



News Letter July 2010

LIBRARY/IP VALIDATION AND LIBRARY/IP DESIGN FLOW CHECKS

About: Fractal Technologies is a privately held company with offices in San Carlos, California and Eindhoven, the Netherlands. The company was founded by a small group of highly recognized EDA professionals.

Scope: The scope of Fractal Technologies is oriented toward customization and customer services. What we learned from our experience is that Design Flows are customer specific and that creating a comprehensive solution is an ever growing challenge, that requires a lot of interaction with customer to achieve specific target within that flow.

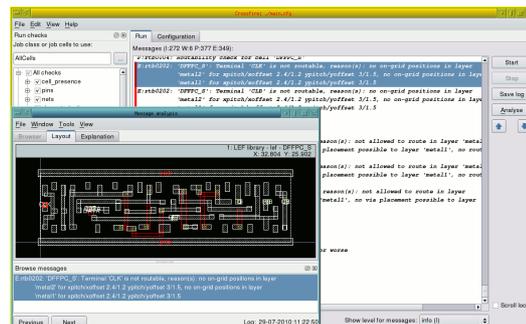
Focus: Fractal Technologies will focus on Library and IP Validation services and Design Flow checks Customization. Of course, Fractal Technologies will still offer the Crossfire-lib software to potential customers.

Crossfire Product: View mismatches or modeling errors for Libraries or IP can seriously delay an IC design project. Be

cause of the still increasing number of different views required to support a state of the art deep submicron design flow, as well as the complexity of the views themselves, Library and IP integrity checking has become a mandatory step before the actual design can start.

Crossfire helps CAD teams and IC designers in performing integrity validation for Libraries and IP. Crossfire makes sure that the information represented in the various views is consistent across the views and does not contain anomalies originating from e.g. failing characterization scripts.

Crossfire includes a standard option to view all formats on the spot and in these views errors will be automatically flagged. By clicking on the error Crossfire will take you directly to the applicable data format so debugging will become an easy and straightforward part of the validation flow.





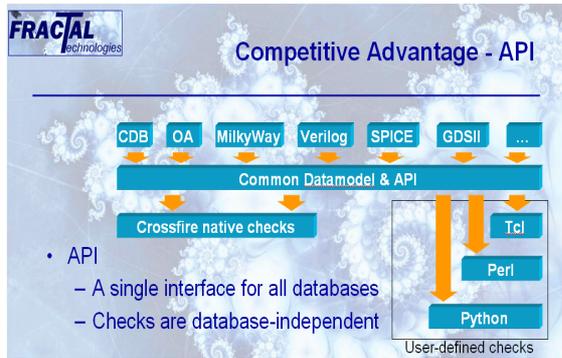
Crossfire allows you to integrate existing tests (DRC, LVS) and includes an API functionality which allows you to build new, custom specific tests into the Crossfire environment. The Crossfire API supports perl, tkl and python.

Contact

For Info, Sales or Support please contact

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Library/IP Validation Report:

Fractal Tech will perform all the validation needed to insure a robust Library/IP and will provide a report to its customers.

Library/IP Design Flow checks consolidation and extension:

Fractal Tech will deliver any type of scripts/code that its customers need to consolidate or extend their actual Design Flow checks. For examples:

- Analyzing characterization data in liberty files.
- Visualizing data in liberty files
- Perform customer specific layout checks. E.g. Positions of pins.
- ... more