Examples provided with Dresden OCL2 for Eclipse

Claas Wilke

February 10, 2009

This document provides an overview over examples which are provided with *Dresden OCL2 for Eclipse*. How to load models and model instances and how to parse and interpret constraints is explained in a general *Dresden OCL2 for Eclipse Tutorial* which can be found at http://dresden-ocl.svn.sourceforge.net/viewvc/dresden-ocl/trunk/ocl20forEclipse/doc/pdf/tutorial.pdf.

Living example	
Plug-in package	`tudresden.ocl20.pivot.examples.living`
Meta model	UML 1.5
Model	`model/UmlExample.xmi`
OCL expressions	`expressions/living.ocl`
Model instance	`src/tudresden.ocl20.pivot.examples.living/` `ModelProviderClass.java`

PML example	
Plug-in package	`tudresden.ocl20.pivot.examples.pml`
Meta model	Ecore
Model	`model/pml.ecore`
OCL expressions	`expressions/testpml.ocl`
Model instance	`model instance/Testmodell.pml`

Royal and Loyal example	
Plug-in package	`tudresden.ocl20.pivot.examples.` `royalandloyal`
Meta model	UML 1.5 or UML 2.0
Model	`model/royalsandloyals.xmi` (with UML 1.5) `model/royalsandloyals.uml` (with UML 2.0)
OCL expressions	`expressions/*.ocl`
Model instance	`src/tudresden.ocl20.pivot.examples.` `royalsandloyals/ModelProviderClass.java`

Simple example	
Plug-in package	`tudresden.ocl20.pivot.examples.simple`
Meta model	UML 1.5 or UML 2.0
Model	`model/simple.xmi` (with UML 1.5)
	`model/simple.uml` (with UML 2.0)
OCL expressions	`constraints/invariants.ocl`
Model instance	`src/tudresden.ocl20.pivot.examples.simple/`
	`ModelProviderClass.java`