

## What's New

*In SmartAnnotate 4.6.4.0,  
7.0.3.0 ,8.0.1.0 and 9.0.0.0*

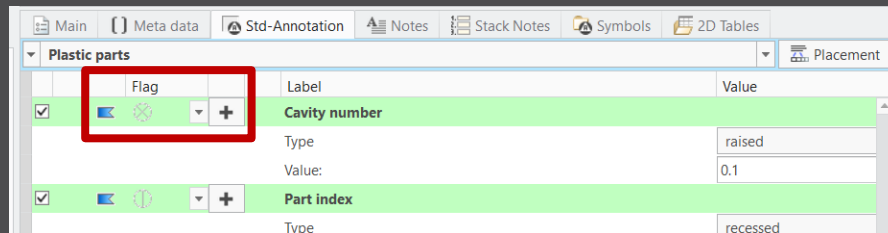
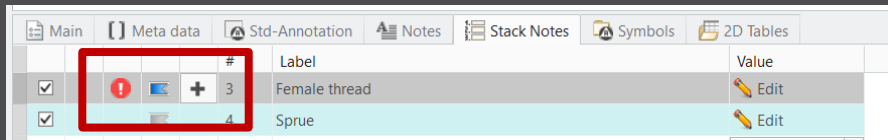
# Overview

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

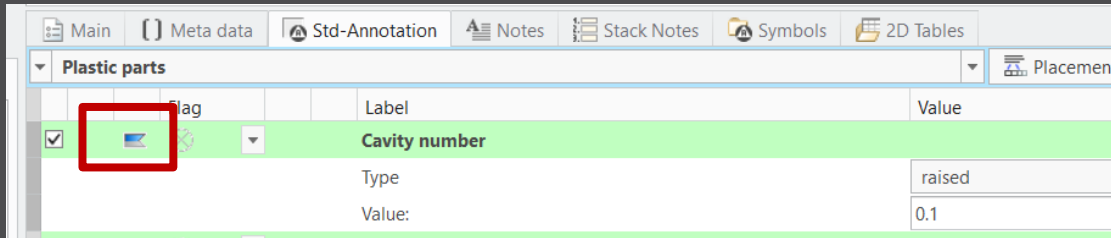
# Ease of use improvements

- 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



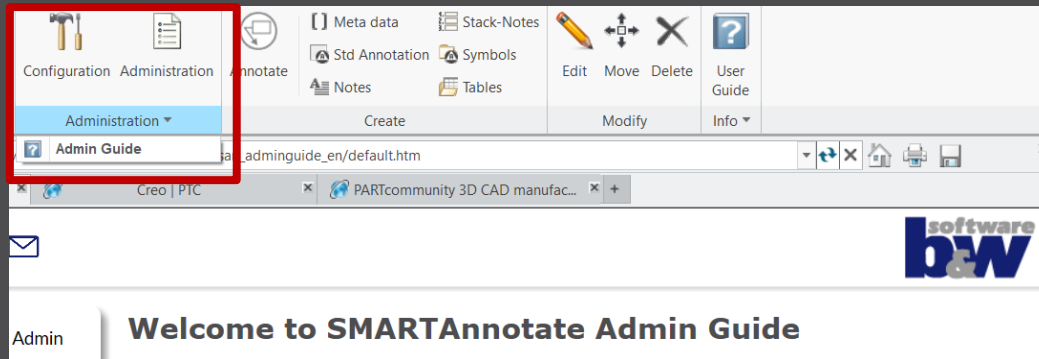
# Ease of use improvements

- 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*



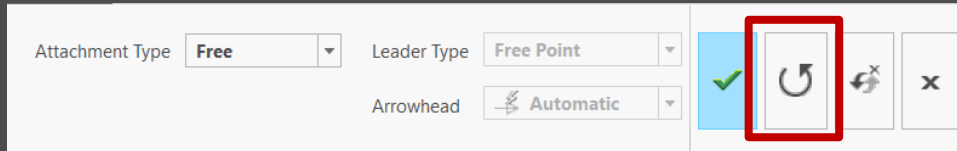
# Ease of use improvements

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



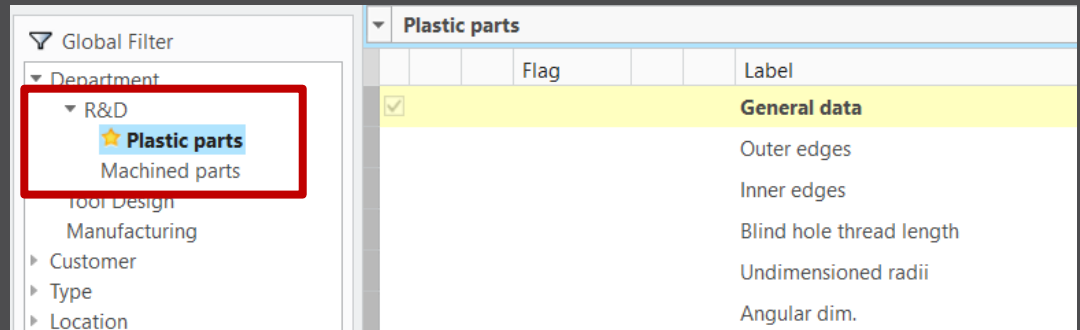
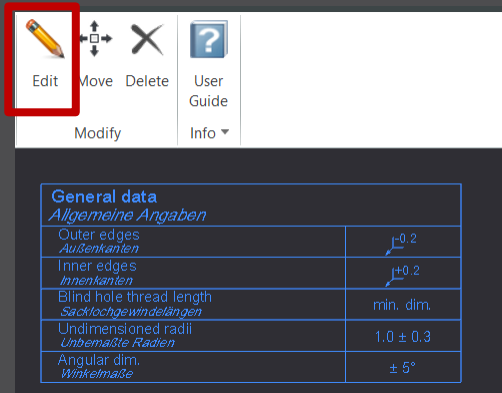
# Ease of use improvements

- 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



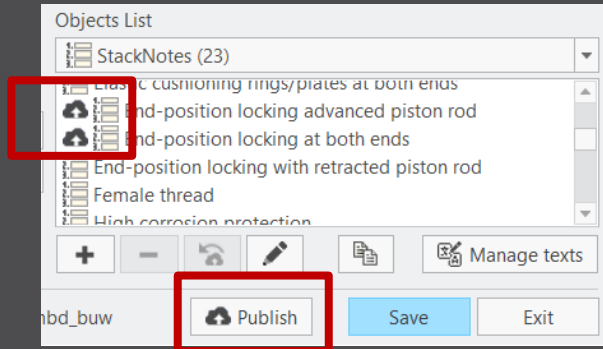
# Ease of use improvements

- 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

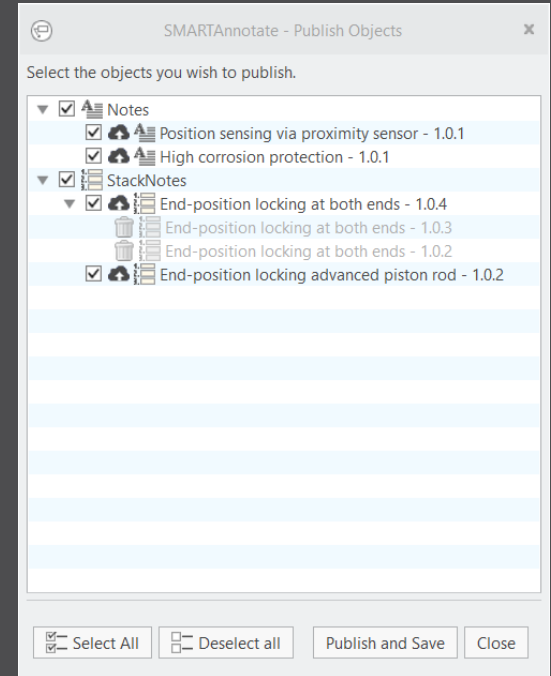
- New release mechanism for object definitions and texts
  - Objective: Performance increase and streamlined xml data
  - Workflow:
    - Modified object definitions are marked as ‘unpublished’
    - Use ‘Publish’ to expose object definition(s) for productive use





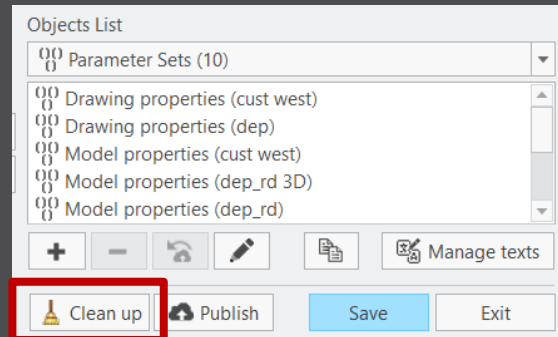
# Administrative improvements

- (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



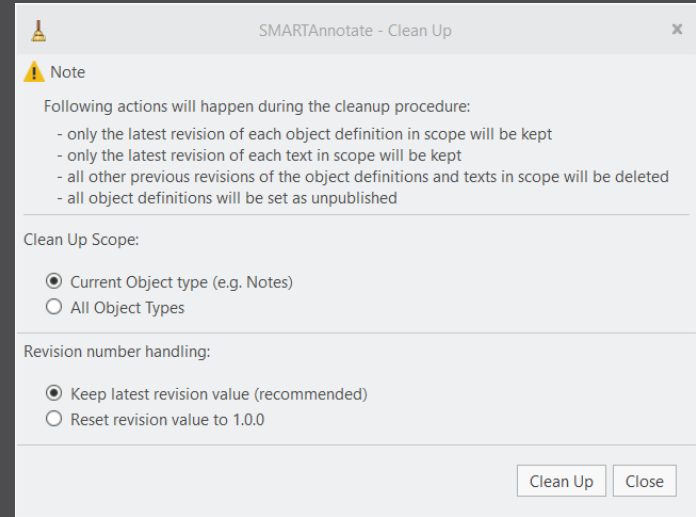
# Administrative improvements

- 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



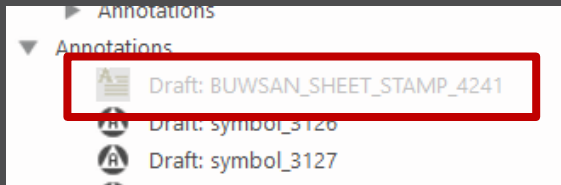
# Administrative improvements

- (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!



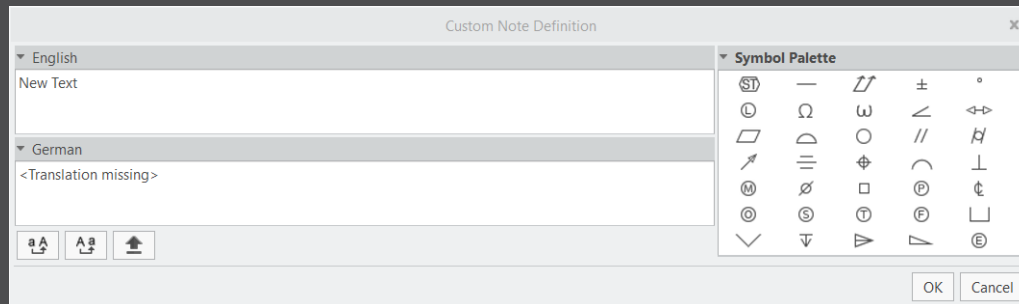
# Administrative improvements

- 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

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- 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

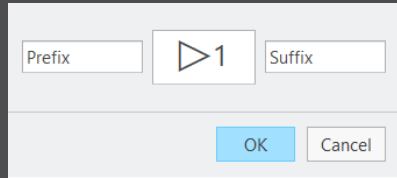
- Display Stack-Note IDs in the user interface
  - Set *show\_id\_column* to yes

			#	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



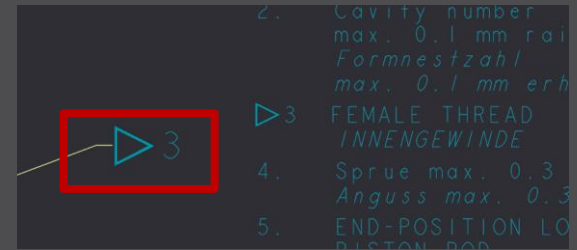
- Annotation element parameters are created
- You may use these parameters or edit its values directly

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



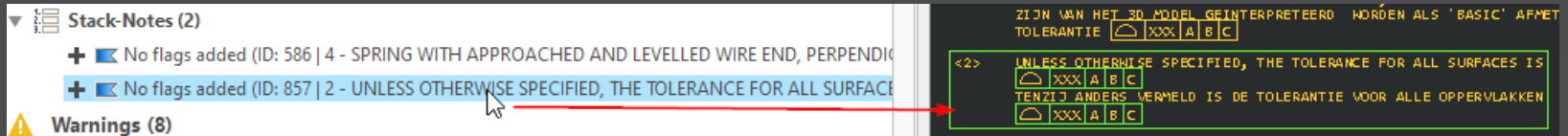
# Stack-Notes improvements

- 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]\`

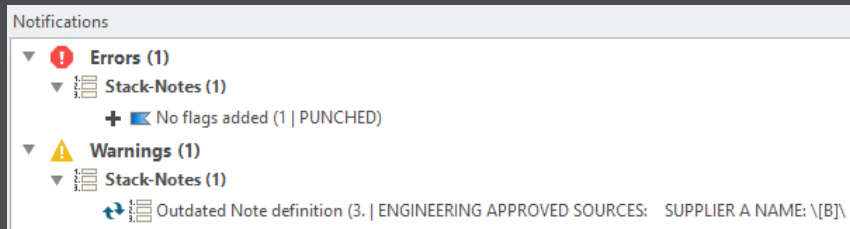


# Notification Center improvements

- 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

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- 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

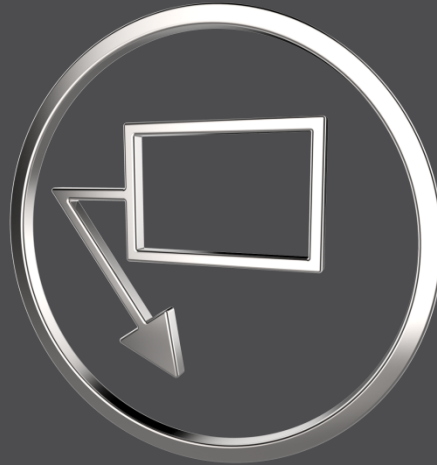
Sichtbare Flächen  
*Ra 0.032 µm*  
frei von Kratzern, Schlieren, Einfallstellen  
und anderen Oberflächenfehlern

- 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

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