

IBM Business Process Manager and Watson Cognitive Processes using Bluemix

WB831 (Classroom)

ZB831 (Self-paced)

Course description

This course teaches you how to create cognitive business processes. IBM Watson has over 15 cognitive services that you can use to enhance your business processes through language, speech, vision, and data insights, with more services planned for the future. By connecting to the Watson APIs on IBM Bluemix, you can improve your business processes and eliminate common difficulties by adding cognitive solutions to your process.

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 v8.5.7

Audience

This course is designed for IBM Business Process Manager application developers.

Learning objectives

After completing this course, you should be able to:

* Create an integration to IBM Watson services
* Implement cognitive services inside a BPM process

Prerequisites

* An active account on IBM Bluemix (a 30-day free trial is available)
* Basic developer skills

Duration

0.5 day

Skill level

Intermediate

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| Classroom (ILT) setup requirements | |
| Processor | Intel Core i7-3630QM processor |
| GB RAM | 12 |
| GB free disk space | 120 |
| Network requirements | LAN / Internet / DHCP |
| Other requirements | None |

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. Cognitive processes, the future of BPM  Duration: 1 hour and 30 minutes | |
| Overview | This unit describes the steps that you must take to create cognitive services as part of a process. Using IBM Business Process Manager, you set up the WebSphere security requirements to integrate with Watson on IBM Bluemix. After configuring IBM Business Process Manager, you build the integration services that use the Watson services. |
| Learning objectives | After completing this unit, you should be able to:   * Create an integration with Bluemix * Create cognitive services in a process |

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| Exercise 1. Building a Watson language translator cognitive service in IBM Business Process Manager  Duration: 1 hour and 30 minutes | |
| Overview | This exercise covers the setup and creation of a service inside IBM Business Process Manager. The service translates a document into multiple languages by using the Watson language translator service. |
| Learning objectives | After completing this exercise, you should be able to:   * Configure WebSphere to call Watson Cognitive Services in IBM Bluemix from IBM Business Process Manager * Create a Watson language translator service * Create an external service in IBM Business Process Manager * Create a human service that translates a document |

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| Unit 2. 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 * Identify other IBM Training courses that are related to this topic * Access the IBM Training website * 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

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