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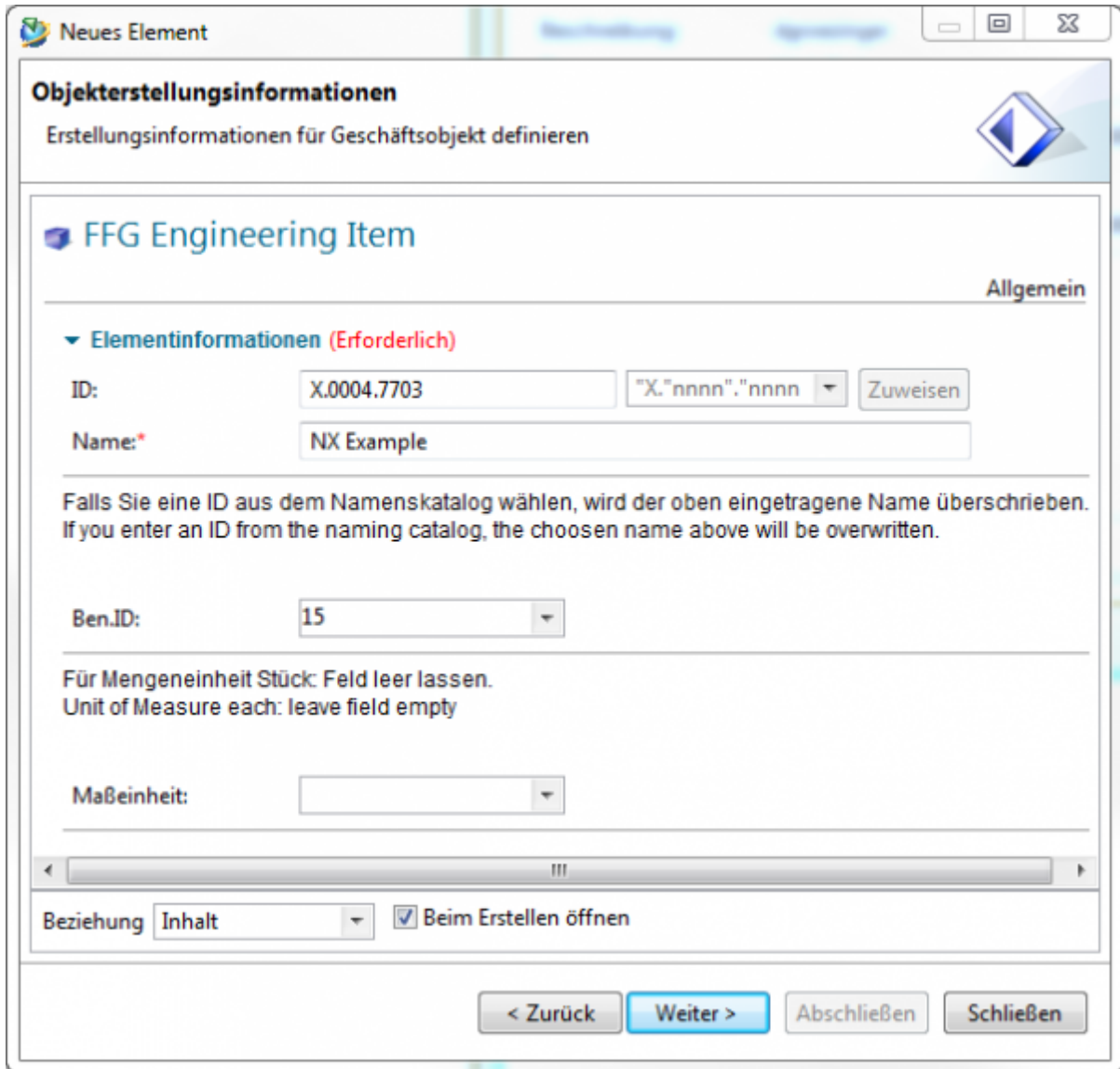
5 Working with NX

5.1 Creating items in Teamcenter

Create a new part in Teamcenter as usual:

Select “File→New→Item” and select the type  FFG Engineering Item.

Assign an item ID and assign a (temporary) name.



Neues Element

Objekterstellungsinformationen
Erstellungsinformationen für Geschäftsobjekt definieren

 FFG Engineering Item

Allgemein

▼ Elementinformationen (Erforderlich)

ID: X.0004.7703 "X."nnnn"."nnnn Zuweisen

Name: NX Example

Falls Sie eine ID aus dem Namenskatalog wählen, wird der oben eingetragene Name überschrieben.
If you enter an ID from the naming catalog, the chosen name above will be overwritten.

Ben.ID: 15

Für Mengeneinheit Stück: Feld leer lassen.
Unit of Measure each: leave field empty

Maßeinheit:

Beziehung Inhalt ☒ Beim Erstellen öffnen

< Zurück Weiter > Abschließen Schließen

Choose a name from the naming catalog.

Press “Next”.

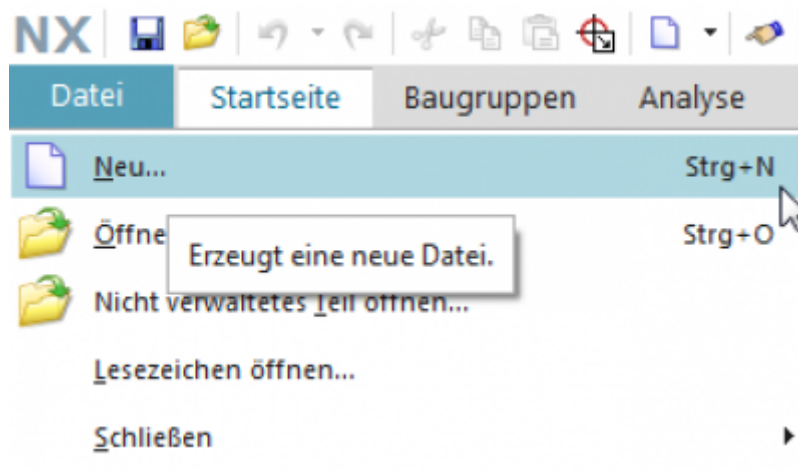
Enter the essential master data.

The screenshot shows a dialog box titled "Erstellungsinformationen für Geschäftsobjekt definieren" (Define Business Object Creation Information). The subtitle is "Erstellungsinformationen für Geschäftsobjekt definieren". The main heading is "FFG Engineering Item". On the right, there is a "Release Information" link. The text inside says: "Tragen Sie hier die für eine Freigabe der Revision notwendigen Informationen ein. Enter the information required to release a revision." Below this, there are four input fields: "Produkt:" (Product), "Beschaffungsart:" (Procurement Type), "CS:" (Configuration Structure), and "Q-Code:". Each field has a dropdown arrow. At the bottom, there are four buttons: "< Zurück" (Back), "Weiter >" (Next), "Abschließen" (Finish), and "Schließen" (Close).

Press "Finish". Then select the newly created item or item revision and start NX via  in the menu bar. Once you save the part file in NX, the dataset (UGMaster) is placed under the Item Revision.

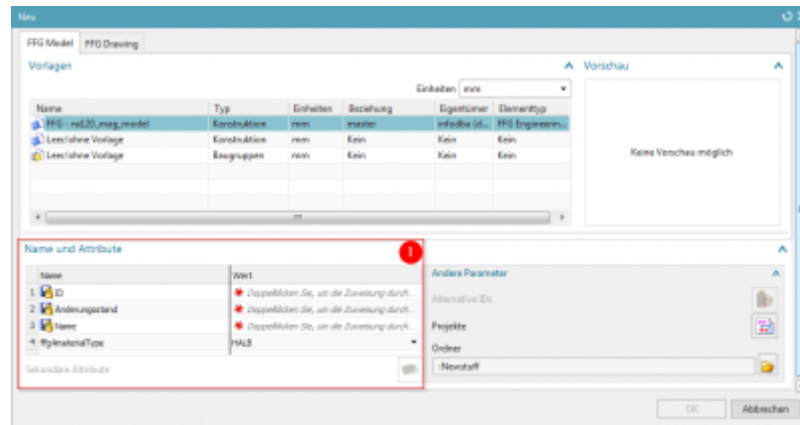
Create 5.2 Items with the help of NX

- The creation of a new item in Teamcenter is performed in NX as follows:



1. Create a new data record via file → New...
2. Create a new record via Ctrl+N

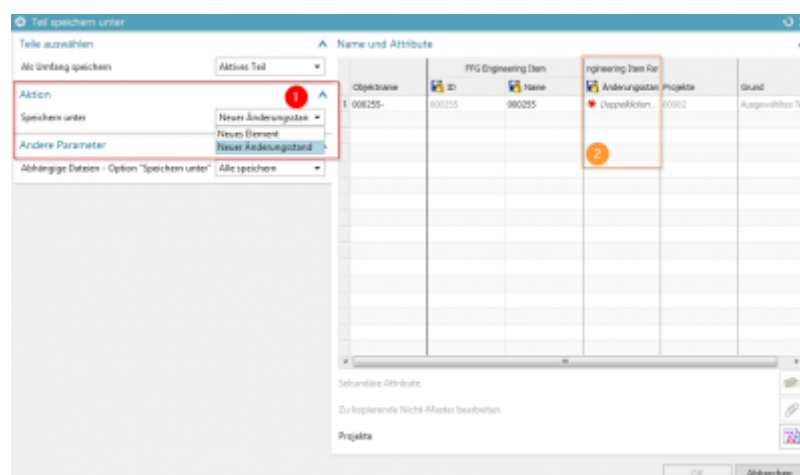
- The creation of a new item as master part is visible as relationship “master” and contains the model.
- The creation of a new non-master part is visible as relationship “specification” and contains the DrawingPart.



Here, certain mandatory attributes must be assigned to the newly created item.

5.3 Revision and save parts

- The revision of **Master parts** is also carried out: Menu File → Save → Save as...
- Create as new change status (revision)
- Save as new element creates a new part under a new part number
- Save as Alt-Rep creates a new dataset with altern. Geometry presentation under the current part / revision master.

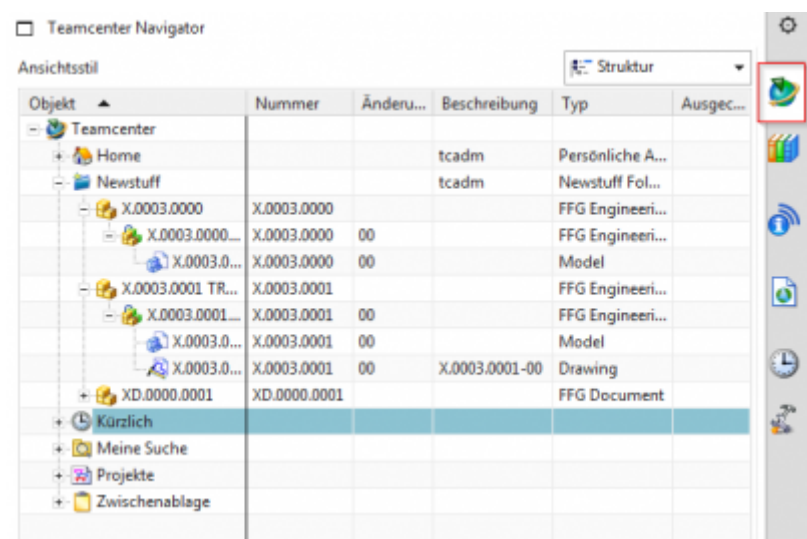


1. Save as action - New element / New change status
2. Double-click to assign a new revision number to the Item Revision.

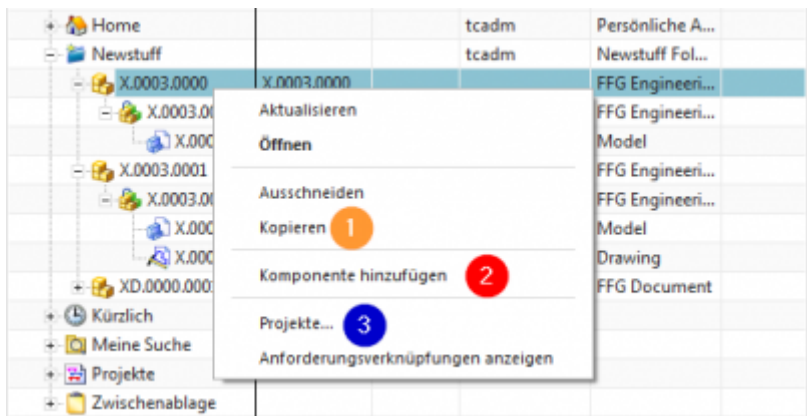
- If an item revision contains dependent files in addition to the **Master part**, the documents to be transferred can be selected if this is defined in the preferences.

5.4 Teamcenter Navigator

- The Teamcenter Navigator shows the current folder structure of the user.
- The columns can be adjusted as required.



- The following file operations are possible with RMT:



- | | |
|----|--|
| 1. | Cut and Copy has the same effect as in the “My Teamcenter” environment |
| 2. | Opens the “Add Component” dialog |
| 3. | Add the object to a project |

5.5 Teamcenter Navigator Search

☐ Teamcenter Navigator

Ansichtsstil Struktur

Objekt	Nummer	Änderu...	Beschreibung	Typ	Ausgeg...
Teamcenter					
Home			tcadm	Persönliche A...	
Newstuff			tcadm	Newstuff Fol...	
X.0003.0000	X.0003.0000			FFG Engineeri...	
X.0003.0000...	X.0003.0000	00		FFG Engineeri...	
X.0003.0...	X.0003.0000	00		Model	
X.0003.0001 TR...	X.0003.0001	00		FFG Engineeri...	
X.0003.0001...	X.0003.0001	00		FFG Engineeri...	
X.0003.0...	X.0003.0001	00		Model	
X.0003.0...	X.0003.0001	00	X.0003.0001-00	Drawing	
XD.0000.0001	XD.0000.0001			FFG Document	
Kürzlich					

Suchen 1

X.000*

Erweiterte Suche... 2

Filter durchsuchen

Detailebene Vollständig

Änderungsstand Alle

Typ Alle

Ladeoptionen für Baugruppen 3

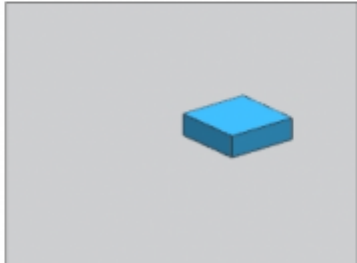
☐ Nur Struktur laden

Option Teilweise geladen

Kontext Änderungsstandregel/Konfiguration

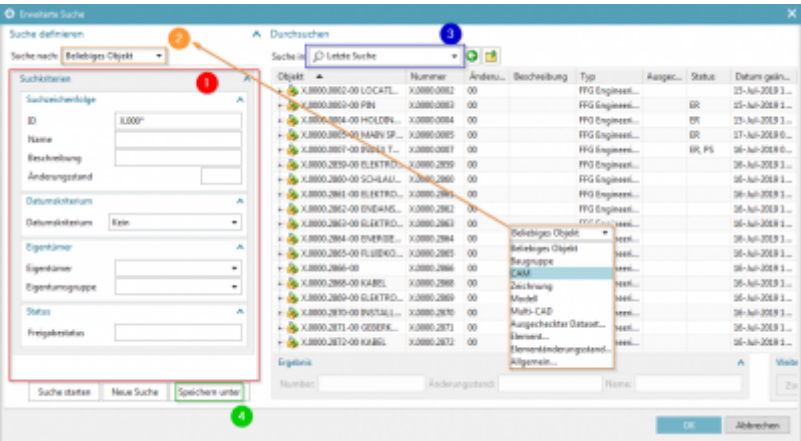
Latest Working Dialogfenster "Ladeoptionen"

Vorschau



1. Search Wildcards as in Teamcenter area
2. Advanced Search
3. Loading options for assemblies

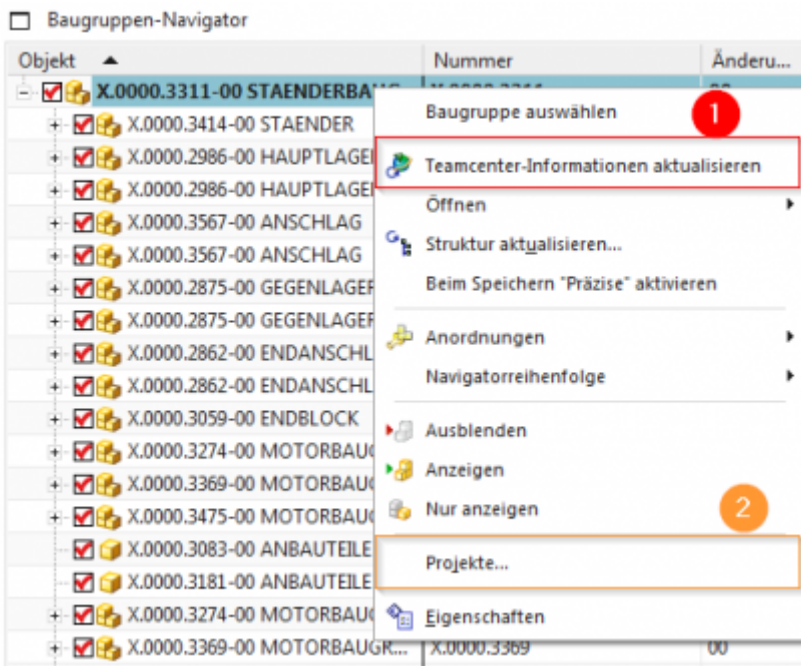
5.6 Teamcenter Navigator Advanced Search



1. Search criteria
2. Look for it:
3. Display last searches
4. ...Searches saved in "My Teamcenter"

5.7 Teamcenter functions in the assembly Navigator

- Keep all Teamcenter information up to date



1. Update information from Teamcenter
2. Add the object to a project