



ColdFusion ORM

Description

Relational databases are the core of most enterprise applications. However, when you map a relational database to objects, it becomes a challenge. Object relational mapping (ORM) is a programming framework that allows you to define a mapping between an application object model and the relational database.

Schedule / Outline

I. WHAT IS ORM?

Benefits

ORM is NOT a silver bullet

How do we start?

II. ORM ARCHITECTURE

- ACTIVATING ORM
- OO Modeling
- PERSISTENT CFC
- MAPPING PROPERTIES
- ORM TYPES

- COMPUTED PROPERTIES
- PROPERTY ATTRIBUTES

III. ORM RELATIONSHIPS

- GENERATED METHODS
- ADVANCED MAPPINGS
- CRUD OPERATIONS

IV. LOADING ENTITIES - SELECTS

V. CRITERIA QUERIES

VI. HELPER FUNCTIONS

VII. CACHE FUNCTIONS

VIII. Understand Hibernate Session

IX. Transaction Demarcation

X. ORM Events

XI. Lazy Relationships

XII. Use DB Indexes

XIII. Cache = BOOST!

XIV. HQL Maps

XV. COLDBOX ORM Module

XVI. ORM Utilities

XVII. Criteria Builder