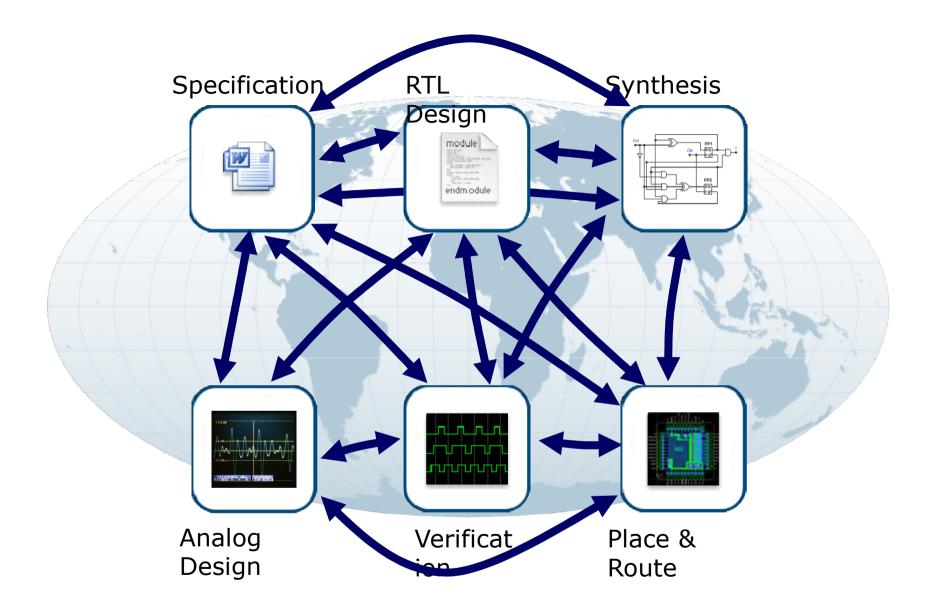# Solutions for Project Management

Michael Henrie
Sr. Engineer
ClioSoft, Inc.
"A story from a customer"

- Multiple designers working on different servers and sharing data between these designers involved tar'ing up and transmitting the data through r-sync/ftp. This was time consuming for designers and the EDA team.
- By opening up permissions for shared libraries there was no accountability and we did not know who was editing what!
- When a designer inadvertently deleted a cell-view it was a hassle to restore his data b/c we had to look in the *.snapshot* directory or the backup tapes.
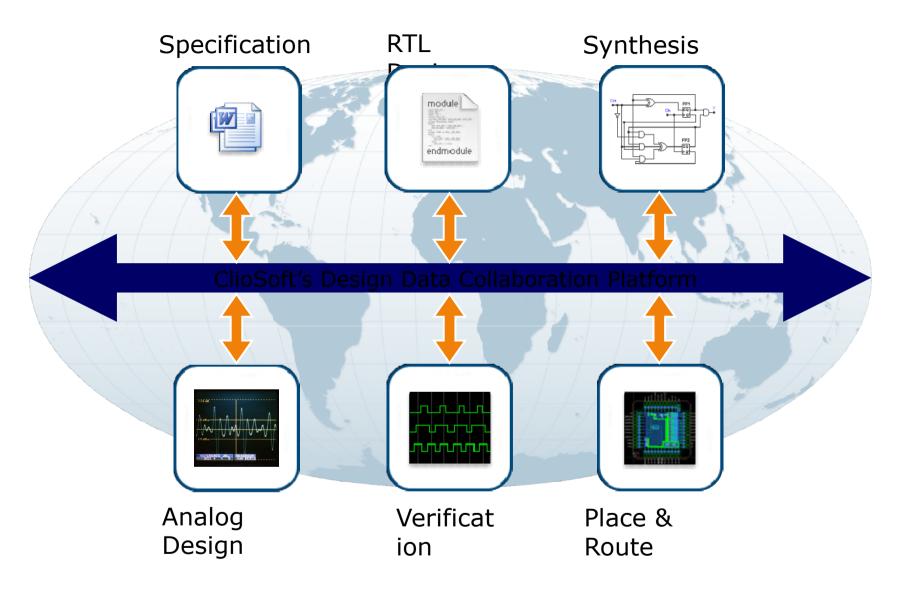
Problems in the Past

Specification

RTL Design

Synthesis

Analog Design

Verification

Place & Route

Problems in the Past

- Managed ClioSoft projects allow sharing of Cadence libraries and certain files across multiple design teams and sites.
- The Audit trail keeps a detailed log of all activities that took place during the life span of the project.
- ClioSoft permits the retrieval of any checked in cell-view without going to the backup tapes.
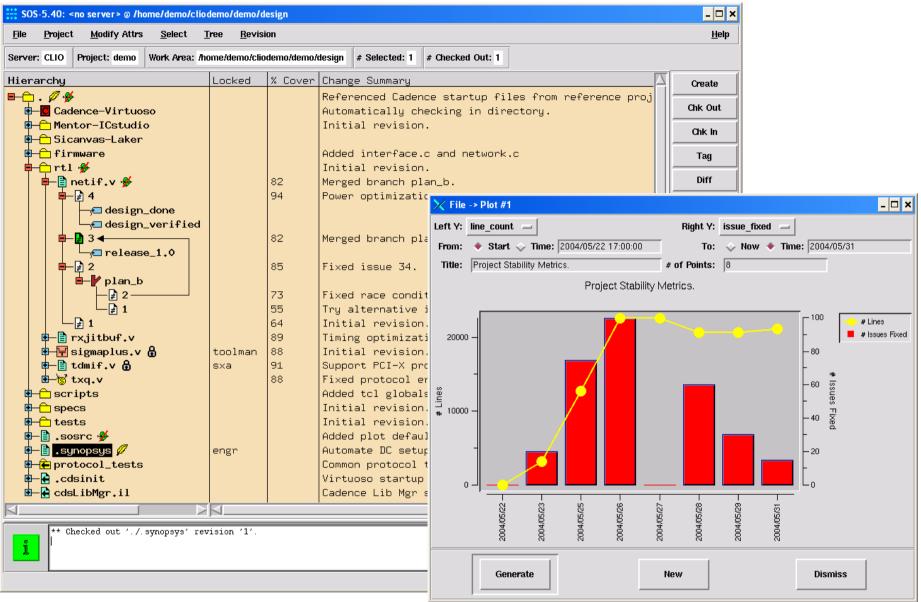
Advantages of DM System

Advantages of DM System

- Incorporate Tags and Attributes to verify certain milestones in the design cycle.

- Management can track where most of the time is spent during the design cycle time and figure out the best way to speed up the lagging portion.

- Designers will also benefit since they can utilize tags to organize which Layout cells are DRC/LVS clean or which schematic/config cells they have run advanced analysis on.

Tracking Metrics

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