

# Hamilton C shell for Windows NT

***World's Most Powerful  
Tools!***

**Hamilton Laboratories**

13 Old Farm Road

Wayland, MA 01778-3117

Phone 508-358-5715

FAX 508-358-1113







Internet [3890321@mcimail.com](mailto:3890321@mcimail.com)

# Hamilton C shell

- ❑ A recreation from scratch of the UNIX C shell.
- ❑ Includes over 130 commands and utilities including grep, fgrep, cut, diff, ls, mv, cp, rm, head, tail, more, tar, sed, etc.
- ❑ Virtually all the tools (other than the compiler) that a developer might ever need.

# Advantages

## Dramatically more powerful scripting:

-  Built-in and user-defined procedures (even a printf),
-  Local variables,
-  Interrupt handling,
-  Background threads and processes,
-  Command substitution,
-  Powerful expression grammar (including FP and filesystem tests).

# Faster & Easier to Use

## Better usability:

 Full-screen command line editing,

 Unlimited command line size,

 Command and filename completion,

 Better wildcarding, including indefinite directories,

 Improved language definition.

## Improved performance & responsiveness:

 Pathhashing,

 Extensive multi-threading,

 Incremental compilation,

 Better time/space trades.

# Design Strategy

**Recreate all the functionality in the UNIX originals.**

The union of all the functionality of both System V and BSD.

All the functions, all the command line switches --  
Everything!

**Fix all the numerous deficiencies.**

**Do more than just a cosmetic look-alike of UNIX:**

Carefully adhere to all Windows NT conventions for escape characters, file slashes, network naming, etc.

“Do the right thing,” e.g., in starting apps that will run in a new window, etc.

Take advantage of threads and other new technology to do a better job.

**Fanatical quality.**

# Typical Customers

- Serious developers at hard-core development shops like Microsoft, Lotus, Sybase, Parametric Technology, Tricord, and others.
- Only about half are coming from a UNIX background.
- The rest typically have no UNIX experience at all.
- About half buy it for the scripting abilities.
- The other half buy it just for the interactive benefits.

# Shipping Today!

## A stable, shipping product:

Intel x86: July 1992

MIPS R4x00: August 1992

DEC Alpha: December 1992

## Quantity 1 price, including shipping by air:

\$350. U.S.

\$365. Canada

\$395. Elsewhere

## Unconditional satisfaction guarantee.

# Hamilton C shell Bottom Line

- Typically, a customer can save an hour/day.
- Anyone worth putting in front of a tube is worth \$50/hour.
- Payback is about a week.**