



Enterprise Computing Solutions - Education Services

OFERTA FORMATIVA

Detalles de contacto

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Developing REST APIs with Node.js for IBM Bluemix

CÓDIGO:	DURACIÓN:	Precio:
WD102G	16 Hours (2 días)	€1,100.00

Description

This course teaches developers how to create, test, and deploy APIs with Node.js for the IBM Bluemix cloud application platform. The Node.js runtime environment is a highly scalable server-side application platform. In this course, you learn how to develop REST APIs with Express, a popular web application framework for Node. You design callback functions to handle asynchronous network events. You also install and manage Node features with npm, the packaging manager for Node modules. You build, test, and deploy the lab exercises in an Ubuntu Linux workstation, and on your own IBM Bluemix account. For information about other related courses, see the IBM Training website: <http://www.ibm.com/training>

Objetivos

After completing this course, you should be able to:

- Verify the installation of the Node.js runtime environment
- Install Node packages with npm
- Develop REST API operations with Express
- Develop callback functions to handle asynchronous events
- Perform static code analysis of an application with ESLint
- Run Mocha and Supertest unit tests on Node applications
- Debug Node applications with the Google Chrome browser with Node inspector
- Package Node applications
- Deploy Node applications to IBM Bluemix with the Cloud Foundry command-line utility (CF cli)
- Test Node applications on IBM Bluemix

Público

This course is designed for API developers who want to build REST APIs with the Node.js server runtime environment.

Requisitos Previos

- Working knowledge of JavaScript programming
- Familiarity with web application architecture and REST API concepts
- Familiarity with the Linux operating system

Programa

Course introduction
Introduction to Node.js
Exercise: Verifying Node.js installation and developing a Node application
Developing a REST API in Node
Exercise: Developing a REST API with Node.js
Static code analysis and unit testing
Exercise: Static code analysis and unit testing
Debugging and building Node applications
Exercise: Debugging and building Node applications
Deploying and testing Node applications on IBM Bluemix
Exercise: Deploying a REST API on IBM Bluemix
Course summary

Más información

Prior to enrolling, IBM Employees must follow their Division/Department processes to obtain approval to attend this public training class. Failure to follow Division/Department approval processes may result in the IBM Employee being personally responsible for the class charges.

GBS practitioners that use the EViTA system for requesting external training should use that same process for this course. Go to the EViTA site to start this process:

<http://w3.ibm.com/services/gbs/evita/BCSVTEnr1.nsf>

Once you enroll in a GTP class, you will receive a confirmation letter that should show:

- The current GTP list price
- The 20% discounted price available to IBMers. This is the price you will be invoiced for the class.

Fechas Programadas

A petición. Gracias por contactarnos.

Información Adicional

[Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.](#)