Introduction to Kendo UI

Keith Burnell

@keburnell

pluralsight
hardcore developer training

Agenda

- **What is it?**
- **Browser and platform support**
- **Licensing**
- **Download and install**
- **Add it to your web application**

What is Kendo UI?

- **Framework for building modern interactive web applications**
- **Collection of script files and resources (styles, images, etc.)**
- **Leverages**
  - JavaScript
  - HTML5
  - CSS3
  - jQuery

What Does Kendo UI Provide?

- **Rich UI Widgets**
  - HTML5 controls based on jQuery Core
  - 3 categories of UI Widgets
    - Web
    - DataViz
    - Mobile
- **Client-side DataSource**
  - Abstraction for working will all types of data on the client side
- **MVVM Framework**
  - Provides declarative binding and two-way data synchronization in your web application
- **Templating**
- **Animation and Drag & Drop**
- **Validation Framework**

Why?

- **Kendo UI provides all the tooling you need in one package**
- **Built from the ground up to deliver performance**
- **Support**

Browser Support

- 7.0 +

- 10.0 +

- All versions

- 10.0 +

- 4.0 +

Platform Support

- XP/Vista/7/Server 03, 08 R1, R2 (32,64-bit editions)

- OS X +

- 2.0 +

- 3.0 +

- 6.0 +

- 2.2 +

Licensing

- **30-Day Free Trial**
- **GPL v3.0**
- **Commercial License**
- **More Details: http://bit.ly/uS32lr**

Download and Install

- Download: http://www.kendoui.com
- Unzip it

Explore the Examples

- …/examples
- Html interface
- Full source code
- Widgets and framework components

Add it to Your Web Page

- Copy "js"
- Copy "styles"
- Register the scripts and CSS

```html
<!-- Kendo UI: Web (includes MVVM, Validation, and other Framework pieces) -->
<link href="content/kendo.common.min.css" rel="stylesheet" type="text/css" />
<link href="content/kendo.default.min.css" rel="stylesheet" type="text/css" />
<script src="scripts/jquery.min.js" type="text/javascript"></script>
<script src="scripts/kendo.web.min.js" type="text/javascript"></script>
```

Add it to Your Web Page

- **Copy "js"**
- **Copy "styles"**
- **Register the scripts and CSS**

```html
<!-- Kendo UI: DataViz -->
<link href="content/kendo.dataviz.min.css" rel="stylesheet" type="text/css" />
<script src="scripts/jquery.min.js" type="text/javascript"></script>
<script src="scripts/kendo.dataviz.min.js" type="text/javascript"></script>
```

Add it to Your Web Page

- **Copy "js"**
- **Copy "styles"**
- **Register the scripts and CSS**

```html
<!-- Kendo UI: Mobile -->
<link href="content/kendo.mobile.all.min.css" rel="stylesheet" type="text/css"/>
<script src="scripts/jquery.min.js" type="text/javascript"></script>
<script src="scripts/kendo.mobile.min.js" type="text/javascript"></script>
```

Add it to Your Web Page

- **Copy "js"**
- **Copy "styles"**
- **Register the scripts and CSS**

```html
<!-- Kendo UI: All -->
<link href="content/kendo.common.min.css" rel="stylesheet" type="text/css"/>
<link href="content/kendo.default.min.css" rel="stylesheet" type="text/css"/>
<link href="content/kendo.dataviz.min.css" rel="stylesheet" type="text/css"/>
<link href="content/kendo.mobile.all.min.css" rel="stylesheet" type="text/css"/>
<script src="scripts/jquery.min.js" type="text/javascript"></script>
<script src="scripts/kendo.web.min.js" type="text/javascript"></script>
<script src="scripts/kendo.dataviz.min.js" type="text/javascript"></script>
<script src="scripts/kendo.web.min.js" type="text/javascript"></script>
```

Summary

- **Kendo UI is a JavaScript framework**

- **All the tools in a single package**

- **Wide browser and platform support**

- **Available at http://www.kendoui.com**

- **Copy files and register**