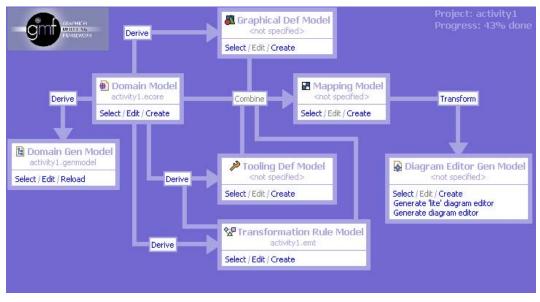
Overview of Model and Wizard Changes in GMF 2.0M3 by the Tiger GMF Transformer Extension

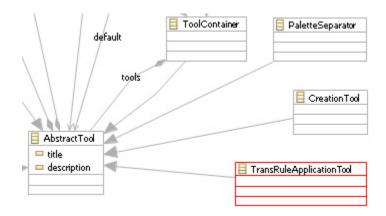
http://tfs.cs.tu-berlin.de/emftrans/gmftrans

1. GMF Dashboard Extension



Transformation Rule Model has been added to the GMF Dashboard.

2. Tooling Definition Model Extensions

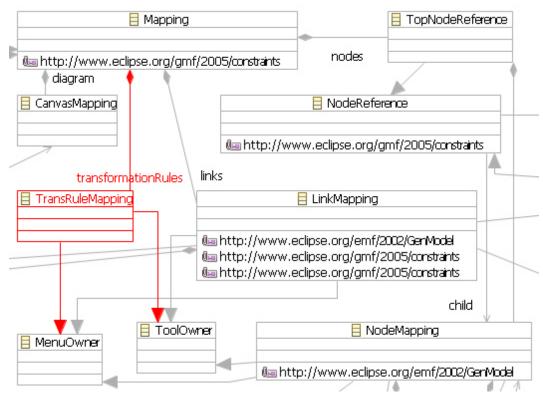


New TransRuleApplicationTool (red) in the TDM

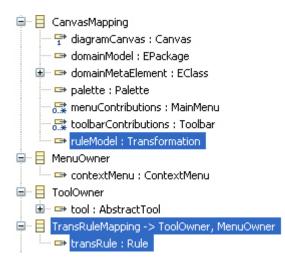
🖶 New
Ruletool Definition Select transformation model, which fits to your selected ecore model. It is not mandatory to select a transformation model
Model URI: Browse File System Browse Workspace Find In Workspace platform:/resource/activity1/model/activity1.emt Load
Rulename found CreateStartGraph InsertSimpleAfterStart InsertDecisionAfterSimple InsertDecisionAfterSimple DeleteSimpleAfterSimple ReplaceSimpleByDecision DeleteDecision ReplaceSimple Repla
? < Back Next > Finish Cancel

Adapted Wizard for Rule Entries in the TDM

3. Mapping Model Extensions



TransRuleMapping Extension (red) in the Mapping Model



Embedding of a new Transformation Rule (ruleTrans) in the Mapping Model

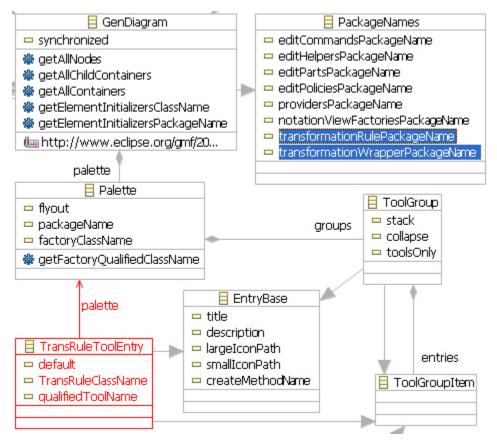
🖨 Create GMFMap model 🛛 🔀				
Select Transformation Model Load Transformation Model and select transformation for rule mapping.				
Model URI: Browse File System Browse Workspace Find In Workspace				
platform:/resource/activity1/model/activity1.emt Load				
Transformation Model	Activity Diagram Rules			
0	< Back Next > Finish Cancel			

Extended Mapping Model Wizard for the Embedding of Transformation Rules

Create GMFMap model		
Mapping Map domain model elements		
Nodes StartActivity -> Activity (StartActivity; a Next (StartActivity; next) DecisionActivity -> Activity (DecisionActi SimpleActivity -> Activity (SimpleActivity EndActivity -> Activity (EndActivity; acti	As node < As link> Remove Rem	iles eateStartGraph (CreateStartGraph ertSimpleAfterStart (InsertSimple, ertSimpleAfterSimple (InsertSimple ertDecisionAfterSimple (CeleteSimpleAfterSimple (DeleteSimpleAfterSimple (CeleteSimpleByDecision (<unspecifi< td=""></unspecifi<>
Structure Element: Containment: Target Feature: begin Visual Diagram Element: Next	Edit Constraints Specialization:	Change
0	< <u>B</u> ack <u>N</u> ext >	<u>Finish</u> Cancel

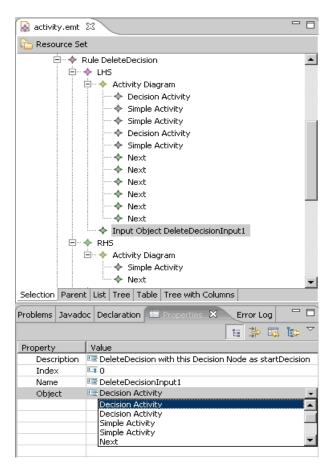
Extended Mapping Wizard for Transformation Rule Embedding

4. Generator Extensions

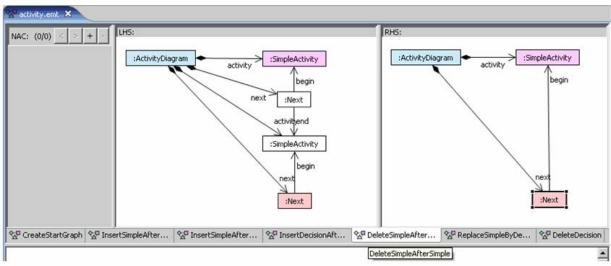


New TransRuleToolEntry (red) and extended PackageNames (for rule packages) in the Generator Model

5. New EMF Model Transformation (EMT) Model



Editing of Transformation Rules in the Tree-Based Editor



Editing of Transformation Rules in the Graphical Editor