

Creating Math Web Documents

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Abstract

In this workshop, we will show how to combine `techexplorer`, Java, and JavaScript to produce interactive web content with a mathematical flavor. We will start with a brief overview of `techexplorer` (the IBM browser plugin for displaying \TeX and MathML markup on the web), Java, and JavaScript. Then we will discuss in some detail an application that shows how to tie all these tools together with HTML in a natural way that leverages each of their strengths. The result will be a rather sophisticated interactive calculator, but the ideas are useful for many other applications.