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Nathan M. Wodarz* (nwodarz@uwsp.edu), Department of Mathematical Sciences, University of Wisconsin - Stevens Point, Stevens Point, WI 54481. *An Interactive Approach to Discrete Math Using WeBWorK and Flash Applets*. Preliminary report.

Discrete math problems for the WeBWorK online homework system are not easy to find, not least because of the difficulty of writing reasonable problems involving topics central to the curriculum, such as trees and other graphs. We will report on a program to develop a library of discrete math problems using WeBWorK's newly-implemented ability to embed Flash Applets. These applets could also be usable outside WeBWorK, enabling an interactive environment for student exploration. (Received July 07, 2009)