



IBM Case Foundation 5.2.1: Workflow Design Essentials

F239
Course Abstract

Course description

IBM Case Foundation is the workflow engine that drives IBM Case Manager processes. With IBM Case Foundation, you can also create and run advanced business process workflows that include parallel processing, component queues, automatic launching, conditional routing, and much more. You can then use these workflows as part of a P8 Platform applications, or incorporate them into your IBM Case Manager solutions. Learn the basic and essential skills for designing and building workflow definitions using IBM Case Foundation Process Designer.

Duration

1 day

Delivery Method

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

Audience

- Workflow authors are responsible for planning, designing, creating, testing workflow solutions in a development environment.

Prerequisites

- Familiarity with Windows 2008 operating systems. General knowledge of P8 Platform security concepts.
 - General workflow terminology:
 - Workflow
 - Workflow definitions
 - Queues
 - Rosters.
- Start a P8 Platform system.
- Familiarity with P8 Platform administration interfaces, including:
 - Administration Console for Content Platform Engine
 - IBM Content Navigator
 - Process Configuration Console
 - Process Designer

Course Objectives

Upon completion of this course, participants will be able to:

- **Create a workflow definition using Process Designer.**

- Use workflow properties and step parameters in a workflow definition.
- Build simple and complex expressions to calculate property values and direct work.
- Use a variety of step types to build a workflow definition.
- Use subscriptions to launch workflows automatically from an initiating attachment.

Topics

Create a workflow definition

Process Designer
The Process Designer Design mode interface
Workflow maps
Example workflow map
Add an activity step to a map
Draw a route
Step menu commands
Workflow definition file
Save a workflow definition
Workflow definitions in the object store

Configure workflow properties

Workflow properties
Workflow and database fields
Using data fields as step parameters
What are system fields?
Roster and event log properties
Guidelines for working with Process Designer

Explore workflow step types

Step palettes
Assemble a custom step palette
Step types and the BPM Palette
Overview of activity step properties
Activity type
System steps
Add a system step to a map
Example: Assign system step
Termination steps

Build expressions

Expressions
What is an expression?
Data types and arrays

Expression Builder

- Literals and operators in expressions

- Functions

- Data type conversion

- Expression examples

- Database fields (Exposed data fields)

- Exposed Data fields window

Assignment

- Assignment before and after a step

- Example: Assign F_Comment after step completion

- Limitation of the Assign system function

Launch workflows with subscriptions

- Methods of launching a workflow

- Attachments

- Initiating attachment

- Overview of a workflow subscription

- Create a workflow subscription

- Example subscribed events

- Property mapping in a workflow subscription

Appendix

- Start and Stop System Components

- Troubleshooting