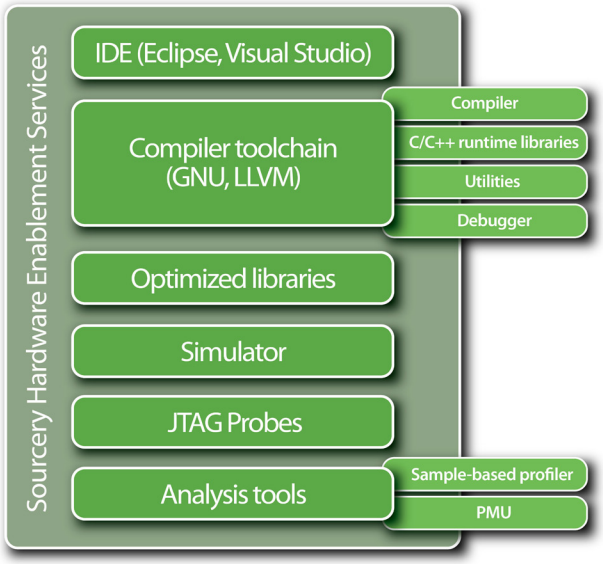
Sourcery Hardware Enablement Services

D A T A S H E E T

Due to the large volume of sophisticated open source platform software now expected by OEMs, hardware vendors must find new ways to increase design wins and accelerate products to market. One approach hardware companies can take is to develop in an efficient ecosystem of embedded tools, middleware, operating systems, and services.

The Mentor® Embedded Hardware Enablement Program enables hardware vendors to create such an ecosystem.



Sourcery Hardware Enablement Services brings a comprehensive approach to the requirements of hardware platform development.

Sourcery Hardware Enablement Services. Long established as the compiler for Linux® and Android development, increasingly, embedded software developers are using the GNU toolchain for proprietary software development on bare-metal and RTOS platforms. In fact, an optimized toolchain is now an essential deliverable for all new hardware coming to market.

Sourcery Services provides complete open source (GNU, GCC, Eclipse, LLVM) toolchain offerings to develop optimized code for most popular processor architectures and hardware development kits. Services include toolchain porting, IDE support for software development kits (SDKs), optimized performance libraries, advanced analysis tools, and JTAG probes for devices. In addition, Sourcery Services can build, distribute, and maintain the architecture and device-optimized versions of Mentor Embedded Sourcery™ CodeBench, both for the hardware company's ecosystem and in the open source community.

Program Highlights:

Support for the latest open source technology
Hardware companies and their customers can take advantage of the latest in open source technology to reduce risk

Open ecosystem for development
An ecosystem of embedded tools, middleware, operating systems (including Linux, Android, RTOS), and services readily available

A comprehensive set of services to support open source tools and platforms
Services include support for platform development on bare-metal, RTOS, and open source operating systems, GNU toolchains, and embedded UIs

Expert global assistance
Mentor's hardware enablement solutions are supported by a team of experts around the world

Advantages/Benefits:

Meet the ever-growing demands of OEMs/ODMs
A full range of expert services and offerings to help ensure timely delivery to OEM customers

Mitigate risk
Successful hardware builds via development services, proven technologies, and design

Increase design wins and accelerate product time to market
Foster an open and efficient software ecosystem

For more details or to begin an engagement, contact the Mentor Embedded Hardware Enablement Program Team at: me_hep@mentor.com

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