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Jason Grout* (jason.grout@drake.edu), **Ira Hanson**, **Alex Kramer**, **Steven Johnson** and **Byron Varberg**. *The Sage Cell Server: embedding live computations in web pages.*

Sage (<http://sagemath.org>) is a comprehensive free open-source mathematics software system. We will present our work on the Sage Cell Server (<http://aleph.sagemath.org>), which enables anyone to embed live Sage computations directly into any web page. These computations can easily include 2d and 3d plots, sliders, buttons, and other controls to interact with the computation. You can also use permalinks and QR codes to link to computations from paper textbooks and emails. We will present a number of places these embedded interactive computations are being used, including textbooks, personal webpages, wikis, and a new online database of short Sage examples at <http://interact.sagemath.org>. We will also show you how you can easily embed interactive computations in your web page with just a few lines of javascript and HTML. (Received September 25, 2012)