



# Customizing Pre-V5R18 Databases to use the NewFrom Rule

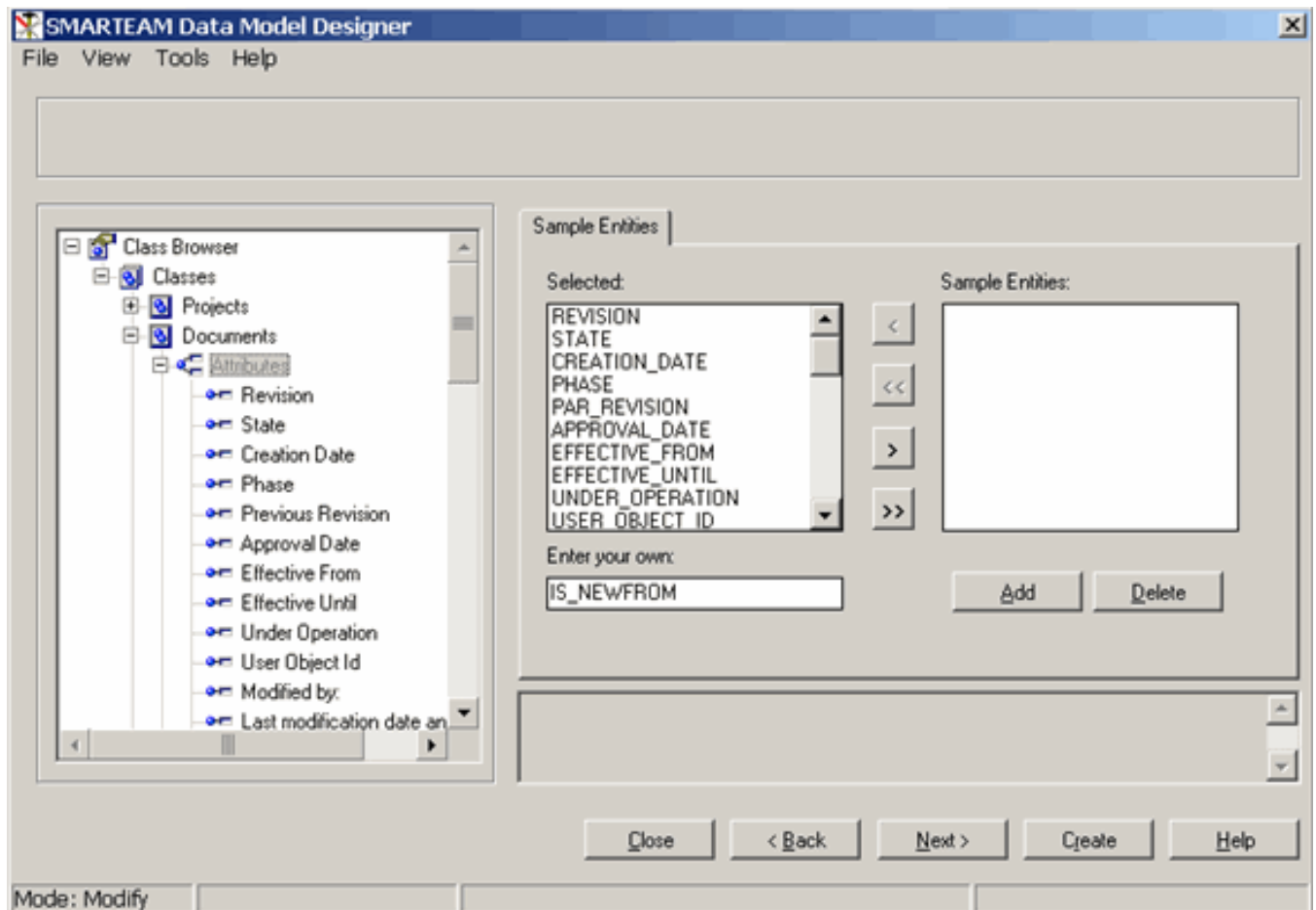


This section provides mandatory operating instructions to system administrators who need to ensure that the NewFrom rule works when using SmarTeam databases versions anterior to Version 5 Release 18.

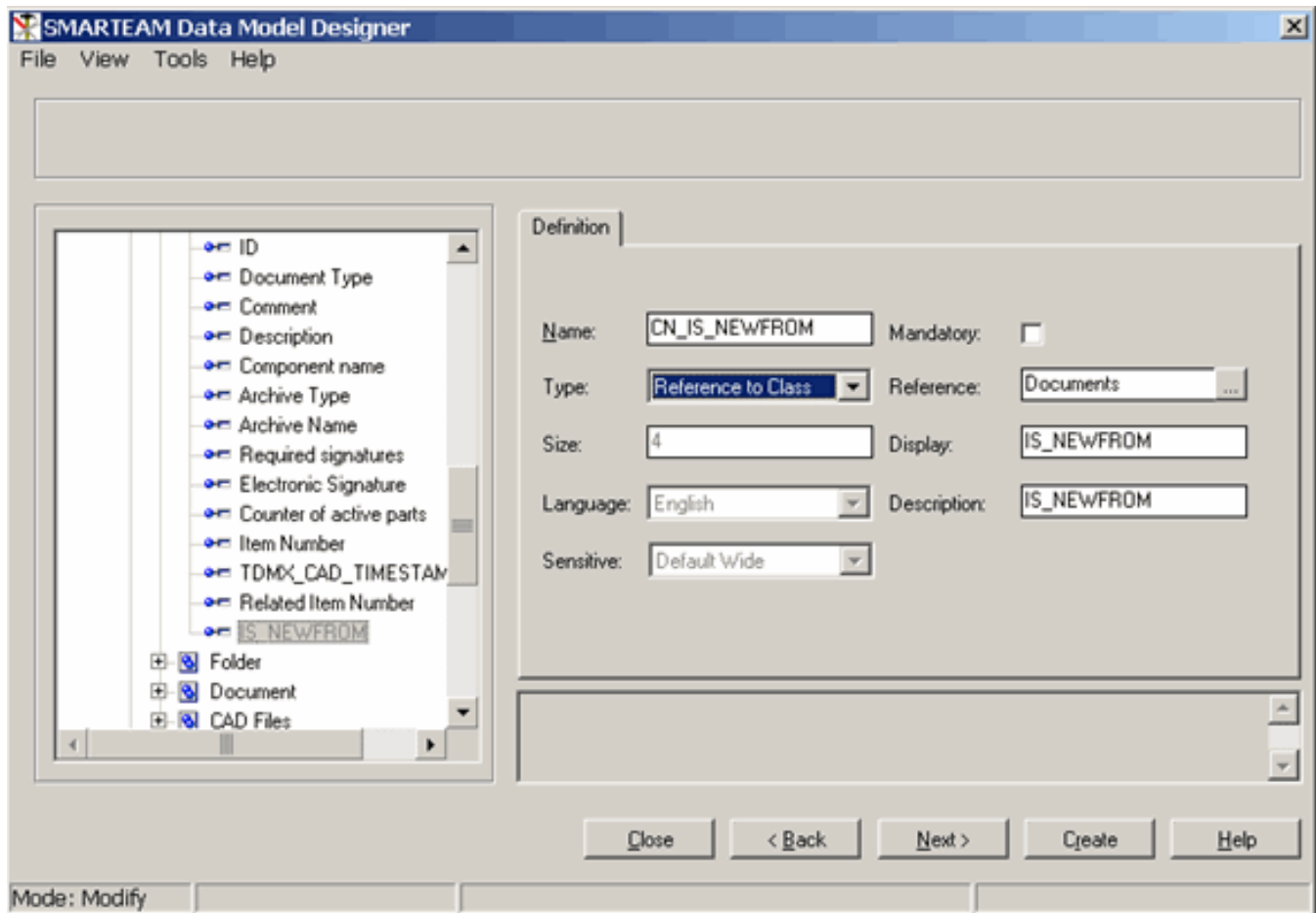
This task shows you how to integrate a dedicated attribute in the SmarTeam database. For more information about the NewFrom rule, see [Defining the Reconciliation Rule You Need](#)



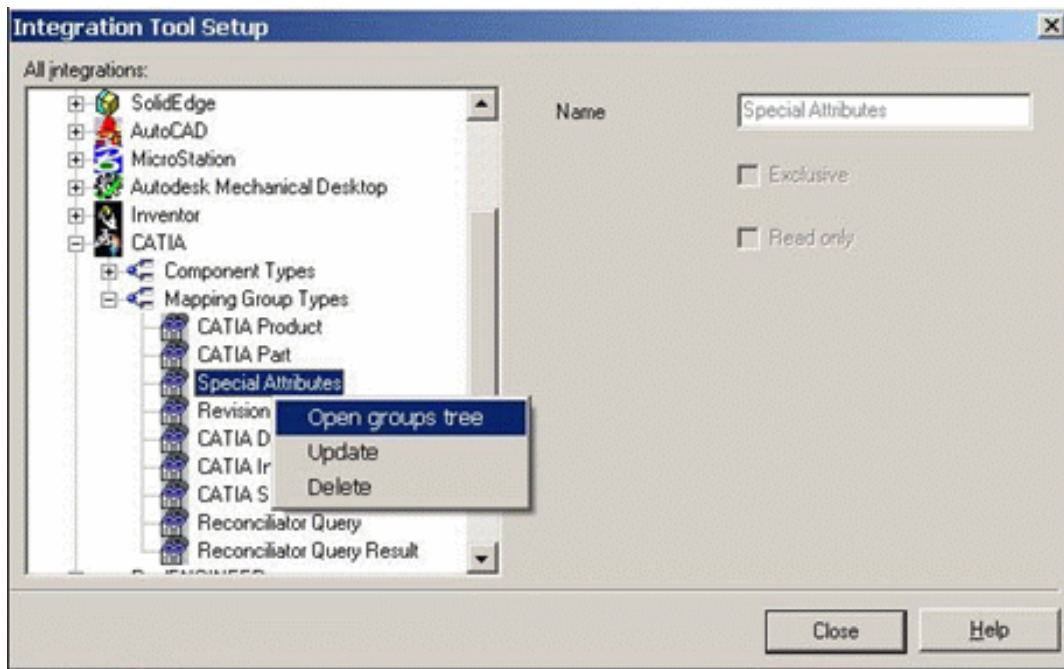
1. Launch the **SmarTeam Data Model Designer** tool.
2. From the **File** menu, select **Modify Database Structure**.
3. Select your database.
4. Create the **IS\_NEWFROM** new attribute for the **Documents** super class. Note that **CN\_** is automatically added.



5. Modify the attribute definition as follows: set **Reference to Class** as the attribute type and enter 4 as the size.

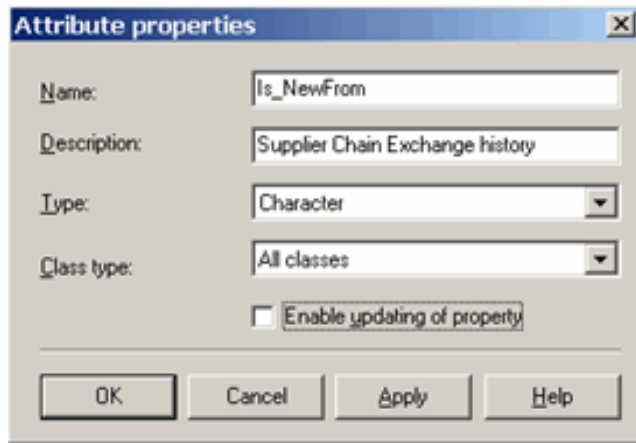


6. Save the modification in the database.
7. Launch the **Integration Tools Setup** utility.
8. Open the **Special Attribute** group tree.

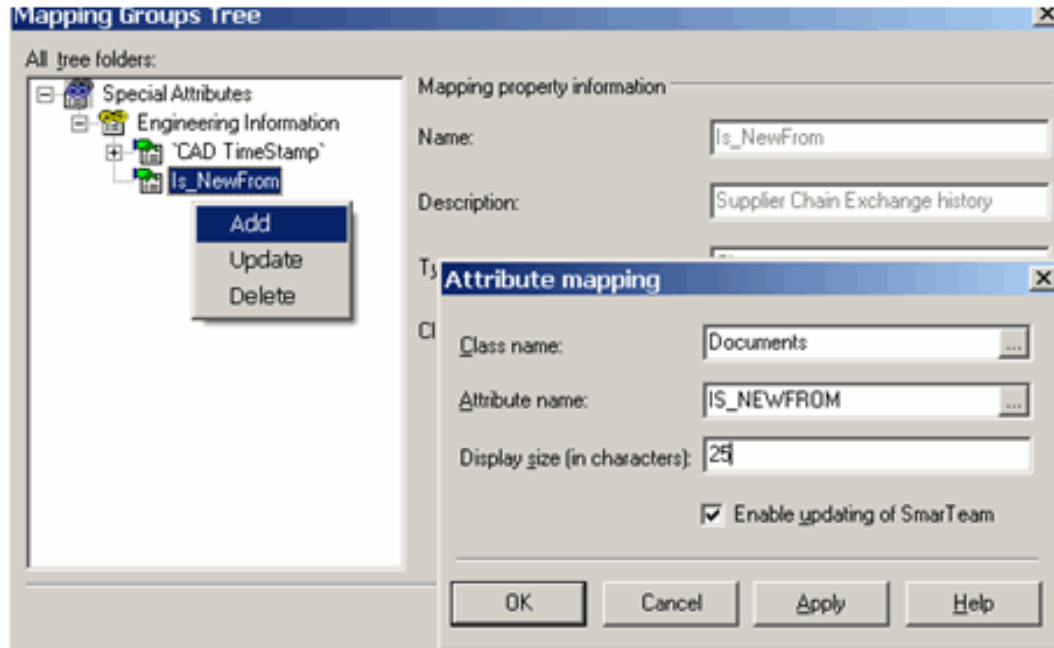


9. Create an attribute property named **Is\_NewFrom**.  
You must enter the exact name: as indicated, use one underscore character and

upper/lower cases. The application only checks this attribute property name and retrieves the database attribute name from it.



- 10.** Add an attribute mapping by selecting the Documents class and the **IS\_NEWFROM** attribute previously created in **SmarTeam Data Model Designer**.



For reference information about SmarTeam Data Model Designer, see the *SmarTeam-Editor documentation*.



# Defining the Reconciliation Rule You Need



Once you have mapped the documents to reconcile, you need to define how you want to reconcile them. Defining this consists of setting reconciliation rules.

A reconciliation rule is a set of information required to reconcile the documents loaded in the CATIA session with the ones stored in the SmarTeam vault.

Five reconciliation rules can be defined:

- **Overwrite**
- **Reload**
- **New**
- **New From**
- **Keep As External**


This task shows you how to define a reconciliation rule for each document loaded in your CATIA session. It assumes that you have already performed a [query](#).

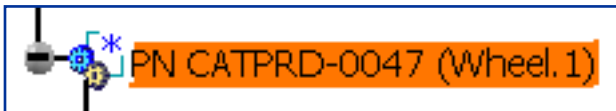
The steps described must be followed if your session contains a small number of documents. Whenever you will need to reconcile a large number of documents, we recommend you [automate the valuation of reconciliation rules](#).



1. From the **Objects to reconcile** tree, select the document which has already been mapped to a SmarTeam object.
2. Right-click and select any of the following rules:
  - **New**
  - **New From**
  - **Overwrite**
  - **Reload**
  - **Keep as external**

## New

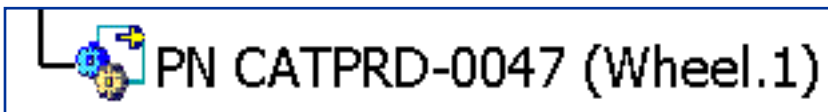
Right-click and select **New**. As an alternative, you can click . When applying the **New** rule, the reference object is considered as a new object in SmarTeam. Once done, a new icon indicates the rule set for this document.




## New From

Right-click and select **New From**. As an alternative, you can click .

When applying the **New From** rule, the reference object is considered as a new object in SmarTeam. Once done, a new icon indicates the rule set for this document.




The **New From** rule is used when, for example, you are reconciling a structure exposed document. Because it is not possible to set the

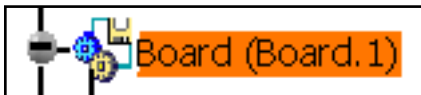
**Overwrite** rule  to CATProduct documents saved in structure exposed mode, you can use the **New From** rule to keep the history of the different versions of a product. When saved to SmarTeam, a

document with the **New From** rule applied results in a new document created along with a link between the new document and the SmarTeam document it is mapped to. **New From** is available only if the following are all true:


- The CATIA document is mapped to a SmarTeam document
- The two documents have the same type (CATProduct, CATPart, CATDrawing ...)
- The two documents don't have the same CATIA Internal Identifier (UUID)

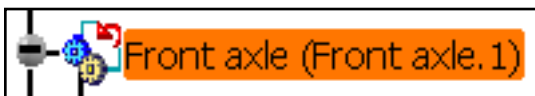
## Overwrite

Right-click and select **Overwrite**. As an alternative, you can click . When applying the **Overwrite** rule, the object loaded in the CATIA session overwrites the one stored in SmarTeam. Once done, a new icon indicates the rule set for this document.



## Reload

Right-click and select **Reload**. As an alternative, you can click . When applying the **Reload** rule, the SmarTeam object is kept. Once done, a new icon indicates the rule set for this document.



## Keep as External

Right-click and select **Keep As External**. As an alternative, you can click .

The **Keep As External** rule is available only for documents that are not

present. This rule enables you to ignore broken links in the reconciliation process.

When done, a new icon indicates the rule set for this document.



For more information, see [Managing Broken Links](#) and [Internal Intellectual Property \(I.P.\) Protection - Integrating Subsets of Data](#).

