

Course title

Developing a Progress OpenEdge ABL Application

Course duration

Equivalent to 32 hours of instructor-led training

Audience

This course is for people who will develop or integrate ABL applications with their enterprise applications.

Description

Advanced Business Language (ABL) is Progress Software Corporation's proprietary language designed for developing business applications. It is a high-level language that supports procedural, dynamic, and object-oriented programming. In this course you will learn how to develop an OpenEdge application using Progress Developer Studio for OpenEdge. You will learn how to incrementally develop an application that utilizes OERA design principles and how to write code using recognized best practices.

The material that you receive with this course includes a Course Guide, which includes hands-on lab exercises and step-by-step solutions, and a CD with example code and lab files with solutions.

This course is also available online with a subscription to the [Progress Education Community](#).

Version compatibility

This course is compatible with Progress OpenEdge 11.6 or later.

Role-based learning path

This course is a part of the following role-based learning path:

- OpenEdge Developer
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What you will learn

After taking this class, you should be able to:

- Prepare your environment for developing a Progress OpenEdge application.
 - Develop basic ABL code using traditional procedural programming.
 - Develop object-oriented ABL code using classes.
 - Develop the business logic of your ABL application to include business entities.
 - Enhance your ABL application to access business entities running in an application server from the ABL client.
 - Write application code to work with various ABL data types.
 - Write application code to control execution logic.
 - Write application code to use ProDataSets.
 - Write application code to handle errors in your application.
 - Write application code to access an OpenEdge Database.
 - Deploy and Test an OpenEdge ABL application using the Pacific Application Server for OpenEdge.
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Prerequisites

Students should already be able to:

- Describe the process architecture of an OpenEdge application
 - Describe OERA
 - Create workspaces and projects in Progress Developer Studio for OpenEdge
 - Develop applications in a high-level programming language
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