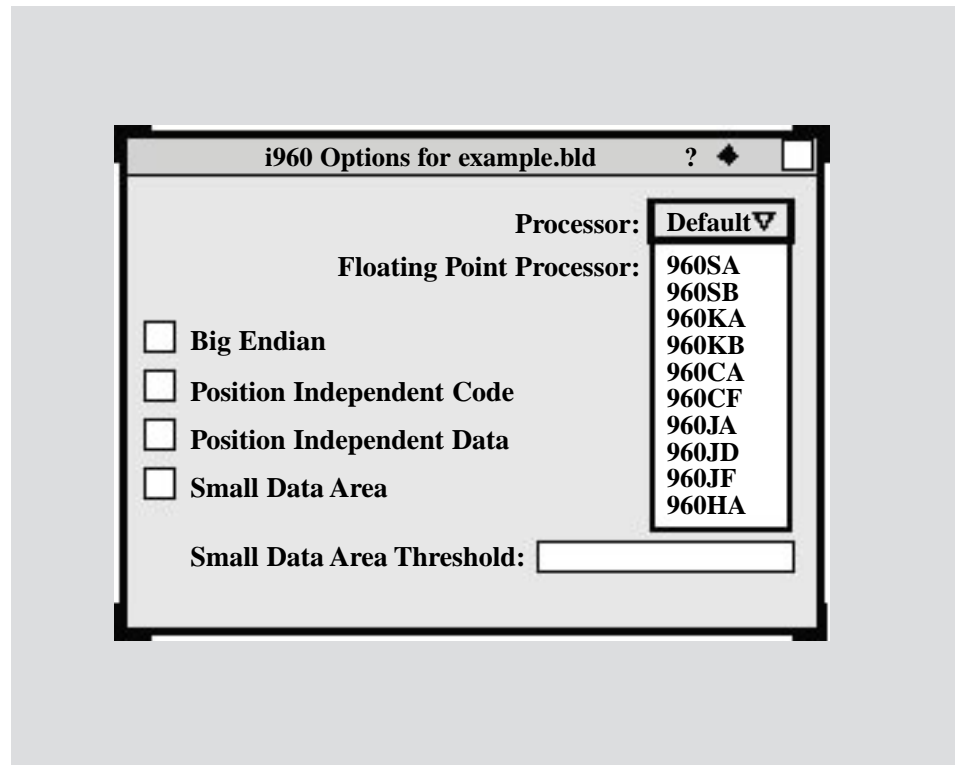# Green Hills* C-960 Compiler

- Incorporates Renowned Green Hills Optimization Technology to Generate Significantly Faster Code than 960 GNU Compilers
- Big and Little Endian Memory Models
- Position Independent Code and Data
- Small Data Area Decreases Program Size and Increases Performance
- Multiple Sections Allow Code, Constant Data, Strings and Variables to be Independently Located in ROM and RAM
- Interrupt Level Procedures
- Manual or Automatic Inlining Across Modules (and Even Across Languages)
- Fine Programmer Control Over Optimizations for Best Possible Code Generation and Size vs. Speed Tradeoffs
- Extended Symbol Information Supports #defines and typedefs
- Fully Supported by the MULTI* Development Environment

i960 Options for example.bld   ? ◆

Processor: **Default ▽**

Floating Point Processor:

- [ ] **Big Endian**
- [ ] **Position Independent Code**
- [ ] **Position Independent Data**
- [ ] **Small Data Area**

960SA
960SB
960KA
960KB
960CA
960CF
960JA
960JD
960JF
960HA

Small Data Area Threshold: [   ]

Green Hills C-960 is a highly optimizing C compiler which supports programming in four major dialects of C: K&R, transition, permissive ANSI and full ANSI. It also supports many minor language variants and embedded features through the use of pragmas and configurations switches.

The C-960 distribution includes a complete implementation of the standard C library, coded to be small and efficient and with numerous features of special interest to embedded programmers. Different versions accommodate the various processor models, hardware vs. software floating point, big vs. little endian and absolute vs. position independent code.

Native versions of the Green Hills C compiler are available for most UNIX workstations. Since all Green Hills C compilers use the same front end, part of your development team can develop hardware independent portions of your application natively on UNIX workstations and be guaranteed that the code will compile without change when it is integrated with the rest of the application. Green Hills also supplies C compilers for most other 32- and 64-bit embedded microprocessors.

HOST SYSTEMS SUPPORTED:
PC/Windows, Sun/Solaris, Sun/SunOS, HP9000/HPUX, Alpha/OSF1, SGI/Irix, Aviion/DGUX, PC/SCO, PC/Unixware, RS6000/AIX, DECstation, more...

PROCESSORS SUPPORTED:
i960® Sx, Kx, Cx, Jx, Hx Processors

CONTACT:
Green Hills Software, Inc.
510 Castillo Street
Santa Barbara, CA 93101
Phone: (617) 862-2002
FAX: (617) 863-2633
For international contacts see Appendix B.