

Chapter 18

Info

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Info Panel...

The Info Panel contains important information about EquationBuilder, such as the version number of EqB you are currently running and how to contact Digital Tool Works directly.

License...

Brings up the License panel which shows the current registration status of EquationBuilder.

Legal...

Brings up the Digital Tool Works Software License Agreement, for both single-user and network copies, that you accepted the first time you ran EquationBuilder.

Suggestion...

Opens a new Send Window in Mail.app, with our e-mail address and the version number of the EquationBuilder you are using already filled out. Please write and let us know what you think of EquationBuilder!

Gallery...

Brings up a directory in the Workspace Manager containing a number of example

files that show off many of EquationBuilder's capabilities. The ReadMe file contains a brief description of all the examples.

Preferences...

Preferences.tiff ↵

The **Preferences** panel allows you to set the parameters that new equations will have by default. Any changes you make will be retained from session to session. Note that any changes you make on this panel will only affect *new* equations. If you wish to modify the equation-level parameters of existing files, you need to make use of the Equation Inspector (see Chapter 23).

- **Default Font Types**

EquationBuilder allows you to specify three different default font families to be used in your equations (Italic, Roman, and Bold). To specify a new font family, select the label you wish to change (Italic in the panel above) and then select the new font family you wish to use from the **Family & Typeface** browser. (Note that the fonts listed in the browser will vary from computer to computer, depending on which fonts have been installed on the system).

For example, if you were interested in having your equations typeset in

Helvetica rather than Times, you would want to change the Roman font to Helvetica-Medium, the Italic font to Helvetica-Oblique, and the Bold font to Helvetica-Bold.

- **Default Font Sizes**

In addition to font families, EquationBuilder allows you to specify default font sizes for all equation elements. The default size used for any particular element depends on where it is typeset in a particular expression. There are three levels of default font sizes available (Large, Medium, and Small). To change one of the default font sizes, select the default size (Large in the panel above) that you wish to change, and then select the new font size from the size browser.

For example, if you were building equations for use in a slide presentation, you might want to increase the default font sizes to 48 for Large, 36 for Medium, and 24 for Small.

- **Note**

- In general, it usually best to keep a 4:3:2 ratio between Large, Medium, and Small. Maintaining this ratio will help keep your equations from looking distorted.

- **New Window Size**

Allows you to specify the default window size that EquationBuilder will use

when opening an existing .eqn file or when you create a new window with **Equation ±> New**.

- **View Scale**

Allows you to pick a default scale factor for every new equation window that you create (400% in the panel above).

- **Default Equation Size**

Allows you to set whether new equations will initially be typeset as Display equations (somewhat larger, meant to stand alone), or as In-line equations (somewhat more compact, meant to be used in a line of regular text).

- **Pasting to TeX**

When EquationBuilder generates TeX output, it generally includes a binary representation of the equation as TeX comments (see Chapter 15). If you wish to later re-edit the TeX equation with EqB, you can select the binary data and paste it into EquationBuilder. However, if you do not wish to edit your TeX equations after you generate them, you can always turn off this feature to save space in your TeX documents.

- **Default Variable Style**

Allows you to specify whether single characters, i.e. variables, ought to be

italicized by default.

- **Default Color**

Allows you to set a default color for new equation elements. To change the default color, bring up the standard NeXT Colors panel (see Chapter 13) and simply drag-and-drop a new color swatch into the **Default Color** well.

- **Additional Options**

Enable Services

EquationBuilder is a service provider for the equations it generates in either Encapsulated PostScript or TeX form. If services are enabled, you can select an equation in another application (or an encoded equation in a TeX document) and pick **Services** \pm **Edit Equation** to bring up that equation in EquationBuilder._

If you do not wish to use this option from your **Services** menu, simply disable it._

(Note that changes to this preference will not take effect until the destination app's **Services** menu is updated. The **Services** menu updates itself whenever you select it from an application's main menu and also whenever you log into your computer. See your NEXTSTEP documentation for more information.)

Keep backup~ files

If this switch is enabled, EquationBuilder will save your original file, i.e. before you made changes, to a backup file (same name as the original file but with an .eqn~ extension) and save the changes you have made under the original filename.

Help... (?)

Brings up the directory containing EquationBuilder's on-line documentation as a target in Digital€Librarian™.