



## **Tools**

**Rapid Prototyping of Application-Specific Signal Processors**

# Aspect Development, Inc.

The RASSP Reuse Data Manager (RRDM) will integrate, manage, and provide access to all hardware, software, and architectural design data developed during the process of designing a digital signal processing (DSP) system under the RASSP methodology, and it will enable reuse of design data throughout the enterprise.

## **Focus on RASSP**

Aspect's Explore-CIS innovative Soft-Model architecture combines the flexibility of object-oriented technology with the power, performance, and security of Oracle Corporation's relational database system. The system's object modeling capabilities enable RASSP users to quickly classify and integrate all business and technical information required for complete component, supplier, and design reuse management: VHDL models, algorithms, design automation libraries, parts lists, or complex relationships between the data entities. An object-relational search engine enables users to query the central repository for information according to almost any criteria, through a simple graphical

user interface, and find matches from databases of over a million records in only a few seconds.

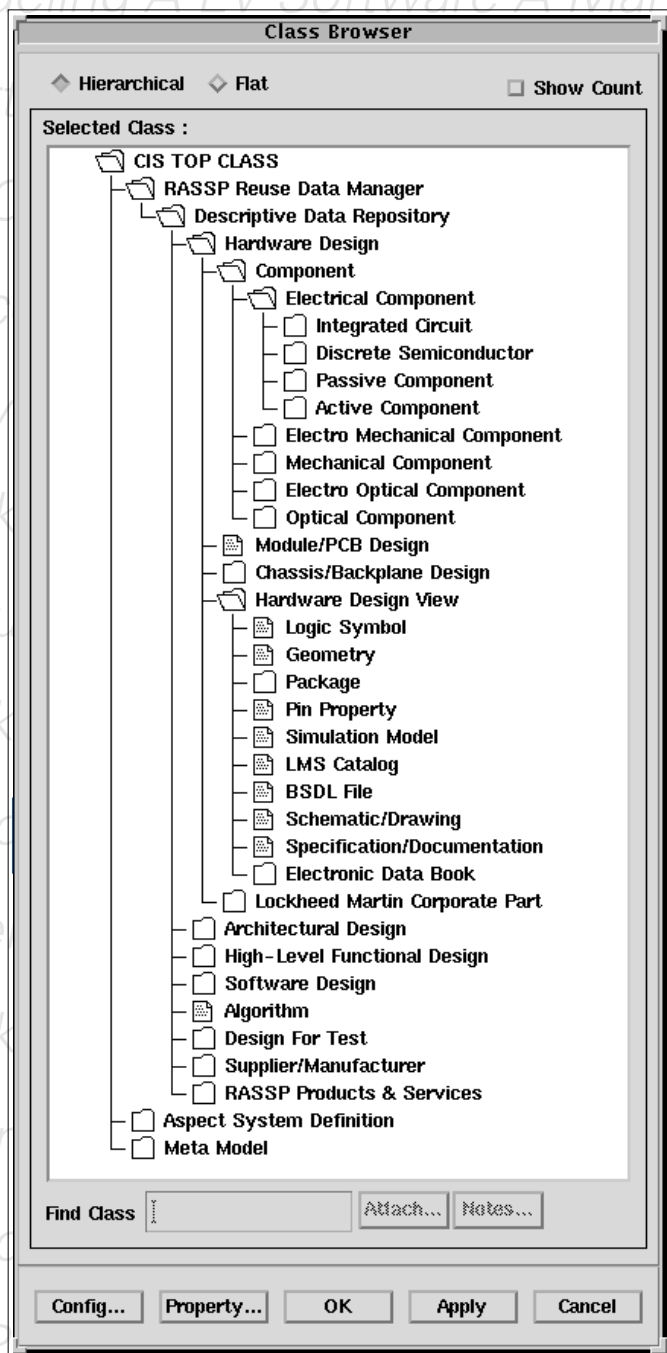
RASSP funding also supports extensive design tool and data integration with Explore-CIS. Tool integrations, which enable bi-directional data exchange and synchronization through the graphical user interface and in batch modes, include:

- Intergraph Corporation's Design Methodology Manager (DMM)
- Intergraph's new Data Manager (DM2.0), which will manage product data in the RASSP enterprise environment
- Mentor Graphic's Library Management System (LMS) and Design Architecture.



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Aspect is also developing the RASSP Reuse Design Object Classification Hierarchy for hardware, software, architecture, systems, VHDL model, and algorithm design objects. Aspect is working closely with Lockheed Martin to standardize this hierarchy as a product of the RASSP program.

### For More Information

David Burwen  
(415) 428-2708

The RASSP Reuse Design Object Classification Hierarchy in the Explore-CIS class browser window.