

Course title

Introduction to Object-oriented Programming

Duration

Equivalent to 8 hours of learning

Audience

This course is for experienced Progress OpenEdge Advanced Business Language (ABL) developers who want to learn how to use the object-oriented capabilities of ABL.

Description

In this course, you learn how to use the object-oriented capabilities of Progress OpenEdge ABL. This course introduces object-oriented ABL concepts and the syntax that supports the concepts. The hands-on exercises reinforce concepts such as encapsulation, inheritance, interface classes, dynamic instances, and events.

The materials that you receive with this course include a Course Guide and Exercise Guide, which includes hands-on exercises and solutions.

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

Version compatibility

This course is compatible with OpenEdge 12.2.

What you will learn

After taking this course, you should be able to:

- Describe the key features of object-oriented ABL programming.
- Define the parts of an ABL class, including:
 - Data members
 - Constructors
 - Methods
 - Destructors
- Access data members and call methods within a class
- Work with other classes, including:
 - Create instances
 - Access data members and methods
 - Delete instances
 - Test a class
- Use an inheritance hierarchy.
- Use additional access-modes, types and members, including:
 - Use package-level access modes

- Use enums
 - Use interface classes
 - Use static members and constructors
 - Use class events
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Prerequisites

You should already be able to:

- Develop and test ABL procedural code.
 - Perform basic tasks in Progress Developer Studio for OpenEdge:
 - Define a workspace.
 - Create a project.
 - Use Project Explorer to navigate within the workspace.
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