

Course title

Developing Business Applications using Progress Rollbase

Course duration

Equivalent to 2 days of instructor-led training

Audience

This course is for application developers who are responsible for developing applications using Progress Rollbase.

Description

This course teaches you how to add code to enhance a Progress Rollbase application. In this course, you learn how to use tokens to update the Record Name template of an object, define formulas, create document templates, and add custom validation to a field.

The course also teaches you how to use Rollbase server-side and client-side APIs to add new functionalities to a Rollbase application.

The course covers how to integrate a Rollbase application with external systems. You learn how to use external tables and REST service calls to enable a Rollbase application to access external systems.

You also learn how to secure a Rollbase application by configuring role-based, record-based, and Location, Department, and Function (LDF)-based permissions.

Finally, the course teaches you how to access a Rollbase application from external systems using REST and SOAP.

The materials that you receive with this course include an Exercise Guide and a CD with PowerPoint presentations, example code, and exercise files with solutions.

Version compatibility

This course is compatible with Progress Rollbase 3.0.

Role-based learning path

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

- Rollbase Developer
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What you will learn

After taking this course, you should be able to:

- Use tokens to:
 - Update the Record Name of an object.
 - Create a document template.
 - Define a formula.
 - Add custom validations to a field.
 - Write JavaScript code using the server-side APIs and use the code in a Rollbase application.
 - Write JavaScript code using the client-side APIs and use the code in a Rollbase application.
 - Access external an database from Rollbase
 - Access external applications using REST
 - Access external OpenEdge database from Rollbase
 - Access services of an external OpenEdge application.
 - Access external OpenEdge systems from a Rollbase application.
 - Secure a Rollbase application by configuring:
 - Role-based permissions
 - Record-based permissions
 - LDF-based permissions
 - Access a Rollbase application from external system using REST and SOAP
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Prerequisites

Students should meet the following prerequisites:

- Develop a basic Rollbase application
 - Know how to write JavaScript programs
 - Knowledge of REST and SOAP
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