

# Chapter 1

## Introducing EquationBuilder

Welcome to EquationBuilder™, Digital Tool Works'™ technical equation editor for NEXTSTEP®!

Typesetting equations can be an exacting and time-consuming process. There seem to be as many ways to format a particular mathematical expression as there are people interested in mathematics. EquationBuilder has been designed to "do the right thing" the first time, letting you focus on content rather than mechanics.

Of course, for every "right" way of typesetting a particular equation, there may be several good reasons to typeset it differently. Using inspectors, EquationBuilder gives you direct access to a variety of alternatives for typesetting equations. If you haven't used inspectors before, that's about to change!

## Installation

In order to use EquationBuilder, you must first install it on your system. You then need to enable your copy using the license string that you received when you purchased EquationBuilder.

Please refer to Appendix D for step-by-step instructions.

## How to proceed

Some people will want to jump right in and start building equations. If you are one of these people, you may want to take a look at Appendix A for some quick tips. If you run into trouble, browse through the **Gallery** of sample files. Chances are, the Gallery will have an equation similar to what you are trying to build. You can then either study the file to try to figure out how the equation was built, or you can refer to a Tutorial chapter that describes the construction of a similar equation in detail.

If you prefer more of a guided tour, Chapters 2±10 contain a step-by-step tutorial that takes you through the various features of EquationBuilder, first by building simple expressions and

then, later on, stepping through more advanced constructions.

Chapters 11±17 describe EquationBuilder's close integration with the NEXTSTEP environment, including such topics as EqB's support for drag-and-drop color and the many ways you can interface EquationBuilder with other applications.

Chapters 18±24 serve as a reference manual and describe EquationBuilder's various menu items and tools in greater detail.

## **If you need more information...**

If after reviewing our examples you are still having difficulty, please do not hesitate to contact us directly. If your computer system has access to electronic-mail, the easiest and best way to get in touch with us is through the **Info ±> Suggestion** menu item.

Alternatively, we can be reached by telephone at (617) 742±4057 or by US mail at Digital€Tool€Works, 100 Charles St, Ste D, Boston, MA 02114.