

Green Hills* XA960 Cross Assembler Tool Chain



- *As960* Macro Assembler
- *Lx* Linker
- *Ax* Librarian
- Utilities to Generate IEEE695, S-Records and Other Formats
- Utilities Include *gstrip*, *gnm*, *gsize* and *gdump*
- Multiple Relocatable Sections
- Generates ROMable Code
- Extended COFF Supports
- Enhanced Debug Information

The Green Hills XA960 tool chain contains the utilities needed to forge a comprehensive embedded development package. The *As960* macro assembler supports conditional assembly, macros and an unlimited number of relocatable sections, and produces relocatable COFF object files. The *Lx* linker combines object modules and library files to produce either absolute or relocatable COFF object files. The *Ax* librarian combines object modules into library files for easy management.

All Green Hill tools support multiple designated sections so that code, strings, constant data, initialized variables and uninitialized variables can be placed in RAM and ROM in any layout desired, as specified in an optional linker control file. Initialized variables are supported with a startup routine that copies the initial values from ROM to RAM when execution begins.

A set of object format converters translate the COFF format object files produced by the Green Hills tools to other common object formats, including IEEE695 and Motorola S-Records. This allows programs generated with Green Hills tools to be used with programmers, In-Circuit Emulators and other products supported by third parties.

HOST SYSTEMS SUPPORTED:
PC/Windows, Sun/Solaris, Sun/SunOS, HP9000/HPUX, Alpha/OSF1, SGI/Irix, Aviiion/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.

