**Issue 16376: Ecore is used for the Modelica metamodel in Part III rather than EMOF (sysml-modelica-ftf)**

*Click [here](http://www.omg.org/issues/issue16376.txt) for this issue's archive.*   
**Source:** Georgia Institute of Technology (Mr. Axel Reichwein, [axel.reichwein(at)me.gatech.edu](mailto:%20axel.reichwein%28at%29me.gatech.edu))  
**Nature:** Uncategorized Issue  
**Severity:**   
**Summary:**

Ecore is used for the Modelica metamodel in Part III rather than EMOF (EMOF is also supported by the EMF technology). Oddly though I can see no depiction of the metamodel in either ecore or EMOF: I would for example expect to see some UML class diagrams. Instead there is what appears to be Modelica syntax.

**Resolution:**   
**Revised Text:**   
**Actions taken:**  
July 21, 2011: received issue  
  
**Discussion:**

There has been insufficient input to the current FTF to consider the resolution at

this time.

Disposition: Deferred

**Issue 16377: The UML Profile is represented in proprietary Eclipse format (sysml-modelica-ftf)**

*Click [here](http://www.omg.org/issues/issue16377.txt) for this issue's archive.*   
**Source:** Georgia Institute of Technology (Mr. Axel Reichwein, [axel.reichwein(at)me.gatech.edu](mailto:%20axel.reichwein%28at%29me.gatech.edu))  
**Nature:** Uncategorized Issue  
**Severity:**   
**Summary:**

The UML Profile is represented in proprietary Eclipse format

**Resolution:**   
**Revised Text:**   
**Actions taken:**  
July 21, 2011: received issue  
  
**Discussion:**

There has been insufficient input to the current FTF to consider the resolution at

this time.

Disposition: Deferred

**Issue 16545: SysML-Modelica Transformation Spec problem with <reference> (sysml-modelica-ftf)**

*Click [here](http://www.omg.org/issues/issue16545.txt) for this issue's archive.*   
**Source:** Lockheed Martin (Mr. Michael Jesse Chonoles, [michael.j.chonoles(at)lmco.com](mailto:%20michael.j.chonoles%28at%29lmco.com))  
**Nature:** Uncategorized Issue  
**Severity:**   
**Summary:**

As found by Lenny Delligatti of Lockheed Martin.

On page 5 of the spec., it shows that the SysML4Modelica profile references the SysML profile (Figure 2 in the screenshot below):

But I believe that’s an error. I believe that a «reference» dependency is only legal from a profile to a metamodel.

One profile can «import» another profile (and thus transitively reference a metamodel), but not «reference» another profile.

**Resolution:**   
**Revised Text:**   
**Actions taken:**  
September 9, 2011: received issue

**Issue 16556: SysML-Modelica Transformation Spec problem with <reference> (sysml-modelica-ftf)**

*Click [here](http://www.omg.org/issues/issue16556.txt) for this issue's archive.* *Click* [*here*](ftp://ftp.omg.org/pub/issue-attachments/16556/16556.docx) *for this issue's attachments.*   
**Source:** Lockheed Martin (Mr. Michael Jesse Chonoles, [michael.j.chonoles(at)lmco.com](mailto:%20michael.j.chonoles%28at%29lmco.com))  
**Nature:** Uncategorized Issue  
**Severity:**   
**Summary:**

As found by Lenny Delligatti of Lockheed Martin.

On page 5 of the spec., it shows that the SysML4Modelica profile references the SysML profile (Figure 2 in the screenshot below):

But I believe that’s an error. I believe that a «reference» dependency is only legal from a profile to a metamodel.

One profile can «import» another profile (and thus transitively reference a metamodel), but not «reference» another profile.

**Resolution:**   
**Revised Text:**   
**Actions taken:**  
September 9, 2011: received issue  
  
**Discussion:**

**Issue 16593: clarification needed for the fromLibrary attribute (sysml-modelica-ftf)**

*Click [here](http://www.omg.org/issues/issue16593.txt) for this issue's archive.*   
**Source:** Georgia Institute of Technology (Prof. Chris Paredis, Ph.D, [chris.paredis(at)me.gatech.edu](mailto:%20chris.paredis%28at%29me.gatech.edu))  
**Nature:** Clarification  
**Severity:**   
**Summary:**

In the SysML-Modelica Transformation Specification (http://www.omg.org/spec/SyM/1.0/Beta1/PDF/), the attribute fromLibrary for the stereotype Â«modelicaClassDefinitionÂ» is not sufficiently clearly defined (Section 8.2, page 10). The spec mentions that some details (e.g. "value properties and parts") can be omitted when using the fromLibrary tag, but the spec is not sufficiently precise as to which details exactly can/should be omitted and which should still be retained. Since this is a construct that will likely be used extensively, it should be defined more precisely.

**Resolution:**   
**Revised Text:**   
**Actions taken:**  
October 12, 2011: received issue