



PRESS RELEASE

For immediate release

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MAGILLEM DESIGN SERVICES announces immediate availability of MAGILLEM 4.1 product featuring IP-XACT 1.4 support

World's first complete ESL Design Flow Environment based on the latest IP-XACT 1.4 format release by The SPIRIT Consortium™

Munich, March 10th, 2008 – Magillem Design Services is officially launching Magillem 4.1 software suite based on IP-XACT 1.4 for SOC designer using ESL flow. The SPIRIT Consortium has just announced the formal release of IP-XACT 1.4 specification for IP description, enabling seamless convergence between ESL and RTL flows.

At DATE 2008, the powerful functionalities of MAGILLEM 4.1 will be on display at the General Meeting of the SPIRIT Consortium where attendees will be given the opportunity to see:

- A configurable USB IP from Evatronix being packaged in IP-XACT 1.4,
- ST Microelectronics use of MAGILLEM 4.1 as an ESL platform assembly tool,
- An FPGA complete IP-XACT flow from front end to back end on a XILINX board.
- The NXP ESL flow using MAGILLEM.

MAGILLEM 4.1 also supports all versions of TLM from TLM 1.0 to TLM 2.0 , OCP-IP and heterogeneous blocks inter connection. Additional features supported in the product are:

- Automatic import and creation of IP-XACT descriptions from HDL files
- Easy Creation/Viewing/Edition of IP-XACT 1.4 descriptions
- System capture and creation (with a schematic GUI or through generators):
 - configuration and instantiation of IPs (RTL or TLM IPs)
 - abstractor insertion
 - support pin to pin and bus connections between instances and between top component and internal instances
 - hierarchy support (merge and flatten operations, view hierarchical components)
- SystemC/VHDL/Verilog netlist generation
- Register capture
- TGI Generator creation and launch
- Flow description and launch with generator chain
- Generation of HTML documentation
- Backward compatibility with IP-XACT versions 1.0, 1.1, and 1.2

“We offer out of the box and custom packaging features to build Electronic data books at all abstraction levels (TLM, RTL) and a sophisticated platform assembly tools with unprecedented capabilities to build, configure and update a design in a collaborative work environment. Our tools have been used in production by the leaders of the semi-conductor industry for three years now and we are proud to be one of two software chosen by the SPIRIT Consortium for the validation of the IP-XACT1.4 release” says Cyril Spasevski, CTO.

The number of IP blocks in the multi-media or cellular handset SOC has reached triple digits increasing the complexity of SOC design. IP-XACT 1.4 enables SOC designers to read and write directly into the design environment database in a standard way, bringing tool independence, full interoperability, and secure data manipulation.

« We are reaching a critical step in the implementation of design flow methodology: interoperability of tools and languages used for complex SoC design from ESL to synthesis is a reality, at last. » says Emmanuel Vaumorin, Strategic Programs Manager. *Magillem Design Services has been cooperating with two major players of OSCI and has integrated the support of System C into IP-XACT.*

.Magillem Design Services is a leading provider of IP-XACT based software tools and its team of dedicated IP-XACT experts is one of the largest in the Industry. Solutions offered are innovative and bring real benefits without disrupting customers existing flows by ensuring traceability of data, scripting the milestones of a flow, integrating EDA tools, improving verification, increasing productivity, reducing design cycle through automation. Magillem 4.1 is a unique tool which provides a unified environment for full debug and development of TGI generators. The designers are able to quickly develop generators, for customized IP configuration, bus matrix generation, platform generation, checking, and even capture an existing flow into a standard IP-XACT chain of generators.

For more information on Magillem Design Services and Magillem 4.1 product, please contact Emmanuel Vaumorin at contact@magillem.com

SPIRIT Consortium, Open Public Meeting

Wednesday, March 12, 2008 (12:00 – 15:00)

Munich, Germany (in conjunction with DATE'08)

Info: <http://www.spiritconsortium.org/events/>

About MAGILLEM DESIGN SERVICES

Magillem Design Services provides customers with tools and services that drastically reduce the global cost of complex design, help them preserve their independence from EDA vendors and their investment by relying on a worldwide adopted format: IP-XACT by the SPIRIT consortium™ (soon to be IEEE 1685).

Clients are semiconductors manufacturers (ASICs, ASSPs), system integrators and information technology companies engaged in the research, design, development, manufacturing and integration of advanced technology systems and products (using ASICs and FPGA).

Magillem Design Services has been established by a team of seasoned engineers and a group of business angels in the fall of 2006. The company has inherited a robust and innovative technology worth 120 man years. The headquarters are in Paris, France with a subsidiary in the USA and sales office in Asia.

The Magillem team has been a contributor to the IP-XACT specification since 2003 and is the only vendor providing a tool implementing all the versions including the latest one of the specification defined by The SPIRIT Consortium.

Business model drives fast dissemination of the standard (Customers are granted free access to the source code of Magillem core).

Magillem has established partnerships with EDA vendors, alliances with ASICs leaders, universities, and R&D European consortiums. Magillem is a member of the top European ESL R&D consortiums and ECSI.