











stein, B. J., Bray, D., Cornish-Bowden, A. , Cuellar, A. A., Dronov, S., Gilles, E. D., Ginkel, M., Gor, V., Goryanin, I. I., Hedley, W. J., Hodgman, T. C., Hofmeyr, J.-H., Hunter, P. J., Juty, N. S., Kasberger, J. L., Kremling, A., Kummer, U., Le Novère, N., Loew, L. M., Lucio, D., Mendes, P., Minch, E., Mjolsness, E. D., Nakayama, Y., Nelson, M. R., Nielsen, P. F., Saku-

it's still an open question to many people whether tools should impose constraints based on parameter units and/or perform conversions between math entities as part of the composition process.

#### **6.5 What are the 'built-in' units exactly?**

form such a dependency in scalar rules (see SBML Level 2 specification). At least one of the example



## **7.2 Is it a good idea to use SBML as my software's native model format?**

Depending on the needs of your software, yes, this may be a good idea. JDesigner and JigCell use SBML as their native formats.

## **7.3 What software libraries are available to help me program support for SBML in my software?**

See Section [3.2](#).

## **7.4 The unit system seems to imply some implicit unit conversions may be required in various places when parsing a model. Can you give an overview of what you expect a model parser to do?**

## **7.8 What should I do when I encounter an incorrect SBML file or stream?**

Whilst it is not expected that an application will detect all errors in an parsed SBML document it is expected that a parser will not simply ignore or fudge discrepancies between the document and the relevant SBML standard. The parser should report the line number and a description of the error to the user i.e. a parser

### **7.9.9 Delay**

Avoid the use of the built-in delay operator.

### **7.9.10 Events**

Avoid the use of the events.

### **7.9.11 Units**

discussion of new proposals and interoperability issues.



The I3C doesn't create standards instead it encourages their development and then makes recommendations on standards to its members. I3C has a close relationship with OMG.

#### **8.12 Why isn't SBML being developed under the auspices of a standards body like the OMG?**

In general terms the SBML process meets the requirements of the community it serves.

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## 10 Help

10.1 My question is not answered in this FAQ list. Who should I contact?

[Andrew Finney](#) [Mike Hucka](#)