Synopsys Introduces Migration Service From Verisity Specman Elite® to Synopsys VCS® Verification Solution

VCS Native Testbench Migration Service Provides Access to Up to 5X Faster Verification Performance

Synopsys, Inc. (NASDAQ: SNPS), a world leader in semiconductor design software, today announced a service to allow users of Verisity's Specman Elite testbench product to easily migrate to Synopsys' industry-leading VCS comprehensive RTL verification solution. The Native Testbench (NTB) migration service converts Specman Elite verification environments to VCS environments and offers accompanying tool, language and methodology training. The migration from the Specman Elite testbench-only product to the VCS solution with NTB technology allows customers to achieve up to 5X faster verification performance. Combined with a broad portfolio of Synopsys' DesignWare® Verification IP and support for Synopsys' Reference Verification Methodology (RVM), VCS software provides an industry-proven, high-performance RTL verification solution.

"Creating a sophisticated verification environment requires the most capable bug-finding technologies, the fastest verification performance and a proven methodology based on broadly supported standards," said Janick Bergeron, scientist, Verification Group, Synopsys, Inc. "With Synopsys' single-compiler NTB technology and the widely used Reference Verification Methodology, VCS software delivers a powerful verification solution in a single tool."

VCS Native Testbench Technology

Engineers can now use VCS NTB technology together with Synopsys' proven Reference Verification Methodology to create powerful constrained-random stimulus, write assertions to monitor the design and perform functional coverage analysis. Native Testbench technology deploys a unique, single-compiler architecture to simultaneously optimize design, testbench, assertions and coverage, delivering significantly higher verification performance compared to fragmented environments. This architecture enables full interoperability between the OpenVera® language and the SystemVerilog standard.

VCS NTB Migration Service

The NTB migration service is available to customers using Verisity's Specman Elite tool. Customers who sign up between Feb 15, 2005 and May 16, 2005 can take advantage of promotional pricing for the migration service. The migration service includes:

-- Conversion of e verification environments to VCS NTB environments
-- Tools, language and methodology training
-- Custom verification IP development

-- eVC migration to the Synopsys DesignWare Verification IP portfolio with support for a large number of protocols, including AMBA® 3 AXI, AMBA 2 AHB/APB, Serial ATA and the PCI, USB and Ethernet families.

"Customers are increasingly moving away from proprietary point tools toward an integrated solution," said Farhad Hayat, vice president of Marketing, Verification Group, Synopsys, Inc. "The NTB migration service makes it easier for current Specman Elite users to take advantage of powerful bug-finding technologies in the Synopsys VCS solution and realize higher verification throughput and cost reduction."

Availability

Synopsys' VCS NTB migration service is available immediately. Customers interested in migrating to VCS should contact local Synopsys representatives for more information.

About Synopsys

Synopsys, Inc. is a world leader in electronic design automation (EDA) software for semiconductor design. The company delivers technology-leading semiconductor design and verification platforms and IC manufacturing software products to the global electronics market, enabling the development and production of complex systems-on-chips (SoCs). Synopsys also provides intellectual property and design services to simplify the design process and accelerate time-to-market for its customers. Synopsys is headquartered in Mountain View, California and has offices in more than 60 locations throughout North America, Europe, Japan and Asia. Visit Synopsys online at https://www.synopsys.com/.

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