Introduction to RequisitePro

This class teaches how to capture and manage the changing requirements of a system using Rational's RequisitePro Tool. Hands-on exercises and activities are used to enhance the concepts presented in IconATG's "Defining & Managing Requirements with Use Cases" class. The student will gain a general understanding of how to use the RequisitePro tool to apply software development best practices for using requirement attributes and traceability to help manage project scope and assess the impact of the changing requirements of a project.

Objectives:

〈 Define and create a project within RequisitePro.

〈 Understand how to capture and document project related functional requirements within RequisitePro.

〈 Understand how to set up a documentation hierarchy and standards for defining the different levels of requirements for a product using RequisitePro.

〈 Understand the architecture of a simple requirements management system, linking documents to a central requirement repository, which maintains requirement attributes and traceability as presented in RequisitePro.

〈 Understand how to use requirement attributes and traceability links in RequisitePro to help manage scope and manage change throughout the life cycle of the product.

Audience:

Technical, Quality Assurance, and documentation managers, project leads, executives, application experts, business analysts, salespersons and analysts/designers who are involved in requirements capture, specification, use or management.

Prerequisites:

"Defining & Managing Requirements with Use Cases" training or hands-on project experience writing Use Cases is required.

Duration:

1 day

Outline:

1. **RequisitePro components and associations**

2. **Creating projects**
   - Considerations and decisions
   - Basic structure

3. **Documents**
   - Document Types
   - Standardization of Documents
   - Outlines/Templates
   - Using external documents in RequisitePro

4. **Requirements**
   - Requirement types
   - Attributes
   - Creating /deleting requirements
   - Importing requirements from external sources
   - Database-only requirements

5. **Security**
   - Setting security
   - Administering

6. **Requirements management**
   - Views
   - Sort and Filters
   - Queries
   - Exporting of views

7. **Traceability**
   - Establishing Traceability
   - Suspect Traceability
   - Viewing Traceability
   - Traceability Queries/Filters and Sorts

8. **RequisitePro integrations**
   - RequisitePro Rose Synchronization Wizard
   - PVCS
   - Visual SourceSafe
   - SQA

Why IconATG?

〈 Thirteen years of experience mentoring, consulting, and developing training programs for large IT organizations

〈 Full software lifecycle curriculum of cost-effective, tailored courses

〈 Seasoned instructors qualified through hands-on experience

〈 Experienced mentors and consultants with demonstrated project success

〈 Proven experience tailoring and extending the Unified Process and Agile/Scrum Processes

IconATG is a thought-leader in information technology training, mentoring and consulting. Our training staff has successfully developed cost-effective, customized IT training programs and we have taught thousands of students through our formal courseware and hands-on workshops. We offer introductory to advanced courses in focused disciplines of the full software lifecycle including the Unified Process (RUP), Agile, UML, requirements and use cases, usability, project management and architecture (SOA/MDA). Our instructors' real-world expertise is incorporated in each of our classes, giving your team the practical skills to be more productive when developing today's most demanding applications.

Our mentors and consultants have worked with project teams to apply new technologies and processes in their organizations to ensure project success. Full lifecycle experience allows IconATG consultants to deliver expert knowledge in specific disciplines while providing an understanding of the workflow throughout the lifecycle. Mentors and consultants actively work with the project team helping them develop skills and address problems through facilitation, demonstration, co-development, review, observation and advice. Mentoring solidifies knowledge gained through training by applying the concepts learned in class. Icon's extensive project experience has shown that teams better understand new processes and techniques by applying them with a seasoned mentor. IconATG is that critical resource; we can help ensure your success.