

LieberLieber Software: Cooperation with Lauterbach

Development of a solution for optimizing and debugging embedded software at the model level

Vienna/Höhenkirchen-Siegertsbrunn, February 2015 - embedded world - LieberLieber Software and Lauterbach have joined forces to create a solution for the optimization and debugging of embedded software directly on the model in addition to the source code level. "This cooperation with Lauterbach, the world market leader for hardware-assisted debuggers, further complements our offering in the area of embedded systems development. In response to continually growing demand, this joint solution now enables debugging directly in the UML model itself and thereby more efficient and less time-consuming troubleshooting," says Daniel Siegl, CEO at LieberLieber Software.

The solution will be presented at the embedded world exhibition, from Feb. 24th till 26th, 2015 in Nuremberg, Germany, as a specially-created demo version available at both companies' stands. LieberLieber Software in Hall 4/booth 335 and Lauterbach in Hall 4/booth 210.

Growing demand now met by an optimized solution

"All of our debugging solutions allow the search for errors down to the source-code level in all popular object-oriented languages. To facilitate debugging in UML-generated source code, we looked for a partner that allows users to debug directly at the model level. With LieberLieber we have found the right company that can refer to extensive experience in solving this challenge. Although the embedded market in terms of model-based debugging is still a bit hesitant, we expect great demand both in Germany and in the US for this compelling solution," explains Rudi Dienstbeck of Lauterbach, stressing the importance of the cooperation.

The new solution combines the Lauterbach TRACE32® In-Circuit Debugger product line with the LieberLieber UML Debugger. The TRACE32® has already shipped to 100,000 customers, and supports all common CPU architectures including ARM/Cortex, Intel x86/x64, Power Architecture and many others. The UML Debugger is part of LieberLieber Embedded Engineer for Enterprise Architect, a solution for the model-based development of embedded systems. The graphical debugger is integrated into the Enterprise Architect UML platform by Sparx Systems, used by over 350,000 users worldwide. It allows you to set hardware breakpoints directly in the model and then go through the process step-by-step. The time response of the system being analyzed is not impaired, which is decisive for the debugging of embedded solutions.

"This jointly-created solution allows customers to graphically and efficiently analyze the system for errors, and optimize simultaneously. It gives UML developers the power to ensure that the critical factors of the embedded system are not changed," says Dienstbeck.

About LieberLieber Software

LieberLieber Software was founded in 1996 and has since specialized itself as a model engineering software company. Within the scope of model-based development, LieberLieber develops extensions for Enterprise Architect (Sparx Systems) as well as customizations for a variety of industrial and other areas of application. In cooperation with competent partners, reliable solutions based on the most modern technologies such as UML/SysML, model simulation, DSL, MDE for software systems (including embedded systems). LieberLieber Software is located in Vienna and has partnerships around the world.

Get more information at www.lieberlieber.com

About Lauterbach

Lauterbach is the leading manufacturer of complete, modular and upgradeable microprocessor development tools worldwide with experience in the field of embedded designs since 1979.

It is an international, well-established company with blue chip customers in every corner of the globe and has a close working relationship with all semiconductor manufacturers. At the headquarters in Höhenkirchen, near Munich, the engineering team develops and produces highly proficient and specialized Development Tools, which are utilized all over the world under the brand TRACE32®. Own branch offices exist in United Kingdom, Italy, France, Tunisia, on the East and West coasts of the United States, Japan and China. Highly qualified sales and support engineers are also available in many other countries. For more information visit <http://www.lauterbach.com/>

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