

ENTERPRISE AND e-GOVERNMENT PORTALS

3-Day Public or Inhouse Course covering Enterprise Portal Technologies and Strategies for Integrated Access to Corporate Knowledge, Process and Workflow Resources

Presented by Clive Finkelstein

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Introduction

Enterprise Portals provide integrated access, through a single log-on, to the resources that are needed by each individual in the enterprise to carry out the person's assigned job responsibilities. Knowledge resources are fully integrated for easy access to required data and information, as well as for access to relevant processes and workflows. These knowledge resources include and combine structured data for Business Intelligence, such as databases and Data Warehouses - with unstructured data, such as documents, reports, email, graphics, images, audio and video.

Objectives

- Understand the different Enterprise Portal categories, for: Collaborative Portals, Business Intelligence Portals and Integration Portals
 - Review Portal products in each of these categories, together with their respective vendor strategies
 - Understand the role taken by Content Management products in Enterprise Portals
 - Recognize the role that Enterprise Portals can take in the rapid delivery of priority Enterprise Architecture areas into production
 - Understand the steps required for Enterprise Portal implementation
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Audience

CIO, CTO, Government Program Managers, Business Managers, Business Experts, IT Managers, Project Managers, Business Analysts, Systems Analysts, Enterprise Architects.

Course Outline

Strategies, Methods and Technologies for Implementing Integrated Portals

1. PORTAL BUSINESS DRIVERS AND CONCEPTS

- e-Business and e-Government Portals -
The Promise of a Central Gateway to Information, Knowledge, Workflows and Processes of the Enterprise
- Architecture Approaches and Integration Implications
- Review of XML and XSL for Use in Portals

2. ENTERPRISE AND e-GOVERNMENT PORTAL EXAMPLES

- Review of Enterprise Portal Categories: Collaborative, Business Intelligence and Integration Portals
- Critical Success Factors

3. ENTERPRISE ARCHITECTURE AND PORTAL PLANNING

- Using Enterprise Architecture (EA) to Identify Enterprise Resources for Portals
- How to Utilize EA for Business Integration, to Provide an Enterprise-Wide Approach to Building Integrated Portals

4. REAL-WORLD CASE STUDIES FOR PORTAL PLANNING

- Review of Real World Enterprise Architecture Portal Planning Projects for Government and Commercial Enterprise Portals

5. ENTERPRISE INTEGRATION USING PORTALS

- Enterprise Integration Portal Framework and Levels
- User Interface Integration for Content Management, Application Integration and Collaborative Services
- Portal Case Studies and ROI
- Choosing Portal Architecture and Products

6. COLLABORATIVE PORTAL TECHNOLOGIES

- Review of Features, Functions, Architecture and Components of Collaborative Portals from Various Vendors, Including IBM, Viador, Plumtree, Microsoft, Citrix, CorePort

7. BUSINESS INTELLIGENCE (BI) PORTAL TECHNOLOGIES

- Review of Features, Functions, Architecture and Components of BI Portal Products from Various Vendors, Including Ascential, Brio, CA, Cognos and Hummingbird

8. INTEGRATION PORTAL TECHNOLOGIES

- Review of Integration Portal Technologies, such as Hyper-Relational and Drag-and-Relate to Dynamically Integrate Unstructured Data Sources, Structured Data and the Internet
- How Integration Portals Integrate Unstructured Data Resources, Structured Data from ERPs, and Structured Data Bases of an Enterprise

9. CONTENT MANAGEMENT PRODUCT EXAMPLE

- Overview of Content Management Solutions and Automated Taxonomy Vendors
- Review of Features, Functions, Architecture and Components of Content Management Products from Various Vendors, Including Convera, BroadVision, Autonomy, Semio

10. EVALUATION SUMMARY OF PORTAL PRODUCTS

- Value Justification Approaches
- Evaluation Criteria Matrix: Platforms; Extensibility; Taxonomy; Categorization; Search; Personalization; Administration; and Security

11. EIGHT STEPS FOR PORTAL IMPLEMENTATION

- Develop Portal Business Case, Select Team and Create Portal Project Plan
- Understand User Functional and Content Requirements and Business Content Flow
- Develop Portal Framework, Select, Install and Integrate Portal Products
- Develop Portal Taxonomy and Categorization Scheme
- Design and Customize Portal User Interface
- Define Roles, Security and Single Sign-On
- Develop and Implement Integration Services
- Prototype Portal, Educate Users and Deploy in Phases