



Specialist skills roadmap for IBM Certified Solution Designer - Rational Software Architect

Role

This individual will design applications using RSA's tools that leverage model-driven development with UML. This individual designs and develops solutions in a RUP-driven software development process. In addition, this individual leverages the extensibility features of RSA including the use of patterns, profiles and transformations.

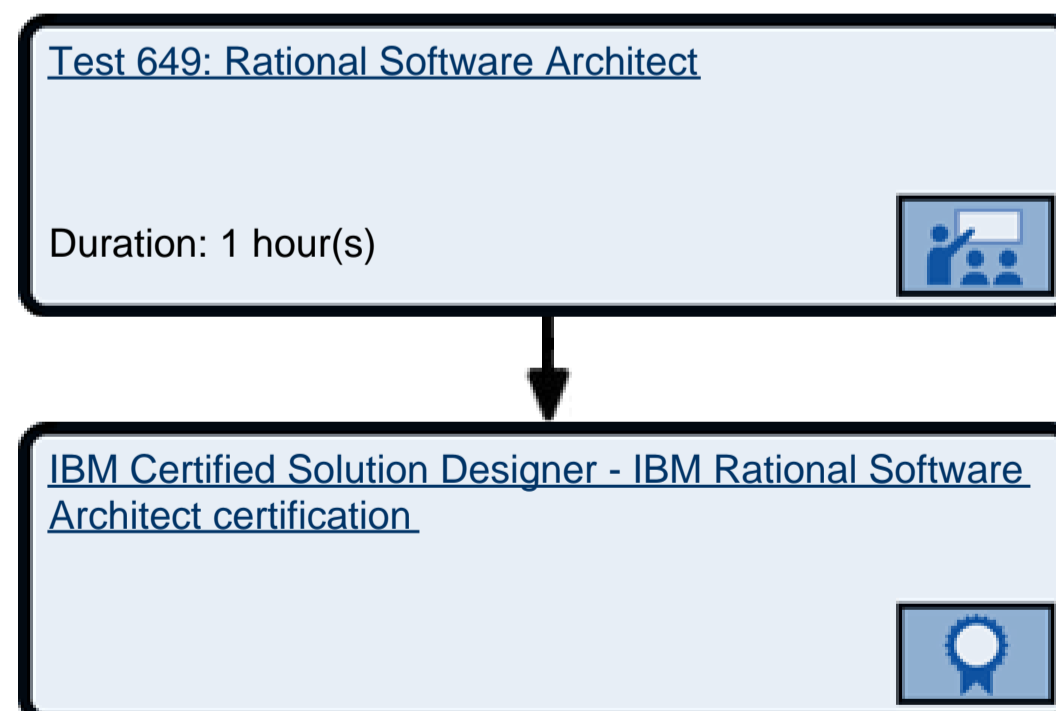
Assumptions

Required Prerequisite(s)

- PRJ110v3: Principles of IBM Rational Unified Process v7.0 [CBT] [WBT]
- DEV325: Essentials of Model Driven Architecture [CBT] [WBT]
- DEV343: Essentials of IBM Rational Software Architect: Getting Started [CBT] [WBT]
- DEV344: Essentials of IBM Rational Software Architect: Team Development [CBT] [WBT]
- DEV345: Essentials of IBM Rational Software Architect: Patterns and Transformations [CBT] [WBT]
- DEV346: Essentials of IBM Rational Software Architect: Model Analysis and Code Review [CBT] [WBT]
- DEV347: Essentials of IBM Rational Software Architect: Developing J2EE Components [CBT] [WBT]
- DEV348: Essentials of IBM Rational Software Architect: Introduction to SDO [CBT] [WBT]
- DEV349: Essentials of IBM Rational Software Architect: Presentation Layer Components [CBT] [WBT]
- DEV351: Essentials of IBM Rational Software Architect: Component Testing Features [CBT] [WBT]
- DEV352: Essentials of IBM Rational Software Architect: Performing Runtime Analysis [CBT] [WBT]
- DEV110v2: Principles of Modeling with UML 2.0 [CBT] [WBT]
- DEV111v2: Principles of Use Case Modeling with UML 2.0 [CBT] [WBT]
- DEV112v2: Principles of Analysis I with UML 2.0 [CBT] [WBT]
- DEV113v2: Principles of Analysis II with UML 2.0 [CBT] [WBT]
- DEV160v2: Principles of Modeling Behavior with UML 2.0 [CBT] [WBT]
- DEV496: Mastering IBM Rational® Software Architect

Recommended Prerequisite(s)

- Use views and editors from the Modeling perspective to navigate a model.
- Identify common best practices for architecting solutions and components.
- Analyze existing use-case, analysis, design, and deployment models and describe how they are organized.
- Create a design model from an analysis model.
- Incorporate existing code and reusable assets in the development of a new application.
- Model subsystems, subsystem interfaces, and dependencies.
- Create, or as appropriate, generate UML diagrams.
- Develop models in RSA as part of a development team.
- Apply reusable assets in the development process, including: Apply built-in patterns, Load new pattern assets, Use patterns, Perform model transformations
- DEV275 Essentials of Visual Modeling with UML 2.0
- DEV475 Mastering Object-Oriented Analysis and Design with UML 2.0
- DEV476 Mastering OOAD: UML 1.x to UML 2.0 Migration
- DEV396 Essentials of Rational Software Architect v2005.01



Legend	
	Audio
	CD-ROM
	Certification
	Classroom
	Instructor led online
	Prerequisite
	Publication
	Teleconference
	Web-based