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Frank J Swenton* (fswenton@middlebury.edu), Department of Mathematics, Warner Hall, Middlebury College, Middlebury, VT 05753. *An introduction to the Kirby Calculator*. Preliminary report.

After a brief presentation on the current state of the *Kirby Calculator* software for the computer manipulation of Kirby diagrams (and, along the way, knot diagrams), the author will field comments, suggestions, and questions from the attendees regarding the directions of future development of the project. A proof-of-concept version of this freely available software is available at <http://www.kirbycalculator.net>, currently very basic in its interface and features and only running under the Windows operating system; the next alpha version, to be completed by the time of the talk, will be further extended and will run seamlessly on both Windows and Macintosh systems. (Received August 22, 2010)