Integration - Using OracleAS Portal to Bring It All Together

Chris Ostrowski
Technical Management Consultant
TUSC

NYC Metro Area Oracle Users Group Day
Using OracleAS Portal to Bring It All Together

Topics discussed:

- Introduction
- Data Integration
  - JDBC Drivers
  - OmniPortlet
- Application Integration
  - The URL Portlet
  - Web Clipping
  - External Applications
- Questions
What is Oracle Portal?

“Oracle Application Server Portal is a Web-based tool for building and deploying e-business portals. It provides a secure, manageable environment for accessing and interacting with enterprise software services and information resources. A portal page makes data from multiple sources accessible from a single location”.

Using OracleAS Portal to Bring It All Together

Introduction

- Portals
  - Activities:
    - Content Management
    - Portlets
    - Page Design
    - Administration
Data Integration
Using OracleAS Portal to Bring It All Together

Data Integration

• JDBC
  • Defined
  • Native Drivers
    • DB2
    • Informix
    • MS SQL Server
    • Sybase
• **Declarative vs. Programmatic Development**
  - Benefits
  - Drawbacks
• OmniPortlet
  • Defined
  • Demonstration
Using OracleAS Portal to Bring It All Together

Application Integration

• Integration of external applications

• Benefits
  • Security
  • Visual Consistency
  • SOA-like
Using OracleAS Portal to Bring It All Together

Application Integration: The URL Portlet

- The URL Portlet
  - Easiest, but most limited
  - Demonstration
Web Clipping

- Gives users the ability to “clip” sections of a page
- Maintains security information (same user used for everyone who can view the page)
- Demonstration
Using OracleAS Portal to Bring It All Together

Application Integration: External Applications

- External Applications
  - Allows users to use Portal as a "gateway" to web-based application
  - Maintains security information (every OracleAS Portal user has their unique login)
External Applications (Continued)

- Username and password fields can be collected by viewing login page source
- Credentials can be defined allowing user to log in automatically
- Demonstration
Using OracleAS Portal to Bring It All Together

Questions?
Using OracleAS Portal to Bring It All Together
Where to get more information

TUSC:
http://www.tusc.com

Oracle documentation:
http://download-east.oracle.com/docs/cd/B14099_19/portal.htm
Contact Information

Author: ostrowskic@tusc.com
Phone:  (800)755-TUSC
http://www.tusc.com

Please report errors to TUSC. Neither TUSC, Oracle or the author warrant that this document is error-free.

TUSC © 2007. This document may not be copied or reproduced without the express written consent of TUSC.