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5 Working with NX

5.1 Creating items in Teamcenter

Create a new part in Teamcenter as usual:

Select "File \rightarrow New \rightarrow Item" and select the type FFG Engineering Item .

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

Neues Element					G		-
bjekterstellungs	informationen						
Erstellungsinformat	ionen für Geschäftsobjekt	definieren					
FFG Engin	eering Item						
						Allge	meir
+ Elementinform	ationen (Erforderlich)						
ID:	X.0004.7703		"X."nnnn"."	'nnnn 👻 Z	luweiser	n	
Name:*	NX Example						
Falls Sie eine ID If you enter an ID	aus dem Namenskatalog from the naming catalog,	wählen, wird the choosen	i der oben ei name above	ingetragene N e will be overv	lame ül vritten.	berschri	eber
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Press "Next".

Enter the essential master data.

Release Information
*
-

Choose a name from the naming catalog.

New Item				
efine business obje	ct create information	1		
Define business object	create information			
# FFG Enginee	ring Item Revisi	ion		
	·			Genera
Char. Key:		~		
Check-out?:	⊖ True			
Naming Catalog ID:	Haupts	~		_
PL:	Value		Description	
Procur.Ind.:	1384		HAUPTSPINDEL MAIN SPINDLE	-
Q-Code:		¥		
Revision:		¥		
Revision:		*		
		< Bac	k Next > Finish	Close

Press "Finish". Then select the newly created item or item revision and start NX via ⁹ 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:

	N	X 🛛 🖬 Datei	Startseite	🗠 👉 陷 🔂 🤆 Baugruppen	🔁 🗋 🔹 🛹 🛛 Analyse
	C	<u>N</u> eu		5.11	Strg+N
		Öffne Nicht	Erzeugt eine verwattetes <u>t</u> er	neue Datei. Fottnen	Strg+0
		<u>L</u> eseze	ichen öffnen		
		<u>S</u> chlie	ßen		•
1.	Create a new data rec	ord via f	ile → New		
2.	Create a new record v	ia Ctrl+I	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.

Pro Drawing							
Vorlagen					^	Vorschau	
				Enheiten mm	*		
Name	Typ	Enheiten	Beciehung	Eigentümer	Dementtyp		
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🔊 Leexfolme Voelage	Konstruktion	mm	Kein	Kein	Kein		
Leexisivne Vorlage	Baugruppen	mm	Kein	Kein	Kein	Keine Vorscheu möglich	
ame und Attribute							
Name	Wet			Andere Paran	atar		^
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2 🛃 Name	# Depel	Ader Se, and	t Jonetsung durch.	Projekte			12
#geneteriaType	HALS			Ordner			
				Alexander			- m

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 Parts As								υ×
Select Parts		^	Name and Attrib			^		
Seve As Scope	Work Part	-		PPG Er	gineering Dem	ingineering Item Re		
Action	-	•	Object Name	D 🛛	Marre Norre	Revision	Projecta	
Save As	New Revision New Item	-	1 x.0000.3311-	×.0000.3311	STAENDERBAUG	* Double-click t	00002	
Other Parameters	New Revision					2		
Dependent Files Save As option	Save All	•						
			*	1	11			
			Secondary Attribute	6				100
			Edit Non Mesters to	Сору				P
			Projects					2
							< C	ancel
Save as action - New element	/ New c	han	ge stati	JS				
Double-click to assign a new re	evision i	nun	ber to t	the Iter	n Revisi	on.		

• 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.

chtsstil				Struktur	-
)bjekt 🔺	Nummer	Änderu	Beschreibung	Тур	Ausgec
🔮 Teamcenter					
🔹 🏠 Home			tcadm	Persönliche A	
🕂 🎬 Newstuff			tcadm	Newstuff Fol	
- 🤧 X.0003.0000	X.0003.0000			FFG Engineeri	
e 🐣 X.0003.0000	X.0003.0000	00		FFG Engineeri	
A.0003.0	X.0003.0000	00		Model	
😑 🥵 X.0003.0001 TR	X.0003.0001			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					
🔹 🔯 Meine Suche					
+ 😭 Projekte					
+ 📋 Zwischenablage					

• The following file operations are possible with RMT:

Object 🔺	Number	Revision	Description	Туре	Checke
+ 🎽 Newstuff			jdoe	Newstuff Fol	
😑 🍋 Testbaugruppen				Folder	
+ 🔧 X.0000.3311	X.0000.3311			FFG Engineeri	
🖲 🔧 X.0000.3	Defeat			FFG Engineeri	
+ 🔧 X.0000.3	Kerresh			FFG Engineeri	
+ 🔧 X.0000.3	Open			FFG Engineeri	
+ 🔧 X.0000.3	Cut			FFG Engineeri	
🖲 🔧 X.0000.3				FFG Engineering	Item
+ 🔧 X.0000.9	Сору			FFG Engineeri	
+ 🔧 X.0001.8	Add Compone	nt 2		FFG Engineeri	
+ 🔧 X.0001.8				FFG Engineeri	
• 🔧 X.0001.8	Projects 3			FFG Engineeri	
+ 🔧 X.0004.4:	Show Require	ment Links		FFG Engineeri	
the Court				Falder	

1. Cut and Copy has the same effect as in the "My Teamcenter" environment 2. Opens the "Add Component" dialog

Add the object to a project

5.5 Teamcenter Navigator Search

Anishtstil		 Teamcenter Navigator 					
Opiet Nummer Anderu- Beschreibung Typ Ausge- Image: Newstuff Interventer		Ansichtsstil				F: Struktur	•
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1. Search Wildcards as in Teamcenter area		- 🔮 Teamcenter					
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Image: standard sequence of the		😑 🊞 Newstuff			tcadm	Newstuff Fol	
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Kontext Anderungsstandregel/Konfiguration Latest Working Vorschau Vorschau Image: Construction of the second		Option Teilweise geladen		•			
Latest Working Dialogfenster "Ladeoptionen" Vorschau Image: Construction of the second se		Kontext Anderungsstandregel/	Konfiguration				
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Loading options for assemblies

5.6 Teamcenter Navigator Advanced Search

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4.	Sea	rches	saved	in "My Tea	mce	nte	r"					

5.7 Teamcenter functions in the assembly Navigator

• Keep all Teamcenter information up to date

Baugruppen-Navigator			
Objekt 🔺		Nummer	Änderu
😑 🗹 🚱 X.0000.3311-00 STAENDERBA		V 0000 0044	
🗉 🗹 🚱 X.0000.3414-00 STAENDER		Baugruppe auswahlen	
X.0000.2986-00 HAUPTLAGE	۶	Teamcenter-Informationen aktuali	sieren
🗉 🗹 🔥 X.0000.2986-00 HAUPTLAGE	~	Öffnen	
- 🗹 🏤 X.0000.3567-00 ANSCHLAG	G.	Charles and a line and a	
🖃 🔀 X.0000.3567-00 ANSCHLAG		Struktur aktualisieren	
		Beim Speichern "Präzise" aktivierer	1
	ф	Anordnungen	,
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		Navigatorreinentoige	,
E - ₩ 3 X.0000.3059-00 ENDBLOCK	•3	Ausblenden	
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		Nursessiese	
	-	Nur anzeigen	9
		Projekte	
	-		
+ X.0000.3274-00 MOTORBAU	Ф.	Eigenschaften	
■ X.0000.3369-00 MOTORBAUC	sR	X.0000.3369	00
Update information from Teamcenter			

2. Add the object to a project