



# AV ScriBatch

Application for **batch modification and exports** of objects within PTC Creo Parametric with possibility of connection to PTC Windchill. Allows batch processing of 3D/2D objects within a directory, Windchill Commonsense and Windchill Workspace.

## Features and benefits:

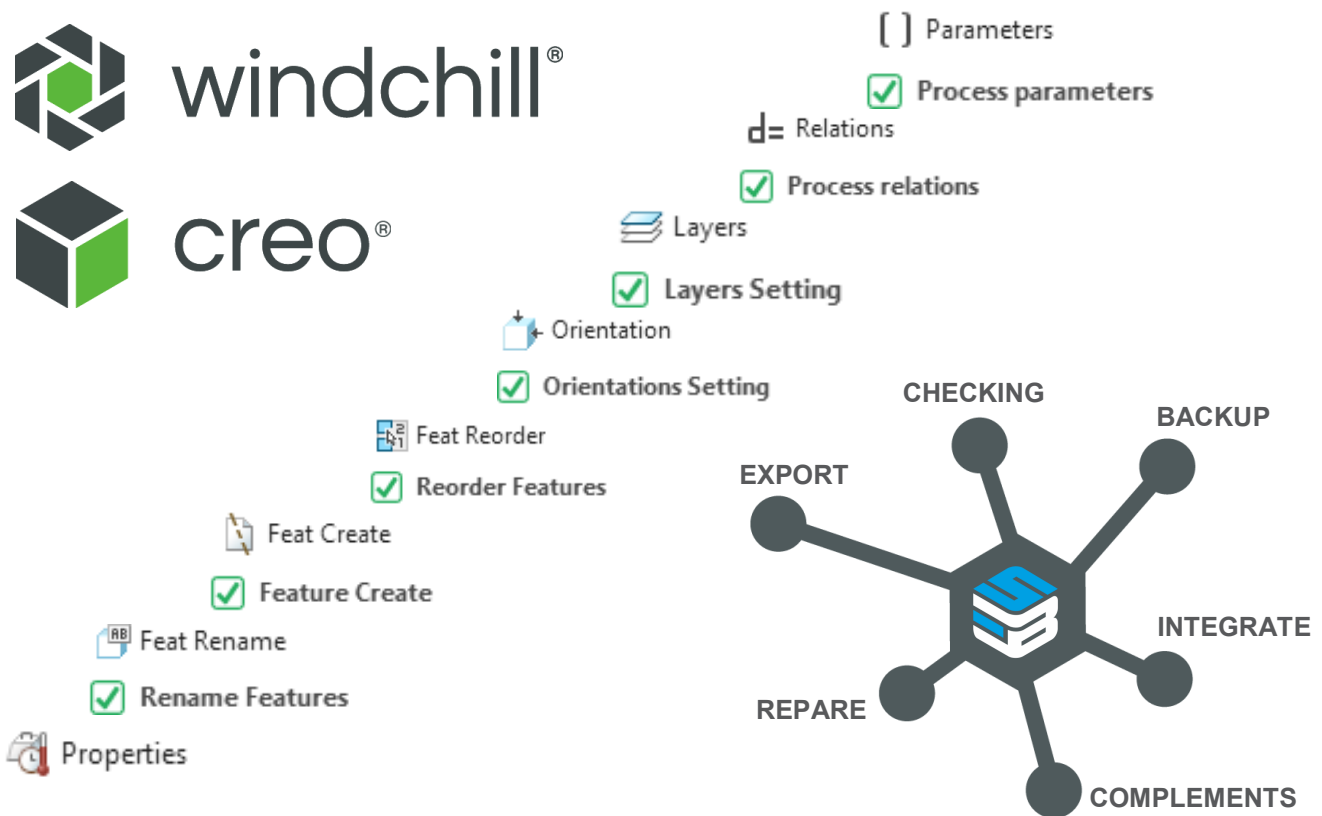
- ☑ Batch modifies the properties of parts, assemblies and drawings
- ☑ Bulk exports data according to defined criteria
- ☑ It allows information to be easily added to Creo data to ensure that the information for PLM Windchill is unambiguous and complete
- ☑ Makes it easy to incorporate third-party Creo data into your projects
- ☑ Cleans the project from unnecessary (unused) data = finds all dependencies of parts, drawings, assemblies, subassemblies and saves them in the directory = complete project backup
- ☑ Delete / Backup older versions of Creo objects with the advanced Purge tool
- ☑ Allows you to open related Creo drawings from the active 3D model



windchill®



creo®



**Orientations Setting**

Task	Orientation Name	Rewrite
1 Set Active View	DEFAULT	
2 Create Front View	FRONT	<input checked="" type="checkbox"/>
3 Create Right View	RIGHT	<input checked="" type="checkbox"/>
4 Create Top View	TOP	<input checked="" type="checkbox"/>
5 Create Left View	LEFT	<input checked="" type="checkbox"/>
6 Create Bottom View	BOTTOM	<input checked="" type="checkbox"/>
7 Create Back View	BACK	<input checked="" type="checkbox"/>

Set Color

Choose Action: Set Color to model Barva:

- Set Color to model
- Set Color to Quilts
- Set Color to Cylindrical Surfaces
- Set Default model Color
- Clear model Colors
- Clear Quilts Colors
- Clear Solid Surfaces Colors
- Clear Quilt Surfaces Colors
- Clear all colors

**Parameters**

Process parameters

Name	Task	Value	Type	Setting
1 CREATED_BY	Duplicate	AUTOR	Param Name	<input checked="" type="checkbox"/> Delete Original
2 ERSTELLT_VON	Duplicate	AUTOR	Param Name	<input checked="" type="checkbox"/> Delete Original

**Properties**

- Set Color
- Set Accuracy
- Set Density
- Set Material
- Set Units
- Set Dtl Config
- Set Tolerance
- Set Read-Only
- Set Model Size
- Set Dimension Bounds

## Supported operations

- **Parameters**
  - Create / Remove parameter
  - Duplicate parameter
  - Set Value / Description to the parameter
  - Converting value of the parameter
  - Set / Clear Designate attribute
  - Access setting (Full / Locked / Limited)
- **Relations**
  - Add / Remove the Relation rows
  - Removing all Relation content
  - Replacing part of the String
  - Definition Before / After regeneration
- **Features creation**
  - Datum Plane, Axis, Coordinate System
- **Layers**
  - Create / Remove Layer
  - Insert items into Layers
  - Insert items from Layers
  - Set Layer visibility (Hide / Show)
  - Set Layer rules
- **Model Orientation**
  - Create user orientations (3D)
  - Create default orientation
  - Orient models to the selected orientation
  - Center the model in orientation
- **Model and Drawing properties**
  - Set model **Colors** according to object type
  - Set **Accuracy** (Absolute / Relative + Value)
  - Assign **Material** (link to .mtl or .mat file)
  - Set **Units**
  - Assign **Drawing Configurations** (\*.dtl file)
  - Set **Tolerance** (Standard, Class, Tol. Table)
  - **Read-Only** attribute (Set / Cancel to all Features)
  - Write **Model Size** to parameter
  - Set **Dimension Bounds** (Nominal, Upper, Lower, Middle)
- **Object Exports**
  - Export 3D into STEP / IGES / NEU / PVZ
  - Export 2D into PLT / PDF / DXF / DWG
  - Export 3D object into Bitmap (JPEG / TIFF / BMP / PNG) - definition 100-600 DPI, 8/24 bit, Inches/Pixels
  - Sort drawings into directories according to formats
  - Export Sheet selection (e.g. nr.2 = unfolded to DXF)
  - User naming of exports
  - Generate \*.cmd for batch printing of PLT files
  - Save to WCH as a secondary attachment
- **Additional operations**
  - Force saving objects (reload)
  - Family Table verification, including duplicates
  - Export Family Table to CSV
  - Run ModelCHECK for each object
- **Advanced Batch-Backup**
  - Project backup including drawings
- **Advanced Purge**
  - Delete / Backup unnecessary files
- **Open Drawing**
  - Loads a drawing of the active 3D model (icon / RMB)

MORE INFORMATION



I WANT TO TRY