

## Using Open Source tools on IBM i

**Duration: 3 Days**    **Course Code: AS40G**    **Delivery Method: Virtual Learning**

### Overview:

This course is designed to teach the installation and administration of open source packages on IBM i as well as teach how to use some of the open source packages that can be downloaded. 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.

#### Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

### Target Audience:

IBM i System Administrators IBM i Programmers API/Cloud enablers

### Objectives:

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

### Prerequisites:

- Knowledge of one of python, node.js or PHP
- Understanding of IBM i concepts

### Content:

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| <ul style="list-style-type: none"> <li>■ Unit 1: Introduction to open source packages on IBM i</li> <li>■ Unit 2: IBM i and the PASE environment</li> <li>■ Exercise 2: Working in the PASE environment</li> <li>■ Unit 3: Install and manage open source packages</li> <li>■ Exercise 3: Using the open source package manager</li> </ul> | <ul style="list-style-type: none"> <li>■ Unit 4: XMLservice and iToolkit</li> <li>■ Exercise 4: Access programs and procedures using python, node.js or PHP</li> <li>■ Unit 5: Using SQL to access IBM i</li> <li>■ Exercise 5: Access data using python, node.js or PHP</li> <li>■ Unit 6: Message queues</li> </ul> | <ul style="list-style-type: none"> <li>■ Exercise 6: Using data queues with python, node.js or PHP</li> <li>■ Unit 7: REST on IBM i</li> <li>■ Exercise 7: Using REST with python, node.js or PHP</li> <li>■ Unit 8: Apache Camel on IBM i</li> <li>■ Exercise 8: Using Apache Camel</li> </ul> |
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### Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

[info@globalknowledge.co.uk](mailto:info@globalknowledge.co.uk)

[www.globalknowledge.com/en-gb/](http://www.globalknowledge.com/en-gb/)

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK