

SysML-Modelica Transformation Specification

ERRATA

Version 1.0 Beta 3

List of errata for document ptc/2012-03-18

Correction 1: Section 13, page 33

Replace Ecore-related terminology (e.g. Eclass) by EMOF-related terminology (e.g. Class)

Replace:

Epackage, Eclass, Ereference

respectively by:

Package, Class, Property

Correction 2: Section 13, page 35

Replace:

“a flag to indicate if this class is declared as partial”

by:

“The CLASS meta-class also includes properties indicating if it is partial and final.”

Correction 3: Section 7, page 5

Insert at the end of the first paragraph in Section 7:

“The <<conformsTo>>, <<transformation>> and <<instanceOf>> stereotypes are purely informal.”

Correction 4: Cover page

Delete:

“This document was derived from the “SysML-Modelica (SysM) Specification, version 1.0 Beta 2,”
OMG document (ptc/2011-08-14) submitted to OMG in response to the “SysML-Modelica 1.0 FTF2 ”

Correction 5: Section 0, page 1

Replace title: “Abstract”

by: “Overview”

Correction 6: Section 0, page 1

Replace in the footnote: “non-normative”

by: “normative”

Correction 7: Section 7, page 6

Add: a footnote “Java Metadata Interface (JMI), <http://java.sun.com/products/jmi/>” for “JMI”

Correction 8: Annex C, page 80

Replace:

All the Java and QVT transformation files used for the implementation of the transformation have been zipped into a common file that can be retrieved at this URL: <http://www.omg.org/cgi-bin/doc?Ptc/2011-08-16>

by:

The QVT transformation files can be retrieved at these URLs:

QVT Transformation: <http://www.omg.spec/SysM/20120214/Modelica2ModelicaUnparsed.qvto>

QVT Transformation: <http://www.omg.spec/SysM/20120215/ModelicaUnparsed2SysML.qvto>

QVT Transformation: <http://www.omg.spec/SysM/20120216/SysML2ModelicaUnparsed.qvto>

QVT Transformation: <http://www.omg.spec/SysM/20120217/ModelicaUnparsed2ModelicaMO.qvto>

Correction 9: Section 13, page 34-35

Replace Figures 13, 14 and 15 respectively by:

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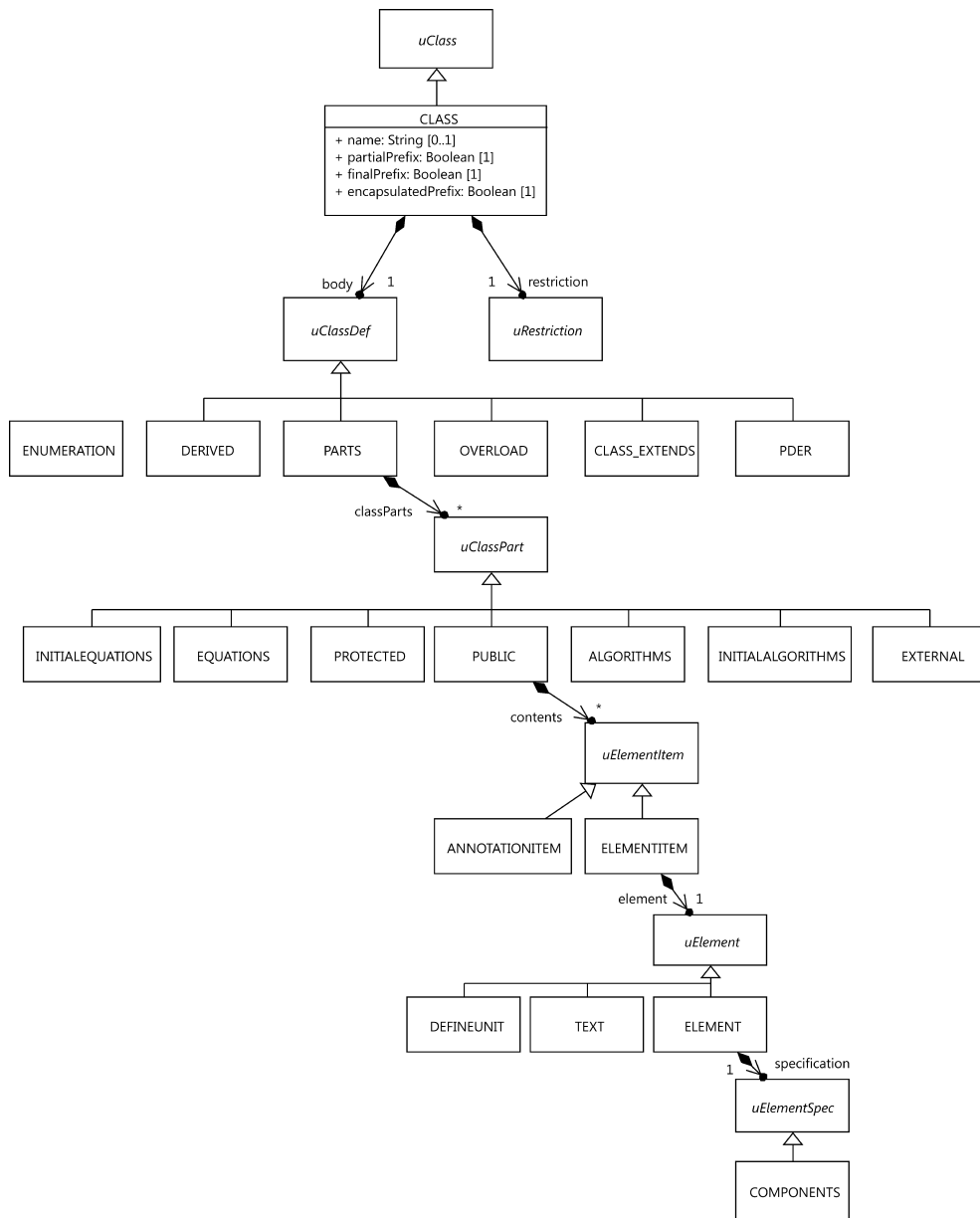


Figure 13: CLASS meta-class and relationships

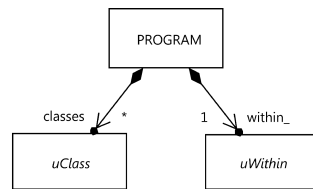


Figure 14: PROGRAM meta-class and relationships

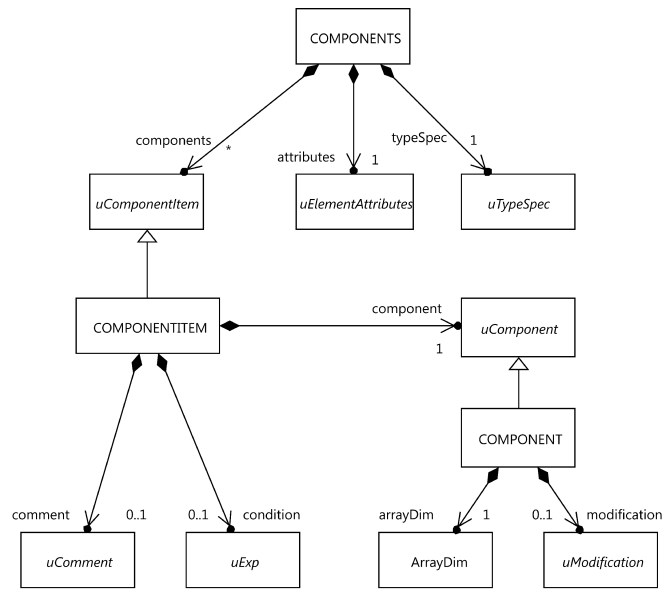
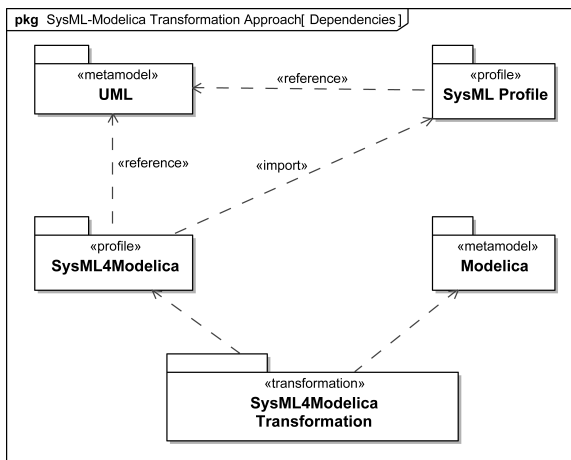


Figure 15: COMPONENTS meta-class and relationships

Rationale: Delete association end types + Replace EString/EBoolean by String/Boolean

Correction 10: Section 7, page 5

Replace Left figure 2 by:



Rationale: Replace the UML4SysML package by UML

Correction 11: Section 8, page 8

The fromLibrary attribute needs to be deleted from the diagram.

Replace Figure 5 by:

