

Design Automation Conference
Booth 1564

SoftJin Announces Fast Layout and Mask Data Comparison tool

Distributed Application developed using upgraded Nirmaan software development toolkit

SANTA CLARA, CA and **BANGALORE, INDIA** – May 22, 2007 – SoftJin, a customized EDA (Electronic Design Automation) tool development company, announces **NXCompare**, a fast and versatile Geometrical Comparison tool that compares any two layout and/or mask databases, which may be in different formats, have different hierarchies or come from different sources. SoftJin also announces **Nirmaan 3.0**, the upgraded version of its software development toolkit for developers of post-layout and DFM/DFY (Design for Manufacturing/ Design for Yield) tools.

NXCompare offers fast and versatile layout and mask data comparison. It is SoftJin's first end user distributed processing application based on Nirmaan software development toolkit.

Its features include:

1. Cross format comparison support for multiple layout and mask data standards, including GDSII, OASIS, MEBES, OASIS.VSB and OpenAccess, with more to be added in future,
2. Distributed computing to achieve fast turnaround time,
3. Unlimited data handling capacity (can handle hundreds of GBs of GDSII data),
4. User defined tolerance to filter out nuisance differences.

As compared to conventional DRC tools, NXCompare provides a better price and performance alternative as it has been specifically designed to deal with comparison of large, cross format databases.

Nirmaan 3.0 software development toolkit, the upgraded version of SoftJin's component software for post layout tool developers, has 10X performance improvement over previous version in terms of run-time speed-up, reduced memory utilization and reduced output file sizes. New features include support for developing distributed computing applications, native Input/Output interface for OpenAccess 2.2, robust all-angle geometric operations and support for text and properties.

Users

Back End IC designers and Mask designers who are dealing with layout and mask data can use NXCompare for more efficient verification of their layout and mask data. EDA companies can use NXCompare for regression testing of their post layout tools.

Nirmaan's users include in-house tool developers in semiconductor and EDA companies. By using Nirmaan as a re-usable development platform, tool developers can develop a host of customized post layout and DFM tools, more than 2X faster and cheaper as compared to developing each tool from scratch.

Price and Availability

NXCompare and Nirmaan 3.0 will be available at beginning of June 2007 and will be demonstrated at SoftJin's booth # 1564 at the upcoming Design Automation Conference from June 4-7, 2007 at San Diego, California.

Nirmaan 3.0 developer licenses start at \$100,000/year and depend on the sub-components selected. NXCompare pricing starts at \$10,000/year and varies with the number of formats selected, and the number of nodes used for distributed computing.

For more details, please contact sales@softjin.com

About SoftJin

SoftJin Technologies Pvt. Ltd. develops customized EDA tools for the specific requirements of semiconductor and EDA companies using a combination of EDA software development services and re-usable building blocks. SoftJin's customized EDA software development approach offers the advantages of enhanced EDA software capability, flexible capacity and cost savings to customers. Last year (August 2006) SoftJin was chosen as one of the top 100 private companies in Asia that play a leading role in innovation and technology by Red Herring magazine. More information is available at <http://www.softjin.com>

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