Silexica selects SuperTest to improve the quality of C language in their SLX tool suite

SuperTest improves accuracy of C Code compilers and decreases time to market

Amsterdam, Cologne and Köln – 14 March 2017 - Solid Sands, the supplier of SuperTest™, the industry-leading and largest test and validation suite for C and C++ compilers and libraries, today announced that Silexica, the industry leader in multicore software design automation addressing complex, multicore platforms chose SuperTest to secure the quality of the C language in their tools.

The task of compiling C code continues to be plagued with challenges and, for Silexica, this problem increases significantly as their tools instrument, analyze and transform source code with a goal to uncover parallelism. This process must be performed with the utmost care to ensure that the semantics of the C code is not changed. SuperTest provides an anchor to the semantics of the C and C++ languages. Carefully constructed to verify the requirements of the language standard, SuperTest also contains many tests that not only deal with language semantics per se, but also with the analysis, transformation and code generation steps.

"Silexica's tools address highly complex multi-core platforms providing unique challenges to SuperTest," said Marcel Beemster, Solid Sands CTO. "We are proud to report that SuperTest successfully met this challenge, and now provides improved C code support to Silexica."

"We were able to easily integrate the SuperTest compiler tests into our continuous integration pipeline, helping us to commit to the high-quality level of compiler analysis that our customers expect," said Maximilian Odendahl, Silexica CEO. "Additionally SuperTest supports us in our ongoing commitment to further strengthen the robustness of our tools in the future

About Silexica
Silexica is the leading provider of software design automation tools addressing the increasingly complex multicore platforms required to build today's embedded vision, automotive, edge computing and wireless baseband processing products. SLX tools from Silexica help embedded software developers, system architects and semiconductor providers to design and build multicore systems faster and better than before. Silexica licenses its technology to renowned electronic companies around the globe and supports its customers from local offices in Germany, U.S., Japan and China. For more on Silexica, visit www.silexica.com

About Solid Sands
Solid Sands is the one-stop shop for C and C++ compiler and library testing, validation and safety services. With SuperTest, Solid Sands offers the largest test and validation suite with a unique level of compiler and library test coverage. SuperTest starts where other suites end. SuperTest enables its customers to achieve the software quality level required by ISO standards. More information on Solid Sands products and services is available at www.solidsands.nl and you can follow us on LinkedIn and Twitter.

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