Status update

Sarah Keating

on behalf of the

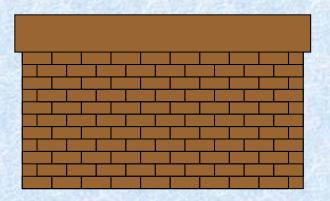
SBML Team

API library for working with SBML

• read



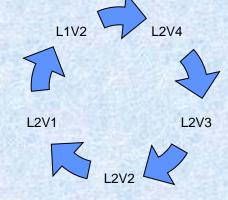
- read
- create



- read
- create
- manipulate



- read
- create
- manipulate



convert between levels/versions

- read
- create
- manipulate



write



- read
- create
- manipulate
- convert between levels/versions
- write
- validate

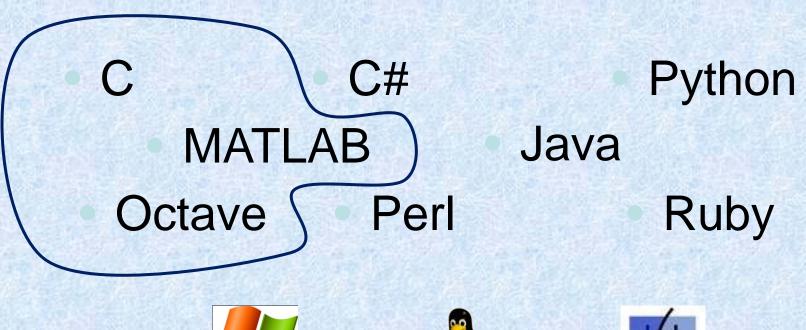




API library for working with SBML



Standard ANSI C++











Current status

libSBML Releases

Name *	Modified -
↑ Parent folder	
■ 5.0-packages-beta	2011-04-15
5.0.0	2011-04-14
4.3.1	2011-03-29

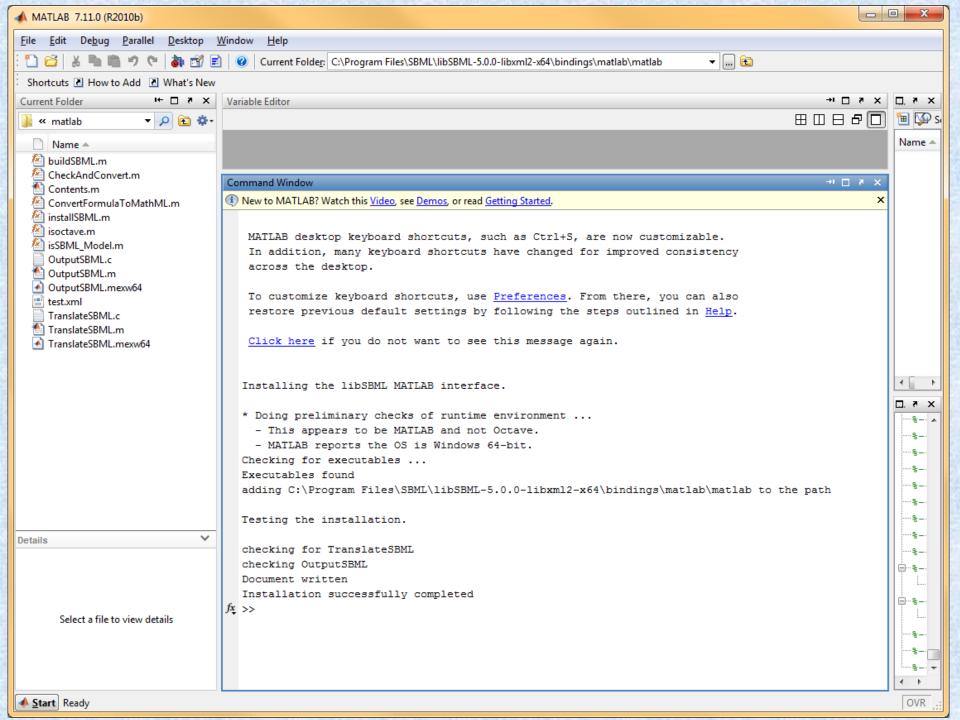
libSBML Releases

Name +	Modified ◆
↑ Parent folder	
5.0-packages-beta	2011-04-15
5.0.0	2011-04-14
4.3.1	2011-03-29

no longer writes out an unset attribute

no longer writes out an unset attribute

improved building MATLAB/Octave



- supports SBML
- Level 1
- Level 2
- Level 3 Core

- supports SBML
- Level 1
- Level 2
- Level 3 Core
- stable

- supports SBML
- Level 1
- Level 2
- Level 3 Core
- stable





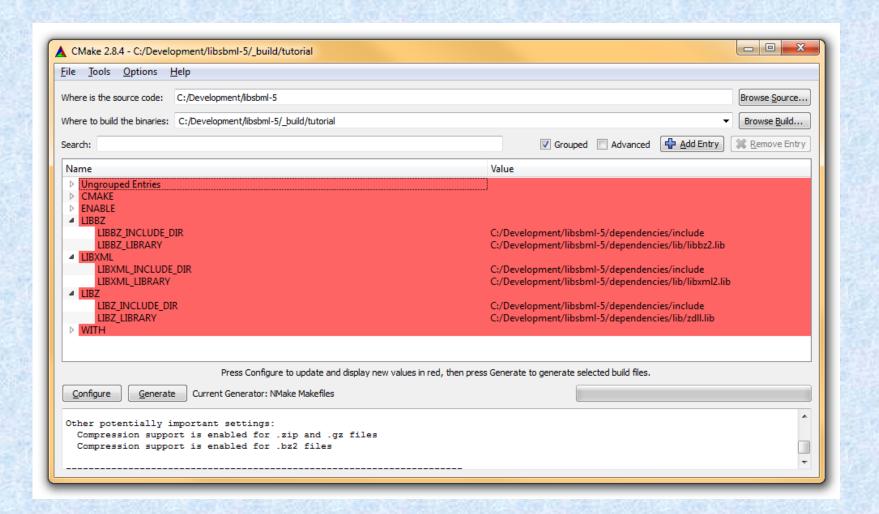


libSBML Releases

Name *	Modified ◆
↑ Parent folder	
■ 5.0-packages-beta	2011-04-15
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4.3.1	2011-03-29

- supports SBML
- Level 1
- Level 2
- Level 3 Core
- stable

- supports SBML
- Level 1
- Level 2
- Level 3 Core
- stable
- extension mechanism for packages



Please upgrade

libSBML Releases

Name *	Modified ◆
↑ Parent folder	
■ 5.0-packages-beta	2011-04-15
5.0.0	2011-04-14
4.3.1	2011-03-29

libSBML 5.0.0 packages

Home / libsbml / 5.0-packages-beta

Name ▼



fba-5.0.0-beta-1.zip

groups-5.0.0-beta-1.zip

README.txt

req-5.0.0-beta-1.zip

spatial-5.0.0-beta-1.zip

Developers of new packages

libSBML-5 Documentation

Main Page	Classes	Files
Wall Tage	Ciusses	Tiles

About libSBML and its use

How to implement a package extension

This section describes the summary of how to implement a package extension for libSBML-5.

(Note that since libSBML-5 is currently in development stage the API described in this documentation may be changed in the future.)

- 1. Implement an SBMLExtension derived class
- 2. Implement SBase derived classes of the package extension
- 3. Implement SBasePlugin derived classes
- 4. Implement a forward declaration file
- 5. Implement a header file which includes all SBML types defined in the extension
- 6. Defines a macro value of the package extension
- 7. How to import a source tree of a package extension into the source tree of libSBML-5

1. Implement an SBMLExtension derived class

Firstly, an SBMLExtension derived class for your package needs to be implemented based on the steps described in SBMLExtension class.

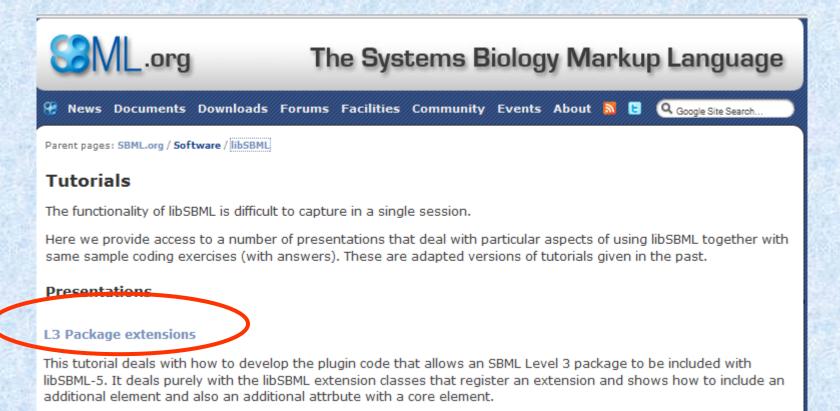
2. Implement SBase derived classes of the package extension

Secondly, SBase derived classes for your package need to be implemented based on the following steps:

Developers of new packages

libSBML-5 Documentation

http://sbml.org/Software/libSBML/Tutorials

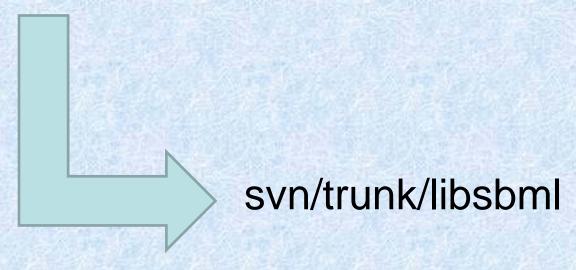


Developers using libsbml svn

svn/branches/libsbml-5

Developers using libsbml svn

svn/branches/libsbml-5

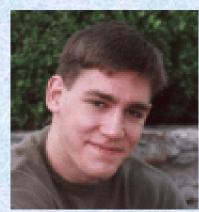


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