MathJax is a JavaScript library for displaying mathematics in web pages and making it accessible for those using assistive technology. It understands TeX/LaTeX, MathML, and Asciimath notations and can generate typeset mathematics in HTML, SVG, or MathML formats.

It can run live in a browser, or can be used on a server to pre-process mathematics. MathJax supports assistive technology, such as screen readers, and provides interactive exploration and summarization of mathematical expressions, presenting them in smaller, more easily understood chunks.

**USE CASES**

Supports mathematical output in electronic journal publications (e.g., MathSciNet, SIAM journals, IEEE Journals, Elsevier journals, Springer Nature, etc.)

Supports mathematical output in on-line resources like Wikipedia, StackExchange, educational tools like WeBWorK, e-book readers, and so on.

Provides support for screen readers, braille output, and other assistive technology for documents containing mathematics.

**PLANNED FEATURES**

+ Support for additional math fonts.
+ Support for automatic line breaking of long mathematical expressions.
+ More localization options, both for the assistive technology, and the MathJax interface itself.
# PROJECT NEEDS

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete font toolchain and support for additional math fonts for use in mathematical equations on line</td>
<td>$50,000</td>
</tr>
<tr>
<td>Develop support for accessible mathematical diagrams (e.g., implement the TikZ library in MathJax)</td>
<td>$200,000</td>
</tr>
<tr>
<td>Improve the documentation of the internals and API for MathJax, and create more examples illustrating the various ways MathJax can be used.</td>
<td>$65,000</td>
</tr>
</tbody>
</table>

MathJax is a Sponsored Project of NumFOCUS, a US 501(c)(3) public charity.

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For more information on MathJax, including our governance structure and project roadmap, please visit http://www.mathjax.org/

For more information: info@numfocus.org | +1 (512) 831-2870.