

ENDAVOR

DESCRIPTION:

Endeavor is an image manipulation program with two builtin tools, and image opening/saving capabilities. It is also written so that additional tools can be added without difficulty in very few lines of code.

HOW TO USE:

Endeavor's user interface is simple and should appeal to a wide variety of users. When the program is first launched, the user is immediately prompted to select an image to open. Simply navigate using the file dialogue to the image of your choice and click "Open."

The user will notice a toolbar at the top of the screen; this contains two menus, "File" and "Tools". The former has options for opening a new file or saving the current file, using the same intuitive file dialogue. The Tool menu comes bundled with two tools by default; the Tint tool and Chroma Key tool.

The Tint tool is easily used; simply click on it and a window will appear from which the user can select a color which will then be applied to the image upon confirmation.

The Chroma Key tool is useful mainly for applications such as green- or blue-screens, where large amounts of color can be isolated quickly. A key color is picked with a color dialogue as with the Tint tool, and a chroma key allowance is picked with an input dialogue. Then, that color will turn black on the image when the setting is confirmed.

INTERESTING FEATURES:

Interesting features include:

- Warnings will pop up during IOExceptions or if the user fails to select an image.
- The Tint tool operates on an “Add” algorithm, in that a small amount of the tint color is “added” to the existing color. Therefore excessive tinting will noticeably brighten the image.