

IBM Business Process Manager Coach Enhancement Using the BPM UI Toolkit

WB830 (Classroom)

ZB830 (Self-paced)

Course description

This course teaches you how to use the BPM UI toolkit for IBM Business Process Manager coach enhancements. It provides a detailed introduction to key concepts, capabilities, and controls.

The BPM UI toolkit enhances and streamlines the BPM UI creation process. It offers controls and familiar UI development patterns that help UI developers focus directly and efficiently on business problems.

For information about other related courses, see the IBM Training website:

http://www.ibm.com/training

General information

Delivery method

Classroom or self-paced virtual classroom (SPVC)

Course level

ERC 1.0

Product and version

IBM Business Process Manager Standard V8.5.7

Audience

This course is designed for project members who design and implement detailed logic, data models, and external system integrations for an executable business process. These roles include BPM process owners, analysts, authors, developers, administrators, and project managers.

Learning objectives

After completing this course, you should be able to:

* Describe basic Business Process Manager UI concepts and layout capabilities
* Use event handling and methods
* Use BPM UI toolkit reporting and analytics capabilities

Prerequisites

Before taking this course, you should have:

* Practical knowledge of the IBM Business Process Manager Web Process Designer
* Understanding of server and client-side human services
* Understanding of JavaScript
* Experience with modern programming techniques

Duration

1.5 days

Skill level

Intermediate

Notes

The following unit and exercise durations are estimates, and might not reflect every class experience. If the course is customized or abbreviated, the duration of unchanged units will probably increase.

This course is a new course.

Course agenda

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| Course introduction  Duration: 15 minutes |

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| Unit 1. Introduction to the BPM UI toolkit  Duration: 1 hour | |
| Overview | This unit provides an introduction to the BPM UI toolkit and describes the business and technical needs that it addresses. |
| Learning objectives | After completing this unit, you should be able to:   * Describe the BPM UI toolkit * Describe the business and technical needs that the BMPM UI toolkit addresses * Access the knowledge base and documentation |

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| Unit 2. Introduction to BPM UI toolkit layout controls  Duration: 1 hour | |
| Overview | This unit provides an introduction to BPM UI toolkit controls and configurations, methods, validation, and events and addressing. |
| Learning objectives | After completing this unit, you should be able to:   * Describe BPM UI toolkit controls and configurations * Describe horizontal and vertical layouts * Stack UI content * Describe validation |

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| Exercise 1. BPM UI layout capabilities  Duration: 2 hours | |
| Overview | This exercise provides an overview of the BPM UI layout capabilities. It shows you how to implement a few patterns and demonstrates how BPM UI controls are easier to use than the default responsive controls or other toolkits. |
| Learning objectives | After completing this exercise, you should be able to:   * Describe the login pattern * Create panels and collapsible panels (accordion pattern) * Create launchpad patterns and stacks |

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| Unit 3. Introduction to BPM UI controls and configurations  Duration: 1 hour | |
| Overview | This unit provides an overview of the BPM UI controls, including responsive sensor control and modal section control. It also describes the usage of formulas. |
| Learning objectives | After completing this unit, you should be able to:   * Describe responsive sensor control * Display modal content * Use formulas |

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| Exercise 2. Using BPM UI toolkit controls  Duration: 2 hours | |
| Overview | This exercise provides an overview of the BPM UI controls. It shows you how to implement a few patterns and demonstrates how BPM UI controls are easier to use than the default responsive controls or other toolkits. |
| Learning objectives | After completing this exercise, you should be able to:   * Use responsive sensor control * Use event handling and methods * Use formulas |

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| Unit 4. Reporting and analytics  Duration: 1 hour | |
| Overview | This unit describes the reporting and analytics capabilities of the BPM UI toolkit. You learn how to visualize data in charts, render tabular data, and provide analytics for BPM and business data. You also learn how to use chart controls and the service data table control of BPM UI toolkit to display summary data and provide details about some aspects of a chart in tabular form. |
| Learning objectives | After completing this unit, you should be able to:   * Understand the table and service data table controls * Master reporting and analytics * Connect a chart to its data source * Create a chart from a service * Create a chart with modal section for tabular data (using service data table) |

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| Exercise 3. Introduction to charts and service data tables  Duration: 2 hours | |
| Overview | This exercise covers the reporting and analytics capabilities of the BPM UI toolkit. You learn how to visualize data in charts, render tabular data, and provide analytics for BPM and business data. You also learn how to use chart controls and the service data table control of BPM UI toolkit to display summary data and provide details about some aspects of a chart in tabular form. |
| Learning objectives | After completing this exercise, you should be able to:   * Create a default bar chart with appearance configuration (chart from config) * Create a chart from bound data (variable) * Create a chart from service * Refresh chart data based on single select * Create a chart with a modal section for tabular data (using service data table) * Populate service data table from service * Modify a solution so that the table displays rows only for the selected region |

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| Unit 5. Course summary  Duration: 30 minutes | |
| Overview | This unit summarizes the course and provides information for future study. |
| Learning objectives | After completing this unit, you should be able to:   * Explain how the course met its learning objectives * Access the IBM Training website * Identify other IBM Training courses that are related to this topic * Locate appropriate resources for further study |

For more information

To learn more about this course and other related offerings, and to schedule training, see **ibm.com**/training

To learn more about validating your technical skills with IBM certification, see **ibm.com**/certify

To stay informed about IBM training, see the following sites:

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YouTube: youtube.com/IBMTraining

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