

# IAF Coaster™ for Oracle9i OLAP

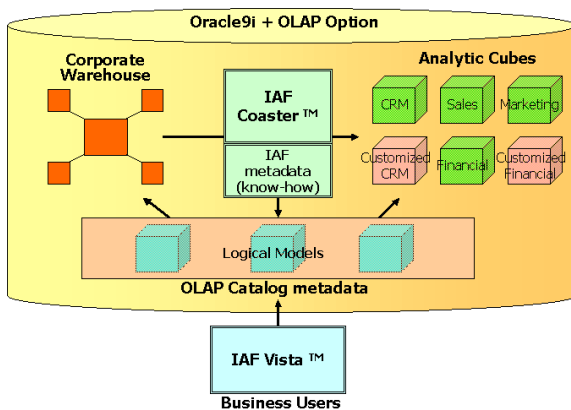


## Innovative Metadata Management Tool

IAF Coaster™ is an innovative metadata management tool for Oracle 9i OLAP that allows customers to create and manage their own analytic models without changing data structures in a corporate data warehouse. This unique solution helps speed the design and administration of OLAP analytic models by leveraging patent-pending technologies, such as flexible modeling features and powerful segmentation functions.

## Extends the Power of Oracle9i OLAP

IAF Coaster extends the Oracle9i OLAP environment and resolves the issues that limit traditional OLAP systems. IAF Coaster manages the core elements of the analytic model, such as dimension, hierarchy and measure, as *parts* in its metadata repository. These elements are completely divided from the physical source so that modifying metadata for the specific change requested can be accomplished without affecting the underlying source data structure.



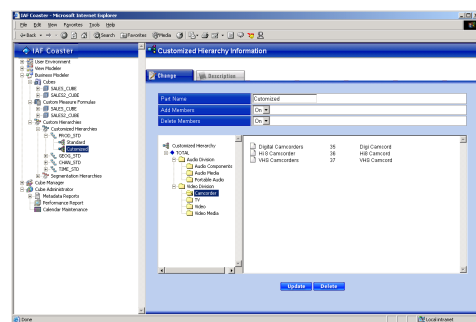
New Generation OLAP Management with IAF Coaster

## Powerful Modeling Functions

Most OLAP tools provide basic advanced data presentation functions (e.g. 3-D graphics, pivot tables, crosstabs, 3D cubes), as well as advanced data aggregation, consolidation, and classification functions, including: slice and dice, drill down, and roll up data. IAF Coaster's business-oriented functions include the ability to calculate market share, sales margins, financial and accounting ratios, statistics and forecasting functions. In addition, advanced data modeling functions, such as "what if" scenarios, variable assessments, and business models, are easily executed with IAF Coaster.

### - Virtual Hierarchies

IAF Coaster enables a DBA or an analytic producer to customize hierarchy structures, as the need arises, without programming or dimension table changes in the data warehouse.

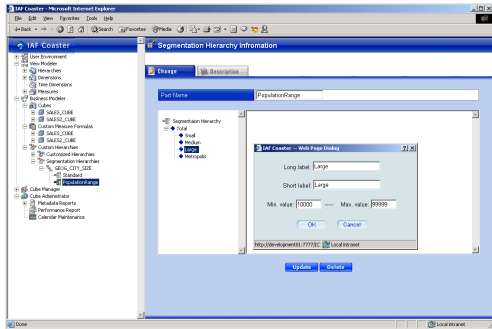


Creating Virtual Hierarchies with Business Modeler

### - Value-based Segmentation

Value-based segmentation allows business users to specify value ranges for the dimension attributes in the metadata. As contrast, without IAF Coaster, DBAs have to create a "price range" column in the

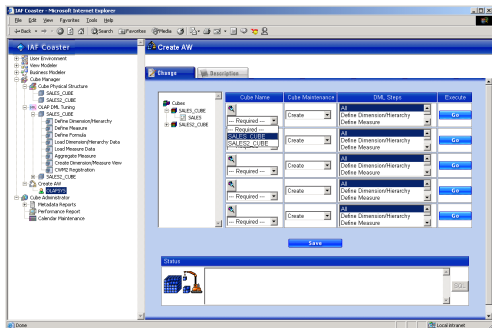
product dimension table in advance in order for users to analyze price range data. The business users' work often requires range changes and they are frustrated when these changes cannot be done quickly. IAF Coaster allows DBAs to create value-based segmentation in the metadata so that dimension tables do not have to be changed in the data warehouse.



Creating Segmentation Hierarchy with Business Modeler

## Simplify Oracle9i OLAP Administration

IAF Coaster also offers powerful administrative features that greatly simplify the administration and maintenance of Oracle9i OLAP. Most importantly, with IAF Coaster, DBAs do not have to learn how to write code in OLAP DML or the OLAP Catalog API (CWM2 PL/SQL packages). IAF Coaster generates not only OLAP DML but also CWM2 PL/SQL packages automatically based on its metadata repository information. As soon as DBAs design the analytic models by using sophisticated modeling functions, they can implement them in real cubes that will be accessible by business users. Using IAF Coaster simplifies the building of OLAP cubes and management of metadata, therefore saving time and effort.



Creating Analytic Workspaces with Cube Manager

## [IAF Coaster Features]

### View Modeler (Corporate Warehouse Mapping)

- Hierarchy mapping
- Dimension mapping
- Time Dimension creation
- Measure mapping

### Business Modeler (OLAP Model Design)

- Cube design
- Custom Measure Formula
- Virtual Hierarchies
- Value-based Hierarchies

### Cube Manager (Management of OLAP Cubes)

- Physical Cube Configuration (Sparsity and Composite Management)
- OLAP DML and OLAP Catalog API tuning
- Cube (Analytic Workspace) Management

### Cube Administrator

- Metadata Reports
- Performance Reports
- Calendar Management

## [Supported Platforms]

### Database Server:

Platform: SUN Solaris, Windows NT/2000/XP  
Software: Oracle9i R2 + OLAP Option

### Application Server:

Platform: SUN Solaris, Windows NT/2000/XP  
Software: Oracle9iAS R2

### Client:

Platform: Windows NT/2000/XP  
Software: Microsoft Internet Explorer 6.0



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