

CellML2SBML

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EBI is an Outstation of the European Molecular Biology Laboratory.

CellML

<http://www.cellml.org>

- Current version 1.1
- CellML 1.2 in development with additional specs for different metadata.

CellML elements

- variable => parameter in SBML
- units => UnitDefinition
- mathML => RateRule, AssignmentRule (with small modifications to the mathML)
- Should be able to use the private/public interface + import using SBML level 3 and the model composition package.

Problems

- Need more semantics to create SBML Reaction
- Otherwise the translation is quite fine this way.

Current converters

- EBI's xslt version
- Soon Lucian software