

Coordination Topics for Discussion with Developers

SBML Team

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Things we think would benefit from
discussion

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(not necessarily now)

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Why do we keep lists of tools that support a standard?

- Benefits to users
- Benefits to tool developers
- But are the goals for these two groups the same ?

Data format validation

- Standardise the output of validation for all formats?

Data format validation

- Validation of SBML has evolved

libsbml-2

```
ParseMessage ( unsigned int id = 0,  
               const std::string& message = "",  
               unsigned int line = 0,  
               unsigned int col = 0);
```

libsbml-5

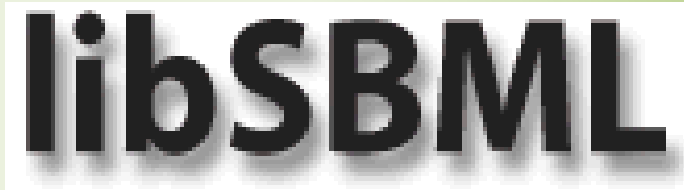
```
SBMLError (const unsigned int errorId = 0  
           , const unsigned int level = DEFAULT  
           , const unsigned int version = DEFAULT  
           , const std::string& details = ""  
           , const unsigned int line = 0  
           , const unsigned int column = 0  
           , const unsigned int severity = ERROR  
           , const unsigned int category = SBML );
```

- Worth formalising ?

Data format validation

- Worth formalising ?

```
<problem category='%s' code='%u' severity='%s'>
  <location line='%u' column='%u' />
  <message lang='en_US'>
    <![CDATA[ ... ]]>
  </message>
  <shortmessage lang='en_US'>
    <![CDATA[ ... ]]>
  </shortmessage>
  <detail category='%u' severity='%u' />
  <excerpt> <![CDATA[ ... ]]> </excerpt>
</problem>
```

Changing repository from svn to git

- Is git a better option ?
- Is it worth the change ?

SBML L3 package code development

- Feedback on developing code
- Should we invest time in creating autogeneration systems ?

GNU Make vs CMake

- Feedback on this change
- Do we need to continue to support both ?

Things we think would benefit from discussion

- Lists of tools supporting a standard
- Validation: standards for validator output
- Repository change
- L3 package code development
- GNU Make vs CMake