

A. This application was written by David M. Holscher. It was developed in support of the Integrated First-Year Curriculum in Science, Engineering, and Mathematics at Rose-Hulman Institute of Technology. This curriculum project is supported by the National Science Foundation, the General Electric Foundation, and Lilly Endowment, Inc. If you are interested in this or any other application written for the Rose-Hulman Institute of Technology First Year Integrated Curriculum, please contact us at **ifycsem@nextwork.rose-hulman.edu**. The following people are currently serving as professors for the curriculum and would welcome your comments and questions:

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- B. This application best fits in the physics category.
- C. Magnetism is designed to allow the user to simulate magnetic fields produced by rings and lines of current. Any number of lines or rings can be added to a document which has the capability of displaying a vector field, or plotting the direction of the field. It allows the user to maneuver through a scaled view of the objects which can be zoomed in by dragging a rectangle in

the view or by various other controls.

- D. This application is used as part of the Integrated First Year Curriculum in physics classes to demonstrate magnetic fields.
- E. This application was developed under NeXTSTEP 2.1.
- F. This application requires no special installation.

G. The Documentation folder included with the application is required for online documentation built into the application. If it is removed, the application will still function properly, except for Help.