

## SYMANTEC ANNOUNCES NEW VERSION OF TOP-RATED MACINTOSH DEVELOPMENT ENVIRONMENTS

Cupertino, CA -- August 6, 1991 -- Enabling programmers to fully utilize the capabilities and features of System 7, Symantec Corporation (NASDAQ: SYMC) today announced THINK C version 5.0 and THINK Pascal version 4.0, enhanced versions of its popular development environments.

"As the market leader in Macintosh development environments, Symantec provides programmers with strong tools that fully exploit state-of-the-art technology," said Gordon E. Eubanks, Jr., president and chief executive officer. "With support for Apple's System 7 and enhanced object-oriented programming capabilities, THINK C version 5.0 and THINK Pascal version 4.0 are the ideal tools for Macintosh developers."

### New features in THINK C version 5.0

The multi-pass, optimizing compiler and code generator in THINK C version 5.0 have been completely rewritten to produce the most compact, efficient C code on the Macintosh. An optional global optimizer further reduces code size and execution time. THINK C is now 100 percent ANSI conformant; ANSI conforming applications written in THINK C are portable to other platforms.

With THINK C programmers can use the latest System 7 technologies. THINK C runs under System 7 in both 24- and 32-bit modes, with or without virtual memory.

New object-oriented programming (OOP) tools include a class

browser that provides a graphical view of a program's classes and makes navigating and editing OOP code easier. The THINK Class Library provides the building blocks for a standard Macintosh user interface such as windows, menus and controls. THINK Class Library enhancements include new classes for dialogs, multi-window documents and System 7 support.

Markers have been added to the THINK C editor for moving more easily through large source files. The integrated source-level debugger remembers breakpoints and data displays between sessions, enabling programmers to keep their place in the program. Other new features include Disassemble and Preprocess commands that allow programmers to view their code in different forms, and the ability to generate link maps during the compile cycle. An increase in the jump table limit now allows THINK C to support large projects.

#### New features in THINK Pascal version 4.0

The THINK Pascal compiler generates the smallest and fastest Pascal code on the Macintosh. Like THINK C, all of the tools in the THINK Pascal environment are completely integrated for fast turnaround. THINK Pascal supports System 7, allowing developers to write programs that use System 7 technologies. THINK Pascal runs under System 7 in both 24- and 32-bit modes, with or without virtual memory and supports the required set of Apple events.

The new Instant Project feature lets programmers create a project with a single command, automatically opening the project document, loading the libraries and opening a source file in the editor. There is also support for larger projects, including Far Code and multiple segments in any project type, allowing programmers to develop very large applications more quickly.

THINK Pascal includes a Pascal version of the enhanced THINK Class Library to provide Macintosh programmers with additional object-oriented programming capabilities. "Apple is committed to the success of our third-party developers," said Roger Heinen, vice president of Macintosh Software

Architecture at Apple Computer, Inc. "We are extremely pleased to see the the two popular development environments for the Macintosh, THINK C and THINK Pascal, now offer complete System 7 support. These products really underscore Symantec's committment to the thousands of Macintosh programmers who are eager to take full advantage of system 7 to build new and exciting Macintosh applications."

THINK C version 5.0 requires a Macintosh Plus or higher with a minimum of 2 MB of RAM. The debugger requires 2 MB of RAM and MultiFinder. System Software version 6.0 or higher is required. A hard disk is recommended and required for the THINK Class Library. The suggested retail price is \$299. Registered users can upgrade for \$89.

THINK Pascal version 4.0 requires a Macintosh Plus or higher with a minimum of 1 MB of RAM (2 MB recommended); 4 MB recommended for use with the THINK Class Library or Apple's MacApp. System Software version 6.0 or later is required. A hard disk is recommended and required for the THINK Class Library or MacApp. The suggested retail price is \$249. Registered users can upgrade for \$69.

THINK C version 5.0 and THINK Pascal version 4.0 are available now through Symantec's network of distributors and resellers. For further information on either product, customers can call 800-441-7234 or 408-252-3570.