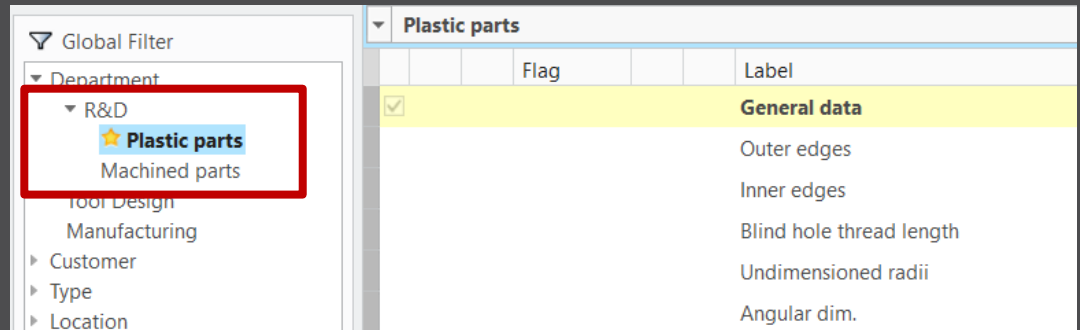
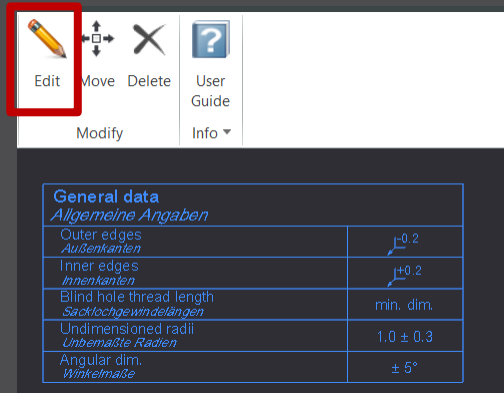
Ease of use improvements

- New dashboard button for placing an item multiple times
 - During manual placement of flags, you now easily can place the flag multiple times using the 'Repeat' button
 - Applies to Notes and Stack-Note flags
 - Reduces numerous clicks



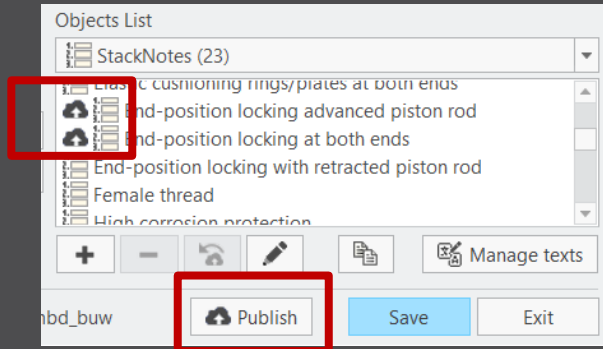
Ease of use improvements

- Automatically activate the correct filter when user dialog is opened via the 'Edit' command
 - Applies to Std-Annotations
 - (Use STRG key in Creo4)



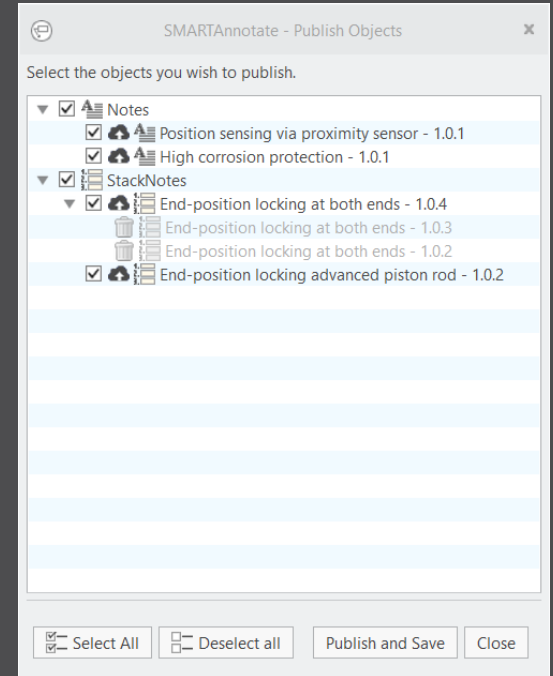
Administrative improvements

- New release mechanism for object definitions and texts
 - Objective: Performance increase and streamlined xml data
 - Workflow:
 - Modified object definitions are marked as ‘unpublished’
 - Use ‘Publish’ to expose object definition(s) for productive use



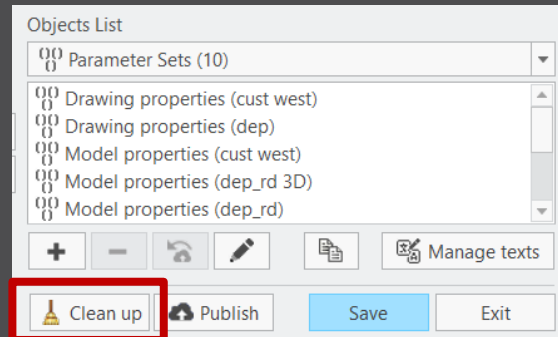
Administrative improvements

- (Workflow continued)
 - Select all intended definitions in the dialog
 - Use ‚Publish and Save‘ to complete the process
 - User can work on ‚published‘ object definitions only and will be notified, if there are still unpublished items.
- See details in Admin guide section:
 - Working on Content / Revising objects



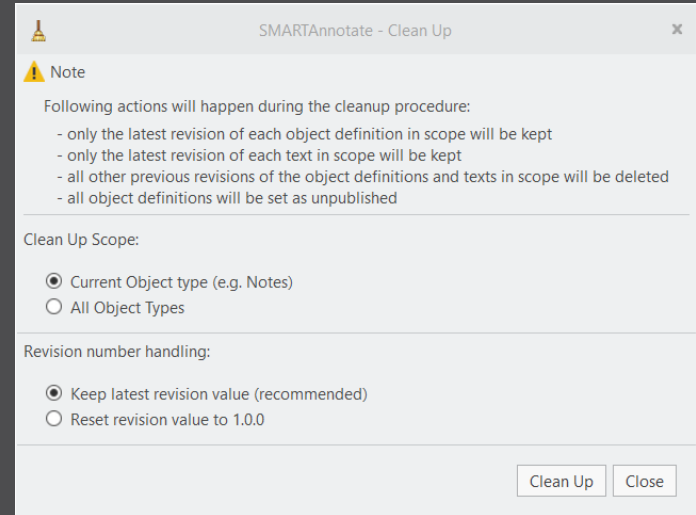
Administrative improvements

- Clean-up of revisions in the configuration xml files
 - Objective: Allow the admin to clean up unwanted or unused revisions of an object definition or even reset the whole configuration
 - Workflow:
 - Set Config option *enable_revisions_cleanup* to *yes*
 - Use Clean-up from the admin dialog



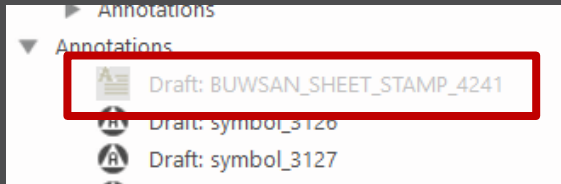
Administrative improvements

- (Workflow continued)
 - Select Clean up scope
 - Choose Revision number handling
- See details in Admin guide section:
 - Working on content /Clean up revision history
- Use this function carefully!



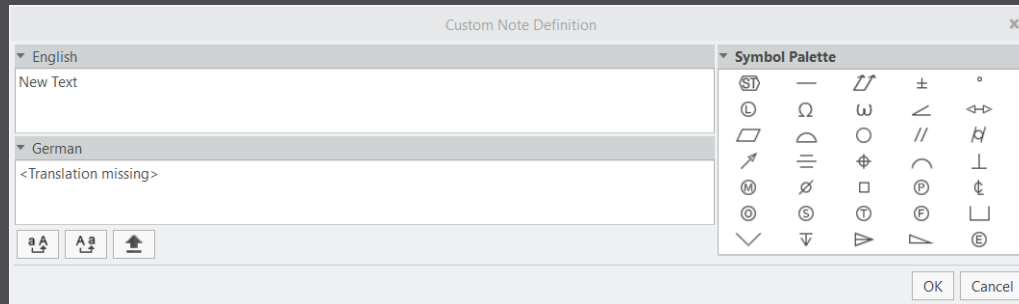
Administrative improvements

- The hidden 'format sheet stamp' note is now always located in the center of a sheet.
 - This invisible, but essential note, previously was located outside the format boundaries and may have impacted printing results.
 - It is now ensured to be located in the center of the sheet
 - Do not delete this note!



Stack-Notes improvements

- Improvements to custom Stack-Notes
 - Line breaks are now properly kept
 - New option to preserve empty lines that are either completely empty or consist of spaces only
 - Set *custom_notes_preserve_empty_lines* to *yes*
 - Ability to create a multi-language custom stack note
 - Set *enable_multi_language_custom_notes* to *yes*







Stack-Notes improvements

- Ability to define whether to create 3D Stack-Notes within a single or multiple combined states
 - *destination_comb_state_mode: single | multiple*
 - single:
 - If the list of notes reaches the border of the display area, a new column will appear within the same combined state
 - multiple:
 - If the list of notes reaches the border of the display area, a new combined state is created, and the list continued.

Stack-Notes improvements

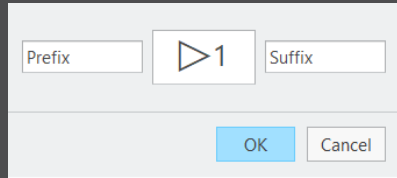
- Display Stack-Note IDs in the user interface
 - Set *show_id_column* to yes

| | | | # | Label | Value | ID |
|-------------------------------------|--|---|----|-------------------|--|---------------------------|
| <input checked="" type="checkbox"/> | |  | 1. | Ejector pin marks |  Edit | def_stack_note_15 |
| | | | | Value: | 0.2 | |
| <input checked="" type="checkbox"/> | |  | 2. | Cavity number |  Edit | def_stack_note_cavity_num |

- Consider called out parameter values for line wrapping instead of call-out syntax

Stack-Notes improvements

- Improvements to flags of Stack-Notes
 - Apply prefix and suffix text for 3D Stack-Note flags
 - Use 'Edit' on a flag to open the Prefix / Suffix dialog

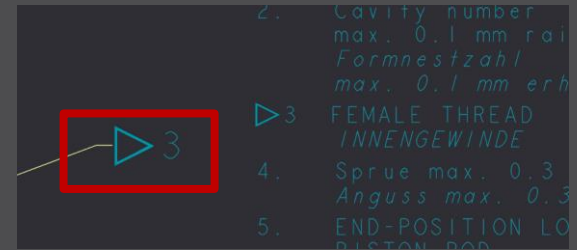


- Annotation element parameters are created
- You may use these parameters or edit its values directly

| Name | Type | Value | Designat... | Access | Source |
|---------------|--------|------------|-------------|--------|--------------|
| FLAG_NOTE | String | NOTE_001 | | Full | User-Defined |
| BUW_FLAG_TEXT | String | 1 | | Full | User-Defined |
| BUW_PREFIX | String | Prefix | | Full | User-Defined |
| BUW_SUFFIX | String | Suffix | | Full | User-Defined |
| PTC_NOTE_TEXT | String | &BUW_PR... | | Locked | Annotation |

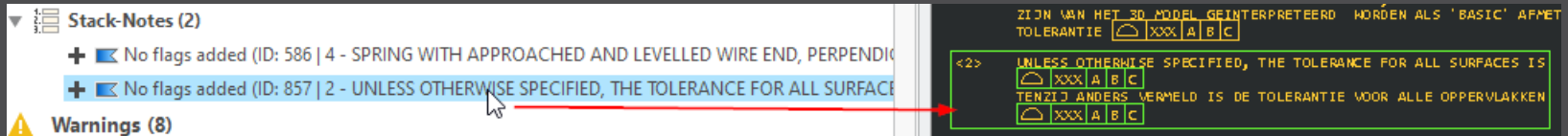
Stack-Notes improvements

- Improvements to Flags of Stack-Notes
 - Specify text formatting for Flags independently from drawing
 - Use the two following config options to specify a pattern.txt file that controls the format of the related flags
 - flag_note_pattern_file_path_2d
 - flag_note_pattern_file_path_3d
 - Pattern file example:
 - `<height="5.0">\[A]\`

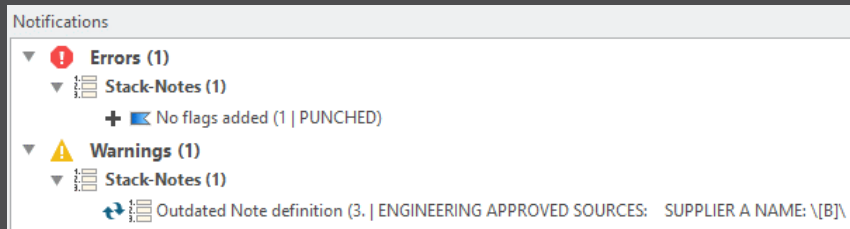


Notification Center improvements

- Message improvement for missing flags and general notifications
- Ability to highlight the corresponding objects



- Include listing number of Stack-Note into notifications



Annotation placement improvements

- Dynamically moving a symbol that is attached to an edge in drawing mode is now possible
 - Previously the symbol would snap to either the edge start or end point when move function was used
- Ability to reference a symbol to a Std-Annotation entity
 - Previously the related symbol would disappear on Apply or OK, as the annotation stack is rebuilt every time.
 - Now, the offset attachment relations are restored
 - This general behavior will be part of an upcoming project

Various improvements

- Ability to define the text format within pattern files
 - Multiple formatting options were added to the pattern files
 - Applies to Stack-Notes, Notes and Flags
 - See details in the Admin guide section:
 - Appendix / The pattern file

```
1 <height="5.0">\ [L1 (1)] [A]\</height>
2 <u>\ [L1 (2)] [A]\</u>
3 <i>\ [L1 (3)] [A]\</i>
4 <b>\ [L1 (4)] [A]\</b>
5 <height="3.0"><br>
6 <font="consola">\ [L2 (1)] [A]\</font>
7 <slant_angle="45">\ [L2 (2)] [A]\</slant_angle>
8 <thickness="1.0">\ [L2 (3)] [A]\</thickness>
9 <width_factor="2.0">\ [L2 (4)] [A]\</width_factor>
```

Visible surfaces
Ra 0.032 µm
free of scratches, streaks, sink marks
and other surface defects

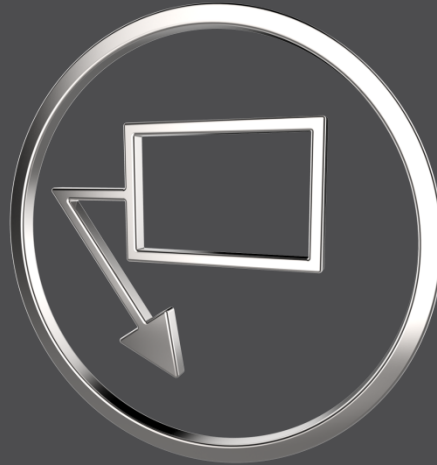
Sichtbare Flächen
Ra 0.032 µm
frei von Kratzern, Schlieren, Einfallstellen
und anderen Oberflächenfehlern

- General:
 - When creating Stack-Notes in solid model, placement does not fail anymore, if destination Combined State already exists
 - Flag note parameter value containing number now updates correctly after re-ordering Stack-Notes in solid mode
 - Cells of drawing table rows below a repeat region are now correctly translated
- User interface:
 - Tooltip for multi-language custom Stack-Notes now display correctly
 - UI table will update correctly when a flagged custom note is converted into a deleted note

- Annotation placement:
 - 2D Format tables are not anymore recreated every time on Apply or OK in user dialog.
 - Creation of Std-Annotation does not fail anymore if no placement coordinates are defined for the set and sheet size combination
 - Leading space character are now ignored when wrapping 2D Stack-Notes
 - The texts of Stack-Note flags are now updated on all drawing sheets after saving

- Notification Center:
 - Resolving an outdated Std-Annotation set does not anymore reset the values of some of its blocks back to default
 - After resolving an outdated Symbol notification and regenerating the drawing sheet no other symbols are hidden anymore
 - Interactively deleted stack note slave flags won't produce a missing flag notification
- Admin dialog:
 - Settings for group choices are now correctly saved
 - Reordering additional languages is fixed

Contact



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