Adaptive, Inc.

Technologies for EA: Future Vision

www.adaptive.com
Adaptive’s Mission

To help complex organizations adapt to change in real time, by providing innovative solutions that enable them to align their capabilities with strategic intent.

...Real change in Real time
Management Functions

External Influence

Plan for the Enterprise → Strategic Intent

Organize activity & resource → Process & allocated resource

Lead people → Motivated people

Monitor performance → Measured performance
Management Functions VS EA Process

- **Model or Write planning information**: Extract predictable patterns from reality and capture in models & text.

- **Manage Enterprise blueprint**: Manage is primarily concerned with integration, interdependencies (e.g., resource allocation) and mobilization — Communication, Collaboration & Consensus.

- **Monitor Enterprise blueprint**: Measure the actual performance of the organization and its capabilities and ensure that plans are being executed and objectives being performed.

**Management Functions**
- Plan
- Organize
- Lead
- Control

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Model or Write planning information – Main Navigation Screen
EA Technology Architecture Stack

...Real Change in Real Time

Required Hardware
- Dual Pentium 1.6 GHz or higher
- 1 GB RAM
- 40 GB Hard Disk Space

Required Software
- Oracle 8.1.7
- Standard SQL or Greenplum 1.1
- Windows NT/2000 or XP

Web Service Tier
- Required Hardware
- Dual Pentium 1.6 GHz or higher
- 1 GB RAM
- 10 GB HDD or Disk Space

Required Software
- Web App Server (Tomcat 4.0.5 or WebSphere 4.0)
- JDK 1.3.1
- Windows NT/2000 or XP

Web Tier
- Required Hardware
- Dual Pentium 1.6 GHz or higher
- 1 GB RAM
- 10 GB HDD or Disk Space

Required Software
- Oracle 8.1.7
- Standard SQL or Greenplum 1.1
- Windows NT/2000 or XP

Enterprise Tier
- Required Hardware
- Dual Pentium 1.6 GHz or higher
- 1 GB RAM
- 10 GB HDD or Disk Space

Required Software
- Oracle 8.1.7
- Standard SQL or Greenplum 1.1
- Windows NT/2000 or XP

Database
- Facility/MetaData/Repository
- Objects
- Instances/Attributes
- Relationships
- Simple/Association
- Ordered/Association
- Composite/Association
- Ordered/Composite/Association
- Typenames
- Attributes/Enumerators

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Meta Object Facility Standard

M0 Layer Information
M1 Layer Model
M2 Layer Meta-Model
M3 Layer Meta-Meta-Model

instance data

UML Model
IDL Interface
UML Meta-Model
IDL Meta-Model
Mof Model
XML

MOF - Meta Object Facility
IDL - interface Definition Language

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Thank You!
Model or Write planning information – Application Detail

...Real Change in Real Time

![Application Credit rating](application.png)

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<th>Overview</th>
<th>Edit Overview</th>
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<td>Add Assessment</td>
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# Model or Write planning information – Application Detail: Overview

## ACR (Application Credit rating)

### Overview

The ACR receives feeds from the AOC Warehouse, ICBS and BACS.

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### Classification

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### Application Interfaces

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### Application Decomposition

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### Business Processes

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### Deployments

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### Artifacts

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### Interests

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Model or Write planning information – Application Detail: Classifications

ACR (Application Credit rating)

Overview

Classification

Common

Critically

Very High

eTDM Business Function

Business Functions


Frequency

Frequency

Very rare

Note

Programming Language

Operating System


Natural Language

English

Development Status

5 - Production/Stable

Topic

Accounting

Intended Audience

End Users/Desktop

Application Interfaces

Application Decomposition

Business Processes
Modify Classification for: ARC: Ames GIS System Interface

Classification Schema

- Adaptive Reference Category Schema
  - Adaptive Domains
  - Federal Enterprise Architecture
    - Business:Reference Model Version 2
      - Management of Government Resources
        - Administrative Management
          - Facilities, Fleet and Equipment Management
          - Help Desk Services
          - Security Management
          - Travel
          - Workplace Policy Development and Management
        - Financial Management
          - Accounting
          - Asset and Liability Management

Save Changes  Cancel
Model or Write planning information – Application Interfaces

ACR (Application Credit rating) - Application Interfaces

ACR (Application Credit rating)
Model or Write planning information – Application Decomposition & Link to Business Process
Model or Write planning information – Strategic Concepts

- Mission
- Business Plan
- Vision
- Guiding Principle
- Theme
- Goal
- Objective
- KPI
- Strategy

Plan of future strategy: a plan that sets out the future strategy and financial development of a business, usually covering a period of several years.
Model or Write planning information – Strategic Concepts: Business Plan

NASA FY2003 Q4 Business Plan

Overview

Theme

Mission

Guiding Principles

Standards

Compliance Items

Classifications

Business Relationships

Artifacts

Interests

Transitions

Discussion Topics

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Model or Write planning information – Strategic Concepts: Business Plan (Graphic)
Dashboard

...Real Change in Real Time

Applications by Location

Application Scorecard

- AGC Data Warehouse
- BACS (Branch Automated Credit Scoring)
- ADS - (Automated Disbursement System)
- ACR (Application Credit rating)
- ICBS
- ICES System
- Charter Test App
…Real Change in Real Time

Perspectives

- 0.0 Combined
  - 0.0.0 Combined Eval
    - Combined branch for evaluation users
  - 0.1 Combined to Be
- 0.0 Root
- 0.0 Demo
  - 0.0.0 Demo Eval
    - Demo branch for evaluation users
  - 0.1 Demo To Be
- 0.0 Tackle perspective
- 0.0 Charter perspective
  - 0.1 Charter Blue Sky
- 0.0 Smiths perspective
- 0.0 RESS perspective
- 0.0 Dynamics perspective
- 0.0 Makino perspective
- 0.0 visuals perspective
- 0.0 Eval perspective

This is how we want our architecture to look!

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