



DAMA New Jersey

DAMA DAY 2010

Monday, November 8th, 2010

location:

Crowne Plaza Hotel, Clark, NJ

What Data Management Professionals Need to Know

Working With The Business

Graeme Simson

Data Modeling in Agile development environments

(issues, best practice, and dynamics)

Len Silverston

Case Study:

Adventures in implementing a successful Data Governance Program

Pablo Riboldi



ER Web Portal: Enterprise Reporting

How to evangelize model meta data to the enterprise and make real time decisions based on a fluid and agile environment

Rick Iannitelli,
Principal Software Consultant

ER Web Portal: Enterprise Reporting

- Introductions

Rick Iannitelli

Principal Software Consultant

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- What am I presenting?

How to evangelize model meta data to the enterprise and make real time decisions based on a fluid and agile environment

- What is my agenda?

ER Web Portal: Enterprise Reporting

- Requirements Document
- Conceptual Data Model – ER Studio BA
- Logical Data Model – ER Studio DA
- Add LDM to ER Studio Repository
- Use the ER Studio Portal to collaborate
 - Make changes along the way
 - Repeat this cycle as many times

ER Web Portal: Enterprise Reporting

My Wife's PreSchool Basic Requirements

General Information about School

- 8 classes per year
- 20 sessions per week
- 110 Students
- 10 staff members

General Requirements Prioritized

Very Important (1st Iteration)

- Enroll Children in School and collect personal information
- Collect medical, vaccinations and appropriate permissions for Children
- Place children in appropriate class and create class lists
- Charge tuition based on class
- Create payments plans and maintain balances
- Maintain Student Family Contact information

Important (2nd Iteration)

- Maintain and manage student progress reports
- Maintain children's attendance records

Not So Important (3rd Iteration)

- Maintain Staff Records, including personal information, training and attendance

Least Important (4th Iteration)

- Staff Monitors inventory of class room and office supplies

ER/Studio Modeling Suite



ER/Studio® Data Architect – A model-driven data architecture and database design solution.



ER/Studio® Business Architect - Business modeling tool for connecting process and data.



ER/Studio® Software Architect - UML modeling tool to visually analyze, design and implement complex application and data structures.

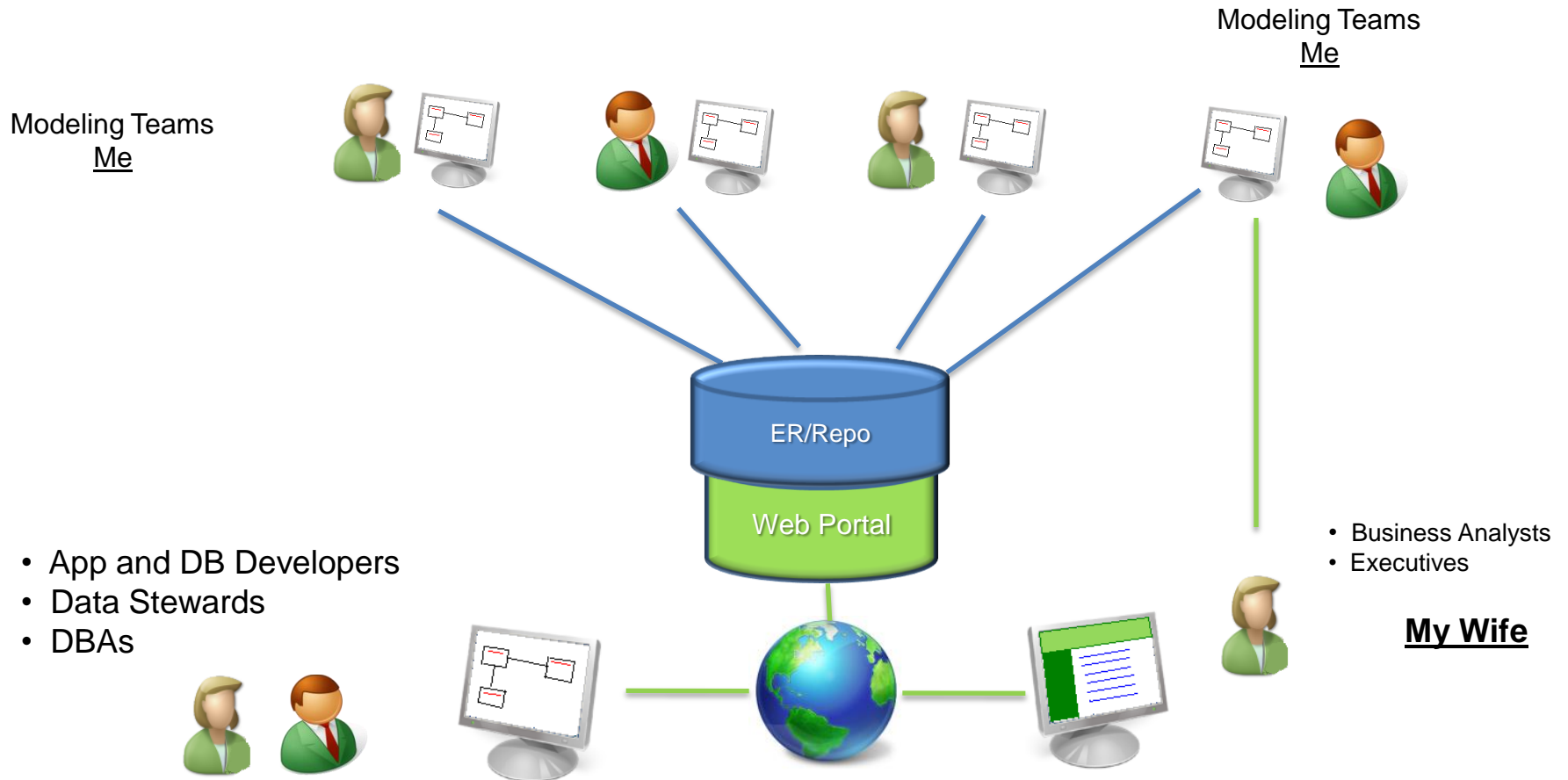


ER/Studio® Portal - A browser-based solution allowing organizations to share, browse, and report on information contained in the ER/Studio Repository.



ER/Studio® Repository - A scalable, server-based, model management system.

ER Web Portal: Enterprise Reporting



ER Web Portal: Enterprise Reporting

- Additional Resources
 - Agile Modeling
 - <http://www.agilemodeling.com/>
 - ER Studio Data Architect
 - <http://www.embarcadero.com/product/er-studio/product-demos>
 - ER Studio Business Architect
 - <http://www.embarcadero.com/product/er-studio/product-demos>
 - ER Studio Software Architect
 - <http://www.embarcadero.com/products/er-studio-software-architect>

Thank You



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