

PRESS RELEASE

Magillem extends its integration into ARM based platforms development flows

Israel, Tel Aviv - May 1-2 2012 Magillem, the leading provider of front-end design xml solutions, best-in-class tools to reduce the global cost of complex designs, is proud to announce the release of a new software plug-in that will enable IP-XACT users to simply produce ARM CMSIS-SVD descriptions of their systems.

ARM CMSIS-SVD is a set of System View Description XML files that contain the programmer's view of a complete microcontroller system including peripherals.

The CMSIS enables consistent and simple software interfaces to the processor and the peripherals, simplifying software re-use, reducing the learning curve for new microcontroller developers and reducing the time to market for new devices.

This new capability provides a much needed integration of IP-XACT based methodology into ARM based platform flows. Generating both SVD 1.0 and 1.1 draft, this module (a so called "generator") can be integrated into any current and future Cortex platform integration flow.

The Magillem CMSIS generator takes its place into the scope of HW/SW IP-XACT based co-development capabilities recently introduced by Magillem.

Along other formats already or soon to be available in Magillem environment, CMSIS SVD is one big step in the direction of a complete IP-XACT methodology integration for major platforms specific flows.

"Our customers have made the choice of developing platforms using the IEEE 1685 (IP-XACT) specification to maximize reuse of HW, and ensure true HW/SW integration by construction." says Sylvain Duvillard, Product Manager at Magillem. "Magillem is excited to contribute to the acceleration of the development of Hardware Dependent Software that is the critical factor within the time to production of so many embedded System on Chip. The usage of this ARM CMSIS-SVD will speed-up reuse, development, migration, as well as SW debugging phases"

About Magillem

Magillem, a board member of [ACCELLERA](#), has developed an easy to use, [IP-XACT](#) based state-of-the-art platform solution to cover **electronic systems design flow** challenges in a context where complexity, interoperability and design re-use are becoming critical issues to **manage design cycle time of SOC**.

Company is headquartered in Paris, France, with offices in New York, USA, Bristol, UK and Tokyo, Japan.

Customers include the first tier SoC manufacturers worldwide.

Magillem is a public company traded on the Euronext Market ([FR0010827741](#)).

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