1046-O1-487   **Daniel Gries*** (`dgries@hamilton.edu`), Mathematics Department, Hamilton College, 198 College Hill Road, Clinton, NY 13323. *Fractal applets in Flash.*

I will present some interactive web-based mathematical applets, developed in Adobe Flash. The applets allow students to explore different types of fractals, including L-system fractals as well as complex iteration fractals such as the Mandelbrot set. The applets are designed to encourage exploration and include user interfaces which allow both mathematical and creative control of the ouput. (Received September 04, 2008)