

Prepared for: **Siemens BT**

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## Document Information

<b>Project Name:</b>	Revisionierung von Common Components		
<b>Prepared by:</b>	Samuel	<b>Version no:</b>	1-0
<b>Title:</b>	PLM Consultant	<b>Version date:</b>	02.06.2017

## Distribution List

<b>Company</b>	<b>Persons</b>
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## Change History

Ver. no.	Date	Author	Reason	Description
1-0	04.05.2017	S. Wetter	Initial Version	-

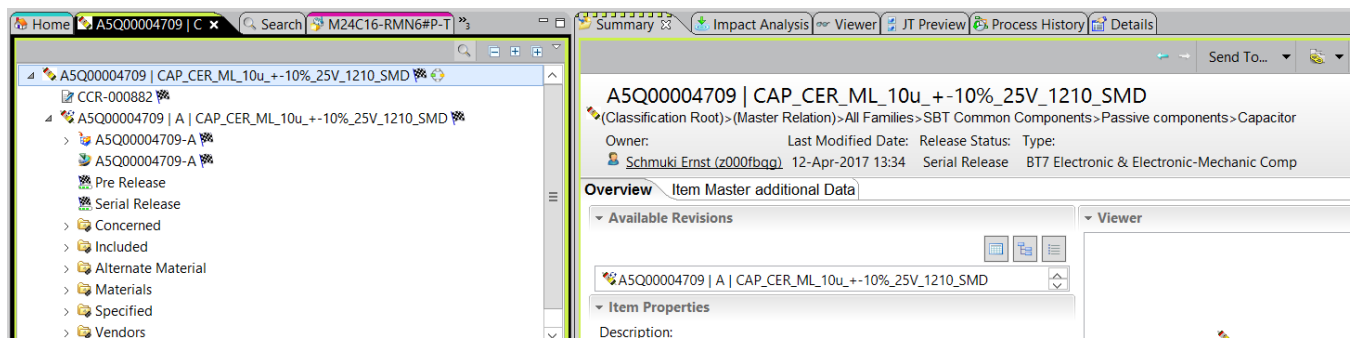
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# 1 Initial Situation/Problems

## 1.1 Situation

At Siemens BT the Common Components have 3D-DirectModels (JT-Files) attached:



## 1.2 Problems

If a Common Component gets revised, the new revision has no 3D-DirectModel related. This means it must be attached manually.

But instead another problem popped up. The revision name of the new 3D-DirectModel gets not updated (e.g. A5Q00004709-A → A5Q00004709-B).

## 1.3 Goals

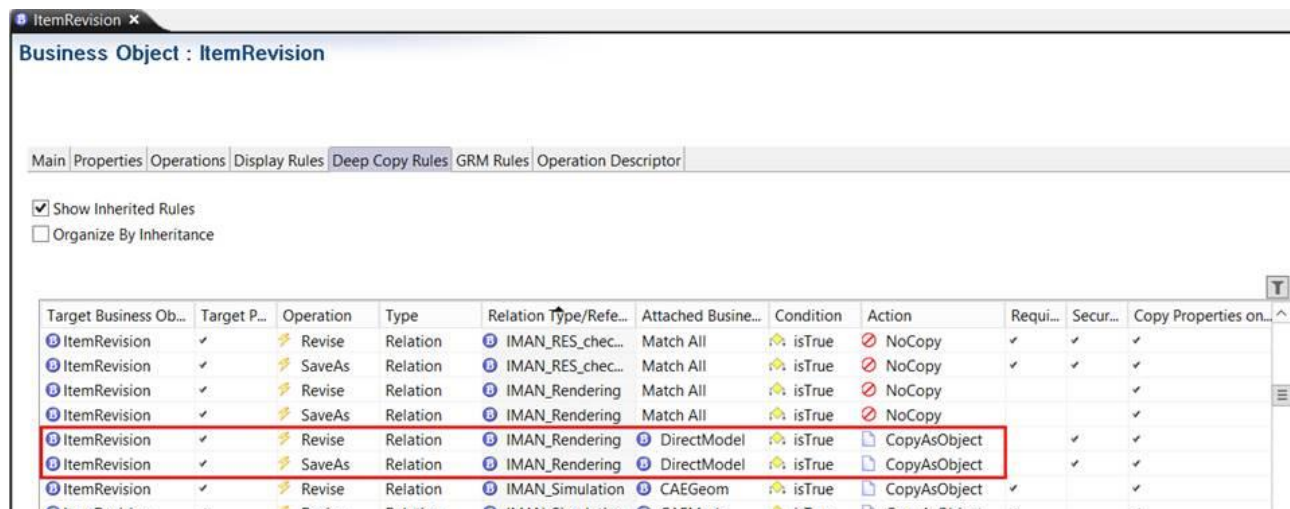
The 3D-DirectModel should be automatically copied as object when revising a Common Component. This should be the default selected copy option.

## Revisionierung von Common Components

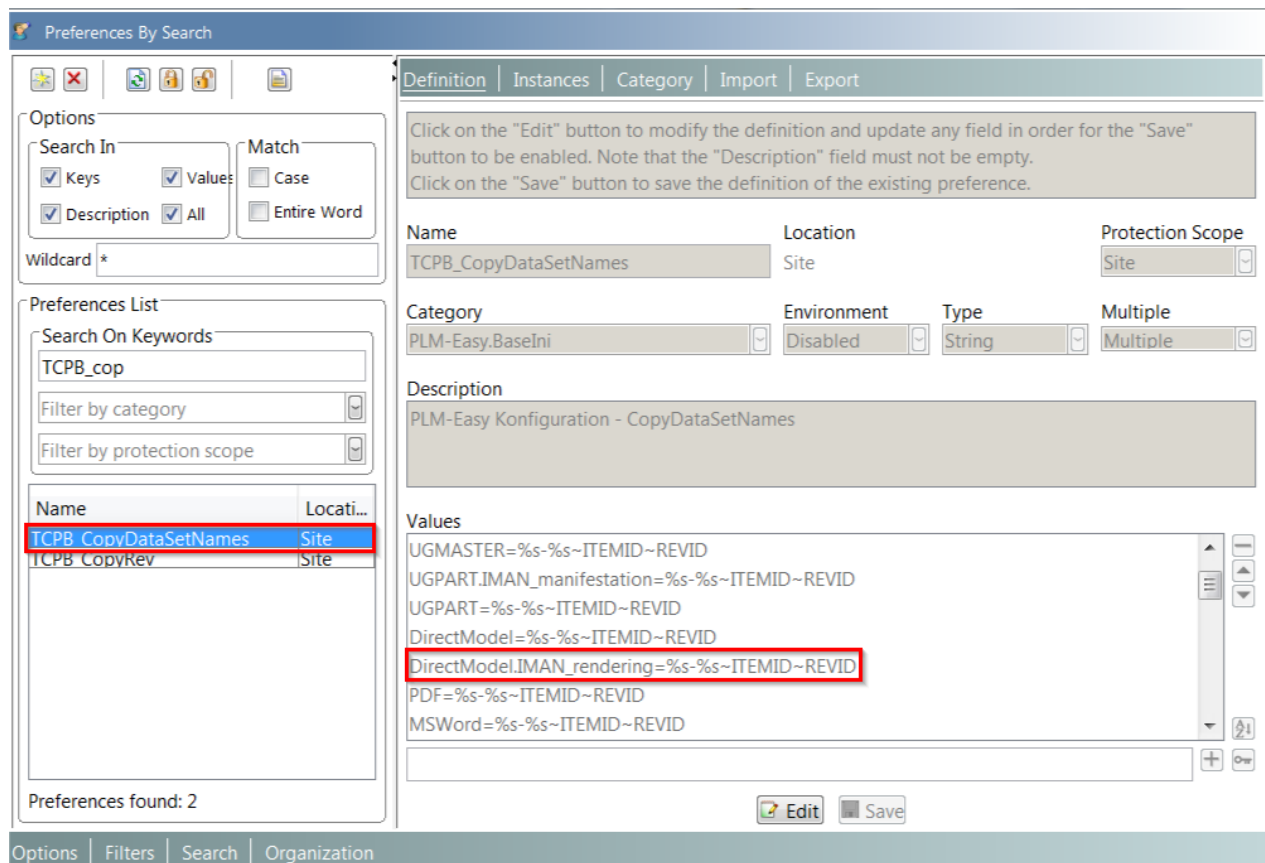
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## 2 Solution

During the evaluation of the problem it was found, that the behavior of the 3D-DirectModels on revising is already correct and for that topic no changes are required.



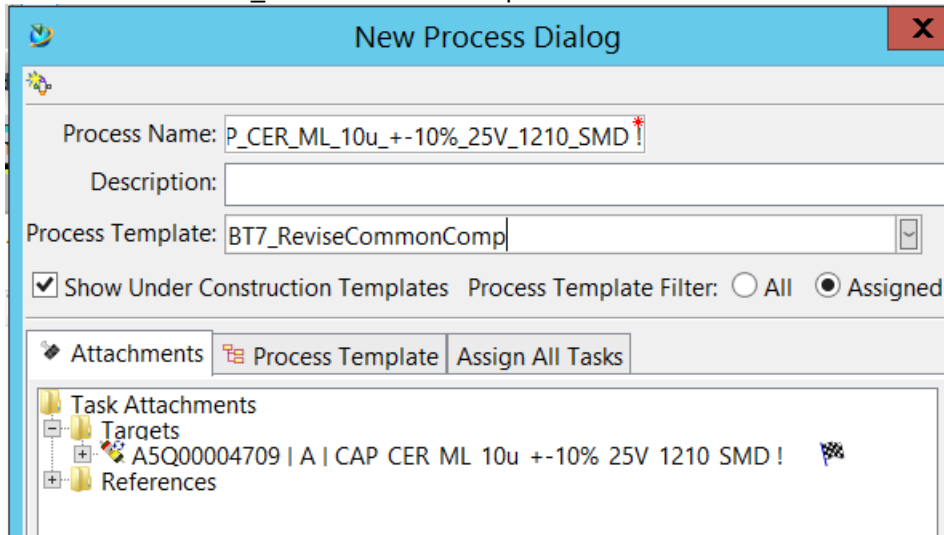
To solve this issue with the wrong revision naming of the 3D-DirectModel the appropriate site preference "TCPB\_CopyDataSetNames" of PLM-Easy-Toolbox must be modified (adding new value for DirectModel.IMAN\_rendering):



## 3 Test-Cases

### 3.1 Test-Steps

1. Search an existing Common Component in Teamcenter
2. Start Workflow "BT7\_ReviseCommonComp" on revision



3. Revise the Common Component

### 3.2 Expected Results

The new revision of Common Component has a related 3D-DirectModel attached and its revision name is correct:

