

Title

Basic OpenEdge Developer Learning Path

Duration

Equivalent to 73 hours of learning

Audience

Basic OpenEdge 12 Developers

Description

The Basic OpenEdge 12 Developer Learning Path includes eight self-paced courses and five assessment exams. This content will help you begin or grow your OpenEdge Developer skills.

This learning path includes the following courses and assessment exams:

- Introduction to Progress OpenEdge (12)
- Introduction to Progress OpenEdge Database (12)
- Introduction to Progress OpenEdge Application Architecture (12)
- Introduction to Progress Application Server for OpenEdge for Developers (12)
 - Introduction to Progress Application Server for OpenEdge for Developers (12): Assessment Exam
- Introduction to Progress Developer Studio for OpenEdge (12)
 - Introduction to Progress Developer Studio for OpenEdge (12): Assessment Exam
- Introduction to Object-oriented Programming (12)
 - Introduction to Object-oriented Programming (12): Assessment Exam
- Using ProDataSets (12)
 - Using ProDataSets (12): Assessment Exam
- ABL Essentials (12)
 - ABL Essentials (12): Assessment Exam

An official certificate will be automatically made available to you upon completion of each component in the learning path.

Version compatibility

This Basic OpenEdge Developer Learning Path is compatible with OpenEdge 12.2.

What you will learn

In this learning path, new developers are introduced to Progress OpenEdge and its core concepts and tools, including the Progress OpenEdge Developer Studio, the Progress Application Server for OpenEdge, the Progress OpenEdge database, and the Progress OpenEdge Application Architecture. You also learn about the Progress Advanced Business Language (ABL), Progress Software's proprietary language designed for developing business applications. It is a high-level language that supports procedural, dynamic, and object-oriented programming. You learn how to develop an OpenEdge application using Progress Developer Studio for OpenEdge. You also learn how to incrementally develop an application that utilizes OERA design principles and how to write code using recognized best practices.

You learn to identify when and where to use datasets and then practice incorporating datasets into applications during hands-on exercises using Progress Developer Studio for OpenEdge. You learn how to define, populate, and perform data operations using datasets and then share data with other applications. You also learn how to use the object-oriented capabilities of Progress OpenEdge ABL. You are introduced to key features of Progress' object-oriented ABL, how to develop and test classes, and how to further develop an application by applying object-oriented programming features such as inheritance, interface classes, singletons, dynamic instances, and events.

You can practice the concepts taught in each course with hands-on exercises, complete with step-by-step guidance and solutions. You can assess your knowledge with in-course Check Your Understanding questions. You can also demonstrate your skills with assessment exams for key courses.

Prerequisites

Before you begin the learning path, you should meet the following prerequisites:

- Basic knowledge of what an application is as well as the concepts of client and server parts of an application
 - Experience with a high-level programming language
 - Experience with managing services and programs in a Windows environment
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