



IBM Case Foundation 5.2.1

External Communication

F243 Course Abstract

Course description

This course is intended to teach the skills that are needed to integrate an external database stored procedure, a Java component, and an external web service.

Duration

4 hours

Delivery Method

Instructor-led (Classroom or online), SPVC (Self Paced Virtual course)

Audience

- Workflow Authors who are responsible for
 - Planning, designing, and implementing a workflow application with IBM Case Foundation

Prerequisites

- Terminology
 - Content Platform Engine
 - Process Services
 - Workflow
 - Workflow definition
- Concepts
 - Workflow
- Skills
 - Use Process Designer
 - Create workflow maps
 - Use Process Tracker

Course Objectives

Upon completion of this course, participants are able to:

- Use a DbExecute step in a workflow to integrate with an external database
- Identify Component Integrator concepts and components
- Integrate a CE_Operations component in a workflow
- Integrate a Java component in a workflow
- Invoke a Web Service in a workflow

Topics

External database integration

DbExecute system function

Example, Using DbExecute

DbExecute step parameters

- Parameter data types
- Prerequisite administrative task
- Considerations when using DbExecute

Component integrator architecture

- Purpose of component integration
- Component integrator
- Component Manager Frameworks
- Deciding on a Component Manager Framework
- Component behavior
- Types of components
- Content Extended Operations: CE_Operations
- Java adapter
- Java Message Service (JMS) adapter

Using components

- Prepare the system for component use
- Component step
- What is a queue operation?
- Operation parameters
- CE_Operations components?
- Use a component step in a workflow definition
- CE_Operations component
- CE_Operations – use case scenarios

Web services

- XML Web Service
- Web services example
- Web services in Process Designer
- Web services architecture
- Steps to invoke a web service
- Define an Invoke partner link
- Use Invoke step in a workflow map
- Example: Invoking a web service
- Other considerations when using Invoke

Appendix

- Start and Stop System Components
- Troubleshooting