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# Have you seen this?...MathML/XML Series

## The W3C MathML software list

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**Peter James Rowlett**  
**Nottingham Trent**  
**University**

peter.rowlett@ntu.ac.uk



### **MathML/XML Series details**

The MathML/XML Series intends to explore MathML and other XML formats of interest and how the MSOR Community is making use of these. Do you use MathML or another XML format in your teaching and learning? Will you share your experiences through *MSOR Connections*? Please contact the editors if you would be willing to contribute an article to this series.

The Maths, Stats & OR Network maintains a list of MathML resources at:

<http://www.mathstore.ac.uk/mathml/>

The World Wide Web Consortium maintain a list of software that uses MathML [1]. This is not a definitive list, rather it is intended “to show the large number and diversity of software supporting MathML”.

The list includes open source, free and commercial software. Currently there are around 100 entries listed, normally with a short description, screenshot and a link to a website to find out more. Entries can be viewed by name or by category. The categories are:

- Browsers
- Browser plugins, scripts and extensions
- Editors
- Scientific Computation
- Composition and Rendering Engines
- Converters
- Authoring Systems
- Stylesheets to/from MathML
- DTDs and Schemas using MathML
- Components and SDKs
- Research Projects
- Accessibility

If you find an interesting piece of software and would like to write a review of it for the MathML/XML series, this would be most welcome. Please contact the editors.

Details are given [2] of how to submit your software or research project to be included on the list.

Finally, on the subject of interesting XML use, notice that the MathML software list webpages are generated from a single XML description file, which uses a custom made XML format [2].

### **References**

- [1] The W3C MathML software list. World Wide Web Consortium, 2006. Available at: <http://www.w3.org/Math/Software/> [Accessed: 24.03.06]
- [2] How to submit MathML software descriptions. World Wide Web Consortium, 2006. Available at: <http://www.w3.org/Math/Software/submitting/> [Accessed: 24.03.06]

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