



RM01 – INTRODUCTION TO CORTICON BUSINESS RULES MODELING STUDIO

Course Level: Basic Non-Technical

Course Format: Classroom learning – lecture, discussion, and individual or small group exercises

Duration: 1 day

Target Audience: Professionals involved in discovery, capture, formalization, modeling, testing, or maintenance of business rules. Those interested in obtaining a high-level understanding of Corticon Business Rules Management software will also find this class informative.

Track: Rule Modeling, Rule Deployment

Pre-requisites & Recommended Skills: None, but familiarity with other standard business applications, especially Microsoft's Excel, is helpful. Knowledge of basic business rule concepts is helpful, but not required.

Course Description: The Introduction to Corticon Studio course provides the user with an overview of the business rule lifecycle and the means to model and manage rules produced by it. This course is presented through a combination of lecture and a hands-on lab covering basic aspects of Corticon Studio, giving students direct experience with the software.

Course Objectives: By the end of the course, students will:

- Understand the Corticon Rule Management Lifecycle, including
 - How to use the business rule approach
 - How to use an iterative rule modeling methodology in Studio
- Become familiar with Corticon Studio, including
 - Purpose and structure of the Vocabulary to support business rule creation
 - How to use the Studio Rulesheet metaphor to model and organize business rules
 - How to use basic syntax from the Corticon Rule Language in rules
 - How to use Tests to build business-level scenarios that test the rules
- Use Studio to solve real business problems
 - Learn the methodology and approach to implementing a business decision in Studio
- Become familiar with additional sources of help, including the Corticon Business Rules Management technical library, Support Site, and Help Desk.



RM02 – USING CORTICON STUDIO – ADVANCED CONCEPTS

Course Level: Intermediate Non-Technical

Course Format: Classroom learning – lecture, discussion, and individual or small group exercises

Duration: 2 days

Target Audience: Professionals involved in discovery, capture, formalization, testing, or maintenance of business rules

Track: Rule Modeling

Pre-requisites & Recommended Skills: [RM01](#). Knowledge of basic business rule concepts and/or the business rules approach is helpful, but not required. Familiarity or experience with data or process modeling is also helpful, especially UML, ERM or E/R tools.

Course Description: The Advanced Concepts course provides the user with the foundation necessary to create complex Rule Sets. The course is presented through a combination of lecture and a hands-on lab in order to improve students' familiarity and comfort with Studio.

Course Objective: By the end of the course, students will be able to:

- Build and modify Vocabularies
- Recognize types and patterns of rules and model them in Studio using the Corticon Rule Language
- Understand and use different rule writing techniques
- Recognize and use logically equivalent rule expressions
- Understand and use Scope and Context in the construction of rules
- Understand nuances of Preconditional expressions and Filters
- Understand and use Collections and Collection operators to handle complex data
- Identify and correct common logical problems in Rule Sets using Studio's analysis tools
- Learn advanced capabilities of Studio's Tester facility for importing and exporting test cases.
- Complete an integrated scenario combining many of the topics covered in the class
- Locate additional sources of help, including the Corticon Business Rules Management technical library, Support Site, and Help Desk.



RD01 – DEPLOYING AND INTEGRATING RULE SETS AS WEB SERVICES

Course Level: Basic/Intermediate Technical

Course Format: Classroom learning – lecture, discussion, and individual or small group exercises

Duration: 1 day

Target Audience: Professionals involved in IT system development, architecture, or infrastructure who will be deploying or integrating Corticon Business Rules Server

Track: Rule Deployment

Pre-requisites & Recommended Skills: [RM01](#). Knowledge of XML, SOAP, and Web Services standards and technology. Also, Corticon Business Rules Modeling Studio must be installed in Integration & Deployment mode

Course Description: The Web Services class provides the necessary foundation to install, deploy, integrate, invoke, and troubleshoot the Corticon Business Rules Server as a Web Services server.

Course Objective: By the end of the course, students will be able to:

- Deploy the Corticon Business Rules Server as a Web Services server on a common web server
- Configure and Deploy Rule Sets created in Studio to the Server
- Use the Deployment Console to generate Web Services-standard service contracts for a Decision Service (WSDL and XSD files)
- Create instances of the service contracts for use as request messages to a Decision Service deployed to the Corticon Business Rules Server
- Send request messages to a specific Decision Service deployed Corticon Business Rules Server
- Receive and analyze response messages from the Corticon Business Rules Server
- Understand how to create and extract rule messages returned by the Server
- Configure Corticon Business Rules Server for high performance
- Troubleshoot Corticon Business Rules Server operation using the logs and exception messages it produces
- Locate additional sources of help, including the Corticon Business Rules Management technical library, Support Site, and Help Desk.



RD02 – DEPLOYING AND INTEGRATING RULE SETS AS JAVA SERVICES

Course Level: Advanced Technical

Course Format: Classroom learning – lecture, discussion, and individual or small group exercises

Duration: 1 day

Target Audience: Professionals involved in IT system development, architecture, or infrastructure who will be deploying or integrating Corticon Business Rules Server

Track: Rule Deployment

Course Description: The Java Integration class provides the necessary foundation to install, deploy, integrate, invoke, and troubleshoot the Corticon Business Rules Server as a Java server.

Pre-requisites & Recommended Skills: [RM01](#). Solid knowledge of Java, including the JavaBeans standard and Java web or applications servers. Students must have a Java IDE and a Java web or application server resident on their machines for this class. Java IDEs and web/app servers are not provided by Corticon. Also, Corticon Business Rules Modeling Studio must be installed in Integration & Deployment mode.

Course Objective: By the end of the course, students will be able to:

- Identify the most appropriate Java deployment option for their IT architecture
- Install the Corticon Business Rules Server on a Java web or application server
- Configure and Deploy Rule Sets created in Studio to the Server
- Utilize the full library of Corticon Server's Java APIs
- Load the Server with Decision Services using both Deployment Descriptor files (created in the Deployment Console) and direct API calls.
- Create Java payloads (objects) to send to the Server
- Understand how the Server translates and modifies these objects
- Understand how to create and extract rule messages returned by the Server
- Configure Corticon Business Rules Server for high performance
- Troubleshoot Corticon Business Rules Server operation using the logs and exception messages it produces
- Locate additional sources of help, including the Corticon Business Rules Management technical library, Support Site, and Help Desk.