Short Intro to MathML
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Overview

- What is MathML?
- Why use MathML?
- System Requirements
- Example
- Summary of IS&T initiatives to support MathML

What is MathML?

MathML (Mathematical Markup Language) is an XML application from the W3C for describing mathematical notation and capturing both its structure and content

http://www.w3c.org/Math/

2 types of MathML "tags"
- Presentation MathML
- Content MathML

Why use MathML?

- Loading time and disk space
- Interactivity
- Accessibility
- Interoperability
- Indexing

System Requirements

- Browsers
- Mathematical fonts

System Requirements browsers

- Mozilla 1.1+/Firefox: all platforms
- IE 6.0 (with free MathPlayer plug-in): Windows only
- Netscape 7.1: all platforms
- Netscape 7.0: all platforms but Mac

System Requirements
math fonts (only for Mozilla-Firefox/Netscape)

- CM TeX
- Mathematica
- MT Extra

Examples

- [W3C Presentation MathML test page](#)
- [W3C Content MathML test page](#)

IS&T Support of MathML

- Web page "MathML at MIT"
  http://web.mit.edu/ist/topics/webpublishing/mathml

- Fonts installed on Athena

- Fonts Installers for Mac and Windows

- mathml@mit.edu mailing list