

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

OBJECTIVES

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

DURATION

Three days

AUDIENCE

OpenEdge Developers

PREREQUISITES

None

TRAINING DATES

Duffel: 28-30 April, 2015

Rotterdam: 20-22 May, 2015

Koln: 1-3 July, 2015

PRICE

660 Euro pp per day

INCENTIVE

Book training before 15 May to get 10% discount

REGISTRATION

Christel Philipsen

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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

PROGRESS SOFTWARE

Progress Corporation [NASDAQ: PRGS] is a global software company that simplifies the development, deployment and management of business applications on-premise or in the cloud, on any platform or device, to any data source, with enhanced performance, minimal IT complexity and low total cost of ownership.

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