Course title

Build a Modern RESTful Application in OpenEdge

Duration

Equivalent to 2 days of learning.

Audience

OpenEdge ABL Application Developer

Description

In the *Build a Modern RESTful Application in OpenEdge* course, you learn how to expose an OpenEdge ABL application as a RESTful service and the different methods do to the same. You understand the architecture

of OpenEdge and PAS for OpenEdge applications. The OpenEdge application architecture is the recommended way to design a Progress OpenEdge application. You also learn how REST works in OpenEdge and how to secure your RESTful service.

The materials that you receive with this course include a Course Guide, an Exercise Guide, and downloadable exercise 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 12.2.

What you will learn

After taking this course, you should be able to:

- Describe the architecture of an ABL application in PAS for OpenEdge.
- Describe how a RESTful service works.
- Describe how to expose an ABL application as a RESTful service using the WEB transport.
- Describe how to design a RESTful service using an API-first approach.
- Create a business entity.
- Create a Progress data object service that uses the WEB transport.
- Create a custom web handler.
- Create a data object handler.
- Use OERealm to authenticate a RESTful service.
- Describe client-principal token.
- Enable authentication on an ABL application.

Prerequisites

Users should meet the following prerequisites:

- Have knowledge of Progress Developer Studio for OpenEdge
- Have knowledge of Progress Application Server for OpenEdge
- Have knowledge of Progress OpenEdge ABL programming
- Have knowledge of Progress OpenEdge databases