Title

Basic OpenEdge Developer BUNDLE: (Learning Path and Certification Exam)

Duration

Equivalent to 73 hours of learning and up to 2 hours and 30 minutes of exam time

Audience

Basic OpenEdge 12 Developers

Description

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

The 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

This bundle also includes an instance of the Basic OpenEdge Developer Certification Exam.

Version compatibility

The Basic OpenEdge Developer learning path and certification exam are 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.

Once you have mastered the competencies required of a Basic OpenEdge Developer, you can earn your Basic OpenEdge 12 Developer certification by passing the Basic OpenEdge Developer certification exam. The exam consists of 60 questions. The exam is graded automatically with 75% being the passing grade. Once you start the exam, you will have 2 hours and 30 minutes to complete it. Once started, the exam cannot be paused and continued at a later stage.

If you do not pass the exam, you can retake the exam again after a two-week waiting period. You can attempt the exam five times in a 12-month period.

The certification is valid for two years, after which a re-certification is required. An official certificate and a "Basic OpenEdge Developer" logo acknowledging your expertise will be automatically made available for you upon successfully passing the certification.

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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