



Usage of MathML for paper and web publishing

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The Mathematical Meta Language (MathML) of the World Wide Web Consortium (W3C) based on XML has gained more support in the last months. Looking at the W3C's list of software which supports MathML one sees that the number of applications which can produce MathML is rather long, but the list of applications supporting typesetting of MathML is rather short.

I will concentrate on those points:

1. Using MathML to write real formulas. I started using it for writing my formulas as a physicist, but I will also use some more complicated examples from the field of physics and mathematics trying to reach the limits of the language.
2. Typesetting MathML on paper in high quality. Writing MathML alone doesn't help if you cannot print it. I will look at the quality of output and alternative representations using ConTeXt.
3. Typesetting on the Web. Except for the fact that there are some applications which can produce MathML and not T_EX output, the real use for MathML is the direct and fast representation on the Web. For that I will look at the MathML features of Mozilla.

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