

Training

DEVELOPING WEB AND MOBILE APPS USING KENDO UI® AND PROGRESS® OPENEDGE®

Duration 3 days

Audience OpenEdge Developers

Description Hands-on Training: Building beautiful Telerik web and mobile user interfaces on top of OpenEdge business logic (ABL).

The basics of Front End Development

- What is HTML5?
- What is JavaScript?
- What is jQuery?
- CSS and CSS selectors
- Setting up an index.html page with the necessary references to jQuery
- Building some simple examples showcasing jQuery as selectors and how jQuery extends and enhances JavaScript

Introduction to Kendo UI: [hands on](#)

- Understanding the object model used by Kendo UI
- Adding widgets into our project
- Using built-in themes and Kendo UI Theme Builder
- Understanding properties and events
- How to browse the Kendo UI API reference
- Building basic examples with Kendo UI widgets

Service enabling your existing code: [hands on](#)

- Set up a Pacific Appserver for OpenEdge (PAS OE)
- Business Entity
- JSDO
- Create a subclass
- Generate REST services
- Publish on PAS OE
- Test your service

Binding Kendo UI widgets to data: [hands on](#)

- Understanding Kendo UI DataSource
- JSON format
- Binding data to Kendo UI Grid
- Building an application with other widgets
- Using the datasource
- Understanding responsive and adaptive design

Kendo UI Mobile and Telerik

- AppBuilder: [hands on](#)
- What is a Hybrid application?
- Native vs Hybrid applications
- Kendo UI Mobile Framework
- Building a first mobile application
- Using the mobile widgets
- Using regular widgets in mobile apps
- Deploying a mobile application to a real device

Kendo UI ScreenBuilder (beta)

- Preview
- Migrating from OpenEdge Mobile to Screenbuilder
- Kendo UI and UI for ASP.NET

MVC: [hands on](#)

- Using Kendo UI MVC helpers
- Building basic examples with Kendo UI MVC helpers
- Pros and Cons

Extending the OpenEdge business logic: [hands on](#)

- CRUD actions
- Optimistic locking pattern

Advanced Data operations with Kendo UI

Datasource framework: [hands on](#)

- Connecting with the server
- Sorting and paging (client vs server)
- Data virtualization
- CRUD and batch operations
- Building samples with Kendo UI widgets

The Kendo UI MVVM framework: [hands on](#)

- Building basic examples
- Single Page Applications (SPA)

Kendo UI Templates: [hands on](#)

- Overview and usage
- Performance
- Internal vs. external templates
- Building samples using Templates

Extending Kendo UI widgets: [hands on](#)

- Inheritance with Kendo UI
- Create your own Kendo UI widgets
- Extending base widget
- Handling events
- Making the widget MVVM aware

Q&A Session

Objectives

- Expose OpenEdge business logic as a rest service
- Build a web interface with Kendo UI
- Build a hybrid mobile app with Telerik AppBuilder

Price

- Euro 660 pp per day
- GBP 575 pp per day

Prerequisites

None

For registration, contact Christel Philipsen at cphilips@progress.com

More information: education@progress.com or visit our website progress.com/services/education

