Data Lifecycle Management for MySQL
Agenda

Speaker Introductions
Overview of Data Lifecycle Management
Cover each DLM area in Detail
Demo of Embarcadero Solutions
Speaker Introductions

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VP Product Management – Embarcadero Technologies
17 years experience as DBA/developer/ETL
Former software reviewer/writer for DM Review, eWeek, Intelligent Enterprise, and others
Author of three database performance books

Billy Bosworth
Director of Development Tools – Embarcadero Technologies
10+ years experience as database developer/DBA
Author of database development book
Enterprise Data Lifecycle Management

Data Architects, DBAs, Developers, ETL Specialists

Application Systems

Business Reporting

Ad-hoc Requests

Access

Data Management Service Layer

Database Management Service Layer

Performance Management Service Layer

Provisioning

Enablers

DBAs, Developers, Performance Analysts

Enablers

Data Design

RDBMS

Files

XML

ORACLE

SAP

SYBASE

Microsoft

PeopleSoft

Oracle

IBM

MySQL
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Documentation

Automation

Data Integration

Data Extract/Load

Transformations

Data Cleansing

Data Definition

Standards Control

Version Control

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RDBMS Cross Platform/Non-RDBMS Coverage

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DBAs, Developers, ETL Specialists

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Application

Systems

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Reporting

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Data Management Goals

- Build smart data/database designs
- Document, reuse, and version data designs
- Ensure ease of platform transfer (if necessary)
- Create robust, scalable, and accurate ETL processes
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ER/Studio

ER/Studio Repository

DT/Studio

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NCR
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Backup/Recovery

Change Control

Business Logic

Automation

Data Mgmt

Capacity Mgmt

Object Mgmt

Storage Mgmt

Security Mgmt

Cross Platform Coverage

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Database Management Goals

Handle cross-platform core administration duties
Protect and secure critical data assets
Efficiently handle job management across O/S platforms
Revise physical designs for optimal performance
Enterprise Data Lifecycle Framework – Database Management

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Database Management Service Layer

- DBArtisan
- Rapid SQL
- Job Scheduler

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Performance Management Overview
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Performance Management Service Layer

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Cross Platform Coverage

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Enablers

DBAs, Developers, Performance Analysts
Performance Management Goals

Properly test to ensure correct system configuration (server, database, etc.)
Optimize database and code for high performance
Proactively monitor and detect issues before they reach critical mass
Confidently predict future needs
Enterprise Data Lifecycle Framework – Performance Management

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DBArtisan

Extreme Test

Performance Center

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Thank You!

MySQL
Users Conference 2005