

# IBM Case Foundation 5.2.1

Component integration F236

Course Abstract

For more info: <https://www-03.ibm.com/services/learning/ites.wss/zz-en?pageType=page&c=a0011023>

### Course description

This course trains:

* The skills that are needed to create, configure and maintain component queues.

### Duration

1/2 day

### Delivery Method

Instructor-led (Classroom), Instructor-led Online and SPVC (Self-Paced Virtual course)

### Audience

* A **workflow system administrator** responsible for creating, configuring and maintaining component queues in non-development environments.
* A **workflow author** responsible for creating, configuring and maintaining component queues in development environments.
* **Anyone** who needs to create, configure or maintain component queues.

### Prerequisites

Prior knowledge that is required:

* Basic knowledge of organization’s business process applications.
* Basic knowledge of database technology.
* PCs, networks, and their organization’s server operating systems at the expert level
* Prerequisite courses:
  + F115G IBM FileNet Content Manager 5.2: Implementation and Administration
  + F230G IBM Case Foundation 5.2.1: Introduction
  + F231G IBM Case Foundation 5.2.1: Configure the workflow system
  + F232G IBM Case Foundation 5.2.1: Workflow security
  + F233G IBM Case Foundation 5.2.1: Maintain the workflow system
  + F234G IBM Case Foundation 5.2.1: Manage work in progress

### Course Objectives

Upon completion of this course, participants are able to:

* Understand the purpose of component integration in workflow applications.
* Understand the architecture of the Component Manager Frameworks.
* Understand what component queues provide.
* Create and configure a Java component.
* Monitor and maintain component queues.

### Topics

**Component integration concepts**

* Purpose of component integration
* Component integrator
* Component Manager Frameworks
* Deciding on a Component Manager Framework
* Component behavior
* Types of components
* Java adapter
* JMS adapter

**Create and configure component queues**

* How to create and configure component queue
* Procedure: Create and configure a component queue
* Create a code module
* New Component Queue wizard
* Adapter properties
* JAAS credentials
* Configure the Java Message Service adapter
* What is a queue operation?
* Elements of an operation
* Operation parameters
* Import Java component queue operations
* Define JMS component queue operations
* Stopping and starting component queues
* Diagnosing Component Manager issues

### Appendix

Solutions to Exercises.

Start and Stop System Components. Troubleshooting