Software Development Tools

Compilers & Tools Suppliers

- Algorithmics
- BSO Tasking
- Cygnus
- DDC–I, Inc.
- Embedded Performance, Inc.
- Green Hills
- IDT
- MIPS Technologies
- Rational Software Corp.

Software Development Tools

C
C++

Algorithmics

SDE–MIPS
Optimizing Compilers and Development Environment

Languages Offered:
C, C++ (GNU compilers)

Includes:
Comprehensive toolkit including compiler, MIPS®–compatible assembler, remote source debugger, libraries, FP support or emulation, support for common evaluation boards.

Supports 64–bit operation for MIPS–3 CPUs – all bundled for a standard low price.

Hosts Supported:

Sparcstation	PC/Unix	PC/DOS	SGI Irix
HP700 Series	MIPS/ABI		

Contact:
Dominic Sweetman
3 Drayton Park, London N5 1NU, England
(44–071) 700–3301, FAX (44–071) 700–3400
email: sales@algor.co.uk

C

BSO/Tasking

Optimizing Compiler and Debugging Environment

Languages Offered:
ANSI C

Includes:
Compiler, Macro Assembler, Linker, Locator, Remote Target Debugger, PROM support package, and Board Support Packages for several MIPS® based target boards

Hosts Supported:

MS Windows	PC/DOS	VAX/VMS
Sun 4/SPARC	HP9000–300/400/700	
IBM RS6000/AIX		

Contact:
Martin Nappi
333 Elm Street, Deedham, MA 02026–4530
(617) 320–9400, (800) 458–8276

Software Development Tools

C
C++

Cygnus Support Developers Kit

A Complete Software Development Solution

Languages Offered:
C and C++

Includes:
C compiler, C++ compiler, Source Level Debugger, Assembler, Linker, Source Code, Binary File Utilities, No Traditional Copyright Restrictions, No License Managers

Hosts Supported:
SPARC Solaris 2.x, SPARC SunOS4, SGI Irix 4, MS–DOS, MIPS® Magnum

Contact:
William Schmarzo
1937 Landings Drive
Mountain View, CA 94043
(415) 903–1452

Software Development Tools

ADA

DDC–I, Inc.

Optimizing Compilers and MULTI Development Environment

Languages Offered: ADA

Includes:

Compiler, Symbolic Debugger, Recompiler, Ada Target Linker, Run–Time System, Downloader, Program Library Utility, Assembler/Reorganizer, Remote Target Debugger, Instruction Set Simulator, and Documentation.

Hosts Supported:

VAX/VMS	DECstation/Ultrix
Sun–SPARC/OS	SGI

Contact:

Kelly Swainson
410 N. 44th Street, Suite 320, Phoenix, AZ–85008
(602) 275–7172

Software Development Tools

C

Embedded Performance, Inc.

CCE3K

Languages Offered: C

Includes:

- Supports any R3000 instruction–compatible processor
- Complete Tool Chain for embedded Development
- High performance Compiler from MetaWare
  - Accepts ANSI C, Portable C source formats
  - Generates highly optimized executable code.
- MIPS® compatible Assembler.
- Fast Linker/Locator tailored to embedded applications
- Target–resident Debug Kernel
  - uses 20K of target memory, 600KB/min fast download
- Powerful symbolic assembly and C source–level debugger
- designer–to–designer support

Hosts Supported:

Sun–4 DOS/386 MS Windows

Contact:

David Johnson
Embedded Performance,1860 Barber Lane, Milpitas, CA–95035
(408) 434–2210, (408) 435–7970 FAX, sales@episupport.com

Software Development Tools

C
C++
Pascal
Fortran
ADA

Green Hills Software, Inc.

Optimizing Compilers and MULTI Development Environment

Languages Offered:

C C++ Pascal Fortran ADA

Includes:

Compiler, Remote Target Debugger, Instruction set simulator, and PROM support software.

Hosts Supported:

MS Windows	SGI	DEC Alpha/OSF1
Decstation	Sun–3/4	HP/PA–RISC
PC/Unix	IBM RS/6000	

Contact:

David Chandler
Green Hills Software, Inc.
510 Castillo St.
Santa Barbara, CA 93101
(805) 965–6044, (805) 965–6343 FAX

Software Development Tools

C

IDT

IDT Multi–Host GNU C–Compiler System

Languages Offered:
- C

Includes:
- ANSI C–Compliant GNU Compiler, Assembler, LInker, Librarian, and ANSI Libraries
- Full Development Environment Including start–up code, cache management routines, etc.
- Efficient Software Floating Point Emulation Library for systems without hardware FPU.
- GDB provides full source and assembly level debug through IDT/sim™ interface
- Fully object code compatible with MIPS RISCross Compilers
- Supports entire IDT family of MIPS ISA Processors (R3000, R3500, R3041, R3051, R3052, R3081, R4400, R4600)

Hosts Supported:

Sun–4 PC/DOS MIPS™ RISC/os SGI IRIX™ 4.0

Contact:

Integrated Device Technology
2975 Stender Way
Santa Clara, CA 95054–3090
(800) 345–7015, (408) 492–8674 FAX

Software Development Tools

C

MIPS Technologies, Inc.

Optimizing Compilers and MULTI Development Environment

Languages Offered:

C

Includes:

Compiler, Remote Target Debugger, and PROM support software.

Hosts Supported:

Sun4/Sparcstation

Contact:

Prabir Mohanty
2011 N. Shoreline Blvd, Mountain View, CA 94043–1389
(415) 390–4178

Software Development Tools

ADA

Rational Software Corp.

Optimizing Compilers and Development Environment

Languages Offered:
ADA

Includes:
Compiler, Debugger, and PROM support software.

Hosts Supported:
Sun Sparcstation VAX/VMS IBM RS6000

Contact:
Renee Bacherman
2800 San Tomas Expressway, Santa Clara, CA 95051
(408) 496–3600