

# USING OPEN SOURCE TOOLS ON IBM I

Course Code: 900156

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Class activities include showing how to download and manage open source packages using Access Client Solutions, and how to use Python, node.js, and PHP to access data in different ways on the IBM i.

## What You'll Learn

After completing this course, learners should be able to:

- Understand how to install and manage open source packages on IBM i
- Learn what open source packages are available on IBM i
- Comprehend how to use open source languages to interface with procedural programs and procedures on IBM i
- Comprehend how to use open source languages and SQL to access data on the IBM i

## Who Needs to Attend

This course is destined to:

- IBM i System Administrators
- IBM i Programmers
- API/Cloud enablers

## Prerequisites

- Knowledge of one development language as of Python, node.js or PHP
- Understanding of IBM i concepts

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VIRTUAL CLASSROOM LIVE

\$2,685 USD

3 Day

## Virtual Classroom Live Outline

- Unit 1: Introduction to open source packages on IBM I
- Unit 2: IBM I and the PASE environment
- Exercise 2: Working in the PASE environment
- Unit 3: Install and manage open source packages
- Exercise 3: Using the open source package manager
- Unit 4: XMLservice and iToolkit
- Exercise 4: Access programs and procedures using python, node.js or PHP
- Unit 5: Using SQL to access IBM i
- Exercise 5: Access data using python, node.js or PHP
- Unit 6: Message queues
- Exercise 6: Using data queues with python, node.js or PHP
- Unit 7: REST on IBM i
- Exercise 7: Using REST with python, node.js or PHP
- Unit 8: Apache Camel on IBM i
- Exercise 8: Using Apache Camel

## Virtual Classroom Live Labs

- Labs are provided by Exit Certified on behalf of IBM

Visit us at [www.globalknowledge.com](http://www.globalknowledge.com) or call us at 1-866-716-6688.

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