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**Matt Boelkins\*** (boelkinm@gvsu.edu), Department of Mathematics, Grand Valley State University, Allendale, MI 49401. *Active Calculus: Recent Developments*. Preliminary report.

The single variable version of *Active Calculus* was made publicly available (<http://gvsu.edu/s/Ym>) in August 2012. With a growing base of individual users and departments who have formally adopted it, the text has become popular in both PDF and print-on-demand formats, while remaining in need of some improved features. Through attending the American Institute of Mathematics' (AIM) Mathbook XML Workshop in April 2016, I learned of several new technological developments that present opportunities to strengthen the quality and utility of *Active Calculus* and other similar books. In this talk, I'll give an overview of ongoing work to convert the text to Mathbook XML and the resulting now-possible HTML format, with particular emphasis on the new addition of live WeBWorK exercises that provide immediate and anonymous feedback to the reader. Along the way, I'll briefly reflect on some key experiences and lessons learned in writing a free and open text. (Received August 16, 2016)