



Learn Perform Mentor

Enterprise Architect “Jump Start” WEBinars

Anywhere, anytime, anyplace for busy professionals like you

Thank you for your interest in our Enterprise Architect live WEBinars. Our Hands-on Workshops are a highly effective way to become a power Enterprise Architect modeler in the quickest time possible. Find out why Gartner and Forrester recommend Enterprise Architect as a full life-cycle tool.

- How do I get started using EA to model using UML?
- How do I get started doing an EA project?
- How may I use Enterprise Architect for Requirements Management?
- I’m a Systems Analyst how do I use EA for Object or Data modeling?
- How may I use EA to improve my Object Oriented Analysis and Design?
- How may I use EA for Project Management, QA and Model Guardianship?

Our Lesson plans have been polished over hundreds of training engagements with EA customers since 2001. These Hands-on Workshop are practical, results oriented and focus on productivity savings while getting new EA customers up to speed rapidly.

In our practice leader led EA WEBinars, you may listen to the mentor, practice Hands-on tool techniques, and ask questions freely. Register for an upcoming live EA WEBinar delivered by certified Mentor and Practice Leader.

Please choose from our Role-based Lesson plans in any order you wish to cover.
See following pages for detailed Lesson Plans



Business Analyst	Systems Analyst	Enterprise Architect	Software Developer	QA Manager	Project Manager
Increase customer communication	Early visibility to requirements	Design Business Driven Architectures	Requirements to Code as fast as possible	Generate test cases from use cases	Generate Project Stats from Use Case
Model Complex Business Processes	Model complexity early	Architecture is Use Case Driven	Integrate Model and Code	Generate Acceptance Test	Generate Use Case Metrics
Manage Scope	Analyze Use Case flows	Model Complex Re-use Object models	Re-factor Code	Generate Scenario Testing	Track Resource Allocation across the Life-Cycle
Gather Customer Goals	Model Screen Specs	Design SOA	Reverse Engineer	Generate Integration Tests	Use Case Breakdown structure
Focus on Value and Risk early	Model Data Specs	Design WDSL	Forward Engineer	Avoid Re-work with clear requirements	Project Stats Backlog items
Automate tedious chores	Find Business Objects in Use Cases	Model Enterprise Architecture	Edit Model or Code	Integrate Model with Test Suites	Cumulative Workflow Stats

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Led by Practice Leaders

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Mentor and Practice Leader
Ramsay Millar, CBAP, TOGAF, ISP
Integrate IT LLC

Areas of Practice

- "Closing the Gaps" to improve the requirements process
- Enterprise Business Architecture
- Business Process Improvement Modeling
- Improving the effectiveness of the Business Analysts
- Model Driven Architecture & Reference Models

Mentor and practice leader Ramsay Millar spends his working days as close as anyone can get to applying emerging trends for professionals searching for better ways to deliver and evolve business-critical software. You are invited to share his insights.

"We're seeing three trends maturing and starting to converge," said Millar. "When you layer all three trends together the cumulative effect is a solution to that high historic failure rate of software requirements."

The result is a profound change in IT culture and practice. This change improves business agility and creates repeatable software quality along with dramatic reductions in the need to re-work code. This kind of improvement appeals not only to the CIO team and Business Analysts but also to the comptroller, who is always looking for ways to increase value-for-money. Millar said the three trends of this "quiet transformation" include:

1. **a wish to close the gap between business requirements and software delivery** by applying proven methods, best practices and tools to the entire software development life cycle. This gap is closing across the life-cycle - from process workflows and rigorous use-case-driven requirements to well formed re-useable architectures.
2. **an increasing acceptance and sophistication of the Unified Modeling Language (UML) standard** - evidence of which is found in the rapid growth of reference models in Model Driven Architecture (MDA), the recent merging of UML and Business Process Modeling Notation (BPMN) by the Object Management Group (OMG), and increasing popularity of next-generation UML tools. IBM's strong support & Microsoft's recent membership in OMG.
3. **a shift towards more collaborative, role-based teamwork** and away from the culture of poor requirements by BA's to reactive code and fix developers and last minute testing of products that are too late and don't satisfy our customers. Millar said while there is widespread awareness of each of these changes on its own, industry leaders are just beginning to realize what happens when all three trends are combined within a team to produce changes in culture, process and tools.



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Enterprise Architect “Jump Start” WEBinar Reservation Order Form

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In our live EA WEBinars, you may listen to the presenter, follow the slides, and ask questions freely. Register for an upcoming live EA WEBinar delivered by Ramsay Millar, Mentor and Practice Leader, to address topics that are critical to you.

Have you gone through the 3,000 help screens of Enterprise Architect and still wonder how to build a project using Enterprise Architect from beginning to end? Have you ever felt intimidated by the complexity of UML? Have you ever felt that CASE tools are far to complex to use? Who has the Roadmap?

Enterprise Architect WEBinar Pricing in USD			
<i>We highly recommend keeping the WEBinar class size at 6 students to ensure our high quality of training</i>			
	Price	Quantity	Extension
EA Hands-on Workshop Project Guide Handbook included	0		
EA Live WEBinar – Per person per day	\$599		
Register Three Students - Get one free subtract \$599	0		
Register Six students – Get two free subtract \$ 1198	0		
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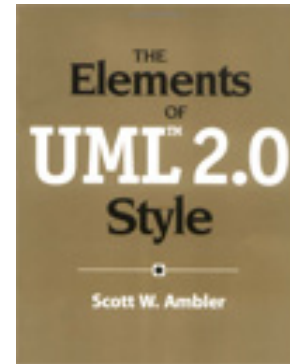
Getting Started using Enterprise Architect Enterprise Architect Role-based training Team Players

Workshop Benefits

Through a series of interactive Enterprise Architect hands-on workshops you learn and practice by building an evolving case study. Accelerate your next modeling project with this intense, interactive workshop emphasizes pragmatic modeling principles and techniques. With UML adoption now at 59% according to IBM and the recent entry of Microsoft support for UML it is now time to invest in learning the UML notation along with effective practices for communicating rigorous business and software requirements.

You Will Learn How To

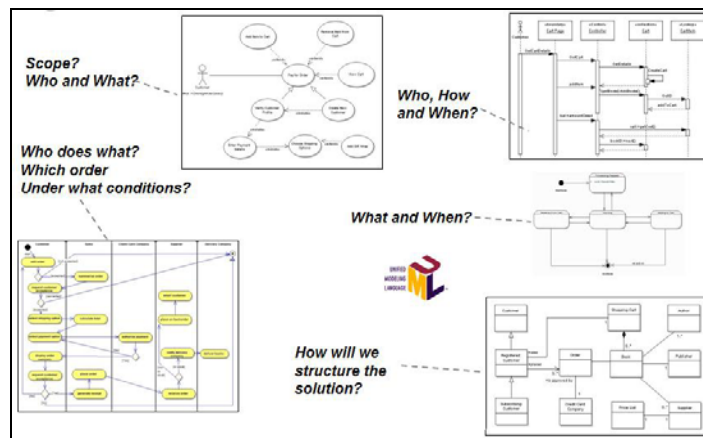
- Understand the major features of Enterprise Architect for BA's
- To organize your projects using the Project Browser
- Utilize UML models - Why and When diagrams are used
- Use the Enterprise Architect Toolbox effectively
- Use the Enterprise Architect Project Browser effectively
- Ensure you remain current with Best Practices & avoid common tool failures



Workshop Lesson Plans
are based upon current
best practice leaders

Getting Started Lesson Plans

- Using EA Help!
- UML and EA Modeling Basics
- Project Browser View
- Diagram View
- Searching the Model
- Work Traceability
- Extended UML Diagrams
- Business Modeling
- Requirements Modeling
- Software Modeling
- Systems Modeling
- EA Major Functionality
- View Menu
- Diagram Menu
- Tools Menu
- Project Menu
- Generating Documents using EA
- Model Standards and Guardianship
- Settings Menu
- Baselines
- Security
- Standard Model settings



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Business Analyst Role

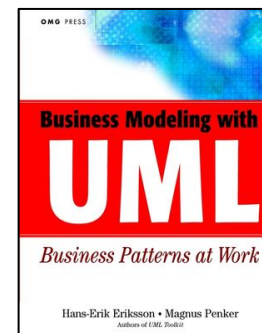
Enterprise Architect Role-based training Team Players

Workshop Benefits

Faced with ever rapidly changing business environments, organizations are under pressure to improve the process and to greatly reduce costs of business transactions. Business Process Management (BPM) as specified by OMG, and practiced by leading Enterprise Business Architects have made quantum leaps in productivity through redesign, innovation and the enabling power of technology. In this Hands-on Workshop, you will gain the critical knowledge, skills and practice needed to simply and effectively implement Business Processes using BPMN. Find out why Gartner and Forrester recommend Enterprise Architect as a full life-cycle tool.

You Will Learn How To

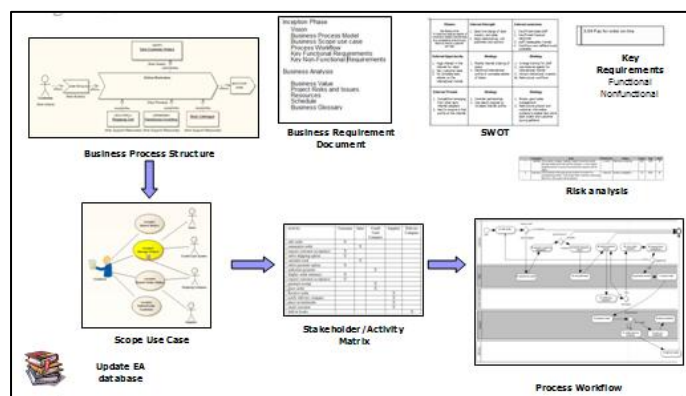
- Structure business processes to improve business agility and reduce dysfunctional process waste
- Organize, analyze and deliver Business Process Workflows using BPMN
- Achieve strategic advantage by practicing effective business modeling techniques using Enterprise Architect UML and skillful techniques
- Maximize customer satisfaction by matching workflow design to business goals
- Effectively model, communicate and analyze the As-is and the To-Be Process
- Apply UML Business Patterns to address solve process dysfunctions
- Ensure Best Practices (BABOK, TOGAF, practice Unified Process/UML and avoid common tool failures)



Workshop Lesson Plans are based upon current best practice leaders

Business Analyst Lesson Plans

- Strategic Business Modeling
 - Business Motivation Model (BMM)
 - Process Value Chain Analysis
- Inception Phase - BRD
- Business Process Improvement
- Basic Process Structure Pattern
- Determine Scope Use Cases
- Analyze Business Value & Risk
- Modeling the Process using BPMN
 - Relationship Matrix
 - BPMN Workshop
- Root Cause Problem Analysis
- AS-IS and TO-BE Analysis
- Applying UML Business Pattern Solutions
- Modeling Business Rules
- Conceptual Domain Modeling
- Generating the BRD documents
- Inception QA Review
- Advanced EA Tips



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Requirements Analyst Role

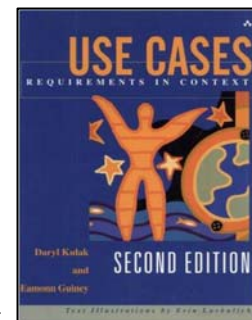
Enterprise Architect Role-based training Team Players

Workshop Benefits

Scott Ambler, Practice Leader at IBM once said “If a requirement was misunderstood, all modeling decisions based on that requirement are invalid, the code written is also in question, and the testing efforts are now verifying the application under the wrong conditions”. The UML Use Case technique, for communicating, analyzing and specifying requirements, is growing rapidly. This hands-on Workshop reveals how to reap the benefits and how to avoid the pitfalls when applying the Use Case Driven approach to documenting software requirements with agility plus rigor when you begin your next project. Find out why Gartner and Forrester recommend Enterprise Architect as a full life-cycle tool.

You Will Learn How To

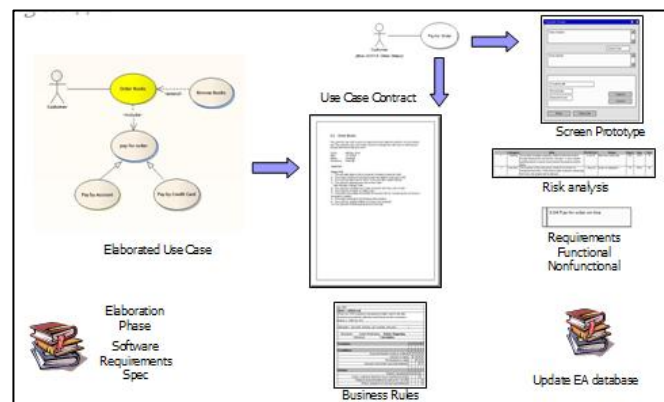
- Close the Gap between software requirements and acceptance testing using a skillful Use Cases Driven Approach
- Write structured Use Cases and practice Agile plus Rigor for highly testable requirements
- Manage changing Requirements using Change Control, Discussion Forum and Baselines.
- Capture and document re-usable business rules, data rules, functional and non-functional requirements
- Save time by generating highly re-usable documents from model to word, excel or the web
- Ensure Best Practices (BABOK, TOGAF, practice Unified Process/UML and avoid common tool failures)



Workshop Lesson Plans are based upon current best practice leaders

Requirements Analyst Lesson Plans

- Elaboration Phase (SRS)
- Why are Use Cases so important?
- For Customers, PM's, BA's, Analysts, Developers and Testers
- Modeling Water level Use cases (extend, include, generalize)
- Writing Structured Use Cases
- Success Scenario, Alternate, Exceptions
- Constraints - Pre, Post & Invariants
- Activity Diagram for complex Use Cases
- User Interface Requirements – Screen Prototypes
- Writing Data Requirements
- Writing Business Rules & Decision Tables
- Writing Functional or Supplementary Requirements
- Writing Non-Functional or Quality Requirements
- Estimating work with Use Case Metrics
- Manage Changing Requirements
- Change Control, Defects, Issues, Risk, Discussion Forum
- Generating documents, spreadsheet, websi



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Systems Analyst Role

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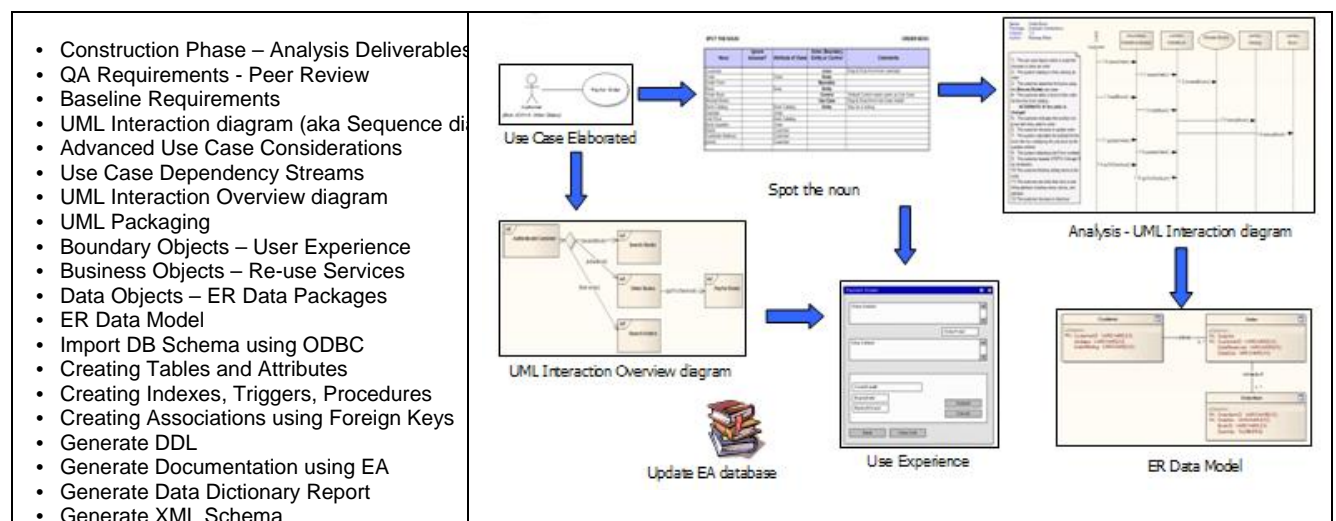
Workshop Benefits

In today's business environment, competitive advantage is achieved through the delivery of agile, responsive software deliverables that rapidly adapt to evolving technology and user expectations. Controlling and managing software depends on these critical elements: UML standards, robust architecture, best practice and effective tools. This Systems Analyst Hands-on workshop provides you with the knowledge and skills to contribute effectively to the design of robust, re-usable software systems, especially within Web-enabled environments. Find out why Gartner and Forrester recommend Enterprise Architect as a full life-cycle tool.

You Will Learn How To

- Exploit the rich object-oriented modeling provided by Enterprise Architect UML Modeling Tool
- Practice a development process that ensures robust object-oriented, database and Web-enabled systems
- Transform Use Case driven requirements to objects models leading to business object re-use
- Analyze and Organize the software architecture (Model, View, Controller)
- Design a robust data model for stored information using Use Case driven data modeling
- Ensure Best Practices (BABOK, TOGAF, practice Unified Process/UML and avoid common tool failures)

Systems Analyst Role Lesson Plans



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Design Architect Role

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Workshop Benefits

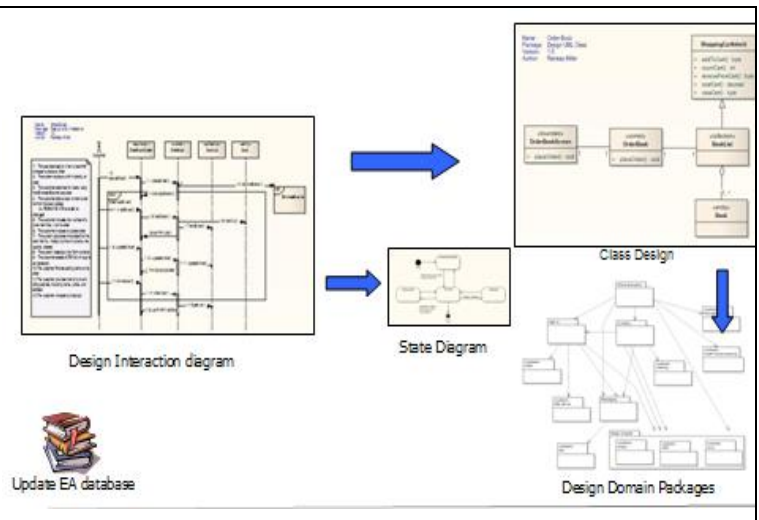
Service & Object-oriented (SOAD) analysis and design is an industry-proven method for developing reliable, modular, testable programs and systems. This Hands-on Workshop provides practical skills in the latest SOAD requirements gathering, analysis, design, and testing methods. Intensive hands-on exercises offer you a working knowledge that turns concepts into practice. Find out why Gartner and Forrester recommend Enterprise Architect as a full life-cycle tool.

You Will Learn How To

- Exploit the rich object-oriented modeling provided by Enterprise Architect Unified Modeling Tool
- Design complex requirements from use cases and transform them into detailed object designs
- Adapt to changing requirements with iterative techniques and component-based design
- Design solutions optimized for object-oriented languages and frameworks (J2EE & .NET)
- Apply proven GOF UML design patterns to refine the analysis and design models
- Understand Design issues in TOFAF, SOA, XML, BPEL and WSDL using UML models
- Create highly Re-usable Architectures Designs using an iterative and agile approach
- Understand code generation issues and trade-offs when using Model Driven Architecture in Enterprise Architect
- Ensure Best Practices (BABOK, TOGAF, practice Unified Process/UML and avoid common tool failures)

Design Architect Lesson Plans

- The Challenging Role of the Design Architect
- Design Considerations & Constraints
- Re-Use - XML, WSDL, BPMN & SOA
- Improving your Design - UML Design Patterns
- Architecture - Model Driven Architecture (MDA)
- Enterprise Architect (Build, Run, Debug & Deploy)
- Java Eclipse & Enterprise Architect
- Visual Studio & Enterprise Architect
- Designing Behavior
 - UML Interaction diagram
 - Designing Operations (Methods)
 - UML State diagram
- Designing Structure
 - UML Class diagram
 - Designing Inheritance
 - Designing Implementation packages
 - Designing – Interface Class
- Advanced EA Tips



Software Engineer Role

Enterprise Architect Role-based training Team Players

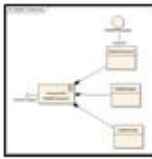
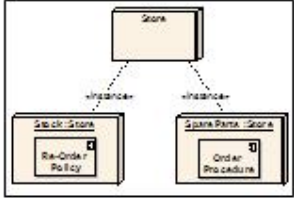

Workshop Benefits

Agile programming is a framework that reduces development time while increasing collaboration. This ensures a final product that has been scrutinized at every stage to maintain reliability. In this intensive Hands-on workshop, you gain a solid foundation in Agile programming principles. You acquire the practical knowledge and skills to plan, code and implement a successful and agile software project.

You Will Learn How To

- Practice a development process that ensures robust object-oriented, database and Web systems
- Transform Use Case driven requirements to objects models leading to business object re-use
- Deliver adaptable software iterations and releases based on Agile methodologies
- Minimize bugs and maximize productivity with Test-Driven Development and unit testing
- Re-factor existing code for easier maintenance and improved design
- Achieve quality design by adopting established coding principles
- Simplify complex coding problems with design patterns
- Ensure Best Practices (BABOK, TOGAF, practice Unified Process/UML and avoid common tool failures)

Software Engineer Lesson Plans

<ul style="list-style-type: none"> • Software Engineer Role Deliverables • The Implementation Model • The Implementation Workflow • Working with Software Components • Code Generation • Editing Source Code in EA • Building a Project in EA • Running a Project in EA • Unit Testing • Visual Studio MDG Integration with EA • Eclipse MDG Integration with EA • Advanced EA Tips 	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%; text-align: center;">  <p>Create Components and Dependencies</p> </div> <div style="width: 50%; text-align: center;">  <p>Deploy Components onto Nodes</p> </div> <div style="width: 50%; text-align: center;"> <pre>public class Component { public Component Order; public Component Currency; public Component Order; public Component Currency; public void Component(); public Component Component(); public Component Component(); }</pre> <p>Implement Classes with Source Code</p> </div> <div style="width: 50%; text-align: center;">  <p>Maintain the EA Models</p> <p>Design, Build, Debug, Compile and Unit Test</p> </div> </div>
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Deployment Engineer Role

Enterprise Architect Role-based training Team Players

Workshop Benefits

How to manage complex integration issues during mergers and acquisitions? Allow Enterprise Architecture modeling to develop integration and gap analysis strategies using TOGAF framework best practices. Expect the Unexpected with Integration. Don't underestimate the integration challenge. It is not realistic to assume data can be dumped into one existing system, flip a switch, and move forward with no problems.

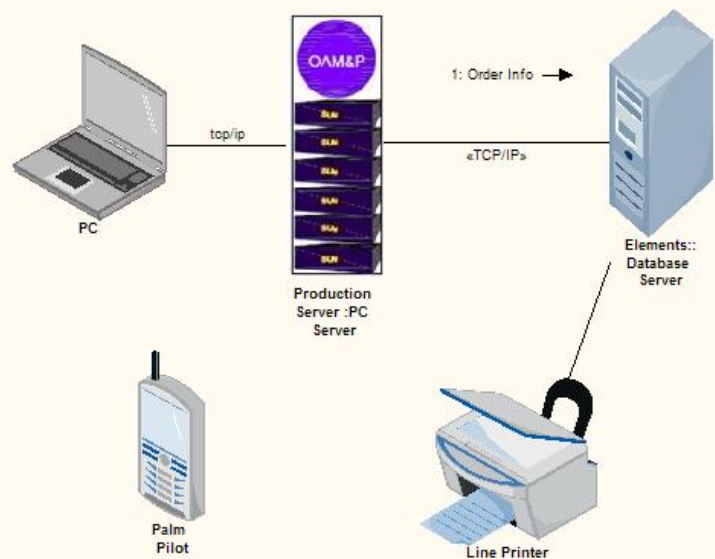
A roadmap or strategy to close gaps between disparate systems is important to prevent loss of data or inaccurate financials. Conduct a thorough assessment before making any changes. This also will provide an opportunity to combine the best applications and processes of each into a much better combined entity.

You Will Learn How To

- Exploit the rich object-oriented modeling provided by Enterprise Architect Unified Modeling Tool
- Design and Document Infrastructure solutions according to TOGAF Phase D - Technology Architecture
- Develop Baseline and Target Architectures
- Learn how to re-use Technology Building Blocks and Patterns
- Learn how to map Software Component Architecture to Technology Architectures
- Ensure Best Practices (BABOK, TOGAF, practice Unified Process/UML and avoid common tool failures)

Quality Assurance Analyst

- UML Deployment diagram
- Locations
- Networks
- Hardware
- Components
- COTS Modeling
- Network and Server Documentation
- SYSML



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Quality Assurance Analyst Role

Enterprise Architect Role-based training Team Players

Workshop Benefits

A 2002 study released by the United States Department of Commerce concluded that software bugs cost the U.S. economy nearly \$60 billion annually. More than a third of these costs, or \$22 billion, could be eliminated by improved software testing that identifies and removes software defects. In this Hands-on tool workshop, you apply software testing methods throughout the ADM, ensuring software behaves properly and is more easily maintainable-thereby saving your organization time, effort and money. . Find out why Gartner and Forrester recommend Enterprise Architect as a full life-cycle tool.

You Will Learn How To

- Deliver adaptable software iterations and releases based on the Unified Process
- Generate Use Case Driven Testing Plans using Enterprise Architect
- Minimize bugs and maximize productivity with Use Case, Test-Driven Development project management
- Adopt best practices to successfully manage Software projects with Enterprise Architect
- Manage software testing projects and generate real-time stats for testing, defect tracking, quality reporting, resource tracking and real time reporting
- Ensure Best Practices (IIBA, Unified Process, UML and avoid common tool failures)

Quality Assurance Analyst

<ul style="list-style-type: none"> • Using Enterprise Architect for model driven testing • The Different Types of Testing • Unit • Integration • System • Scenario • Acceptance • The Testing Process • Using EA to do Testing • Test Details Report • Test Documentation • Advanced EA Tips • 	<p>The screenshot shows a UML Use Case diagram with an actor 'Customer' connected to a use case 'Order Books'. Another use case 'register account' is also connected to 'Order Books'. Below the diagram is a 'Testing' window. The window has a table with columns 'Test' and 'Status'. The first row contains 'IF the Credit Card is Declined' and 'Not Run'. To the right of the table are fields for 'Test:', 'Status:', 'Type:', 'Run By:', 'Checked By:', and 'Last Run:'. Below these fields is a text area for the test description, containing a list of steps: 1) When the card check is declined, 2) Notify the customer of card decline, 3) Redisplay payment screen, 4) Ask for new credit card information, 5) The customer completes and presses ok. At the bottom of the window are navigation buttons for 'Unit', 'Integration', 'System', 'Acceptance', and 'Scenario'.</p>
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Project Manager Role

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Workshop Benefits

Software development projects are often complex, multi-faceted, and evolving through a constant state of change. Guiding these projects successfully requires solid team management and effective project controls. This Hands-on Workshop using Enterprise Architect provides the tools necessary to create more agile Project management plans and iterations, to build and manage a team using the Enterprise Architect model through every phase of the SDLC. Find out why Enterprise Architect is not your average UML modeling tool. Find out why Gartner and Forrester recommend Enterprise Architect as a full life-cycle tool.

You Will Learn How To

- Deliver adaptable software iterations and releases based on the Unified Process
- Generate Use Case Driven Project Plans and Cost Estimates from Enterprise Architect
- Adopt best practices to successfully manage more agile and iterative projects
- Manage software projects and generate real-time stats for work items, resource tracking and time reporting
- Develop skills and understand the trade-off as the Enterprise Architect Model Guardianship role
- Ensure Best Practices (IIBA, Practice Unified Process/UML, Agile, CMMI, avoid common tool failures)

Project Manager Lesson Plans

<ul style="list-style-type: none"> • Industry Best Practices • Inception Phase – Business Requirements • Business Value and Risk • Estimates & Resources • Elaboration Phase – Software Requirements • Project Planning (CMMI) • Schedule, Iterations and Resources • Use Case Metrics • Construction - What to build first? • Flow Statistics • Backlog of work items • Transition – What to deploy and when? • Quality Reports • Requirements Management (CMMI) • Project Discussion Forum • Manage Baselines • Configuration Management (CMMI) • Version Control • Project Monitoring and Control (CMMI) • Model Standards and Guardianship 	<p style="text-align: center;">Phases</p>
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