

1125-34-2458 **Darryl K Nester*** (nesterd@bluffton.edu), Bluffton University 52, 1 University Drive,
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Software to produce slope and direction fields is practically indispensable for teaching a differential equations course, but finding a suitable program can be tricky. The proprietary software included with some textbooks might not be compatible with all computers (and might not be updated as operating systems change). Online options like the jOde applet have become difficult to use because of increasing security restrictions on Java applets; even if you can run it on your computer, will it work on the classroom computer? Or on your students' computers?

Faced with this problem while teaching DEs two years ago, I created www.bluffton.edu/~nesterd/java/slopefields.html. With helpful feedback from colleagues at other schools (who found it while searching for alternative to jOde), I've refined it and added a number of helpful features, and it is now listed as a resource by CODEE.org and SIMIODE.org. (Received September 20, 2016)