

Re-engineering and Extending Legacy Applications

Duration: 1 Day

Course Description

Legacy applications, many of the developed as early as the late 1960s, play a very significant role in our corporations' lives as the workhorses behind accounting, payroll, order entry or other vital applications ensuring continuity of the business. Still, legacy application are becoming excessively costly to maintain, and are a major challenge when attempting to modify them to keep up with business evolution.

This course helps students recognize the types of legacy applications, the basic legacy extension strategies, and options available to projects aimed at bringing legacy applications into the 21st century. The course also helps find answers to questions regarding infrastructure, process and other aspects of the extension project.

Audience

This course is intended for application architects, business analysts, and business and IT managers who need to understand legacy extension and the issues around it.

Prerequisites

The students should have basic understanding of IS processes and technologies.

Course Outline

Overview of Legacy Applications

- What is a Legacy Application?
- Classes of Mainframe Applications
- Legacy Environment
- The E-Commerce Landscape
- Goals of Legacy Extension

Architecture Types

- Data-Level Extension
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- Data-Level Extension
- Middleware-Level Extension
- Source Code Porting

Planning the Extension Project

- Starting the Legacy Extension
- Lifecycle
- Application Portfolio Assessment

Integration Technologies

- Factors to Consider
- Web-to-Host Options
- Vendor Positioning
- The Role of XML

- Architecture Design
- Implementation
- Rollout
- Staffing

Assessing the Legacy Application Portfolio

- Factors Deciding Fate
- Readiness for Extension
- Legacy Systems Migration

Approaches to Legacy Extension

- E-Commerce Architecture Types
- Strategies for Legacy Extension
- Presentation-Level Extension
- Process-Level Extension

- Enterprise Integration Bus

Transition Issues

- Migration Issues
- Performance
- System Management
- Pitfalls to Avoid

For more information about this and other offerings

Please contact Sterlink Data Systems at (416) 859-6470 or email us at training@sterlink.ca

