

Course title

Building a Progress OpenEdge Multi-Tenant Application

Course duration

Equivalent to 24 hours of instructor-led training

Audience

This course is for application developers who want to make their applications multi-tenant.

Description

Starting with Progress OpenEdge 11, Progress Software Corporation provides built-in multi-tenancy, making it easier and faster for you to develop and deploy multi-tenant databases and applications. OpenEdge 11 implements and manages multi-tenancy at the database level, not at the application level. As a result, multi-tenancy is transparent to the application. A business application that was used previously by just one set of users (that is, one tenant) can be made to work, without extensive application code changes, as a multi-tenant application. Then, all tenants can use the same application instance to access their own data.

This course teaches the key tasks to build an OpenEdge 11 multi-tenant application. First, you will learn how to prepare for a multi-tenant application environment and enable a database for multi-tenancy. Next, you will learn how to create tenants, domains, users, tenant groups, and sequences, and load definitions and data. Then, you will learn about OpenEdge identity management and how to add identity management and super-tenant functionality to an application. Finally, you will learn how to use the Progress ABL API to create tenants, domains, users, and groups.

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 OpenEdge 11.3.

Role-based learning path

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

- OpenEdge 11 Developer
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What you will learn

After taking this class, you should be able to:

- Describe OpenEdge 11 multi-tenancy.
 - Enable OpenEdge 11 multi-tenancy for a database.
 - Describe OpenEdge identity management.
 - Create tenants, domains, and users.
 - Load definitions and data.
 - Add identity management functionality to an application.
 - Create tenant groups.
 - Create sequences.
 - Add super tenant functionality to an application.
 - Use the ABL API to create tenants, domains, users, and groups.
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Prerequisites

Students should already be able to:

- Program in Progress ABL.
 - Administer Progress OpenEdge databases.
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