



Today's session will be
recorded and available
24/7 on <http://tv.telerik.com>



Telerik UI Suite for Windows 8 is Official in Q3 2012!



RoadMap for Today

- Introduction & Housekeeping
- Why Windows 8 Store Apps
- New Controls & Features
- Demos – XAML/HTML
- Marketplace Application Built using Telerik Controls
- Resources / Q&A



Q3
2012

Introduction

Michael Crump

Microsoft MVP, MCPD

XAML Evangelist, Telerik

Twitter: @mbcrump

Blog: <http://michaelcrump.net>

Blog: <http://blogs.telerik.com/michaelcrump>

 **telerik**
deliver more than expected





Introduction

Jesse Liberty

XAML Evangelist, Telerik

Twitter: @JesseLiberty

Blog: <http://JesseLiberty.com>

Blog: <http://blogs.telerik.com/jesseliberty>





Introduction

Phil Japikse

Microsoft MVP, MCSD, MCDBA, CSM, CSP
Developer Evangelist, Telerik

Email: phil@telerik.com

Twitter: [@skimedic](https://twitter.com/skimedic)

Blog: <http://www.skimedic.com/blog>

Blog: <http://blogs.telerik.com/skimedic>





Introduction

Iris Classon

MCPD, MEET

Technical Evangelist, Telerik

Twitter: @IrisClasson

Blog: <http://www.irisclasson.com/>



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Twitter Contest – “I love Telerik”

- Tweet your favorite thing about Telerik by October 26th
- Use “I love #Telerik” in your tweet
- Follow @Telerik on Twitter
- Winner announced via Twitter and Facebook and emailed on October 29th





Schedule

October 22nd – Monday
11:00am EDT

What's New in Q3 2012 ASP.NET AJAX and MVC

October 23rd – Tuesday
11:00am EDT

What's New in Q3 2012 RadControls for Silverlight & WPF

October 23rd – Tuesday
1:00pm EDT

What's new in Q3 2012 RadControls for WinForms

October 24th – Wednesday
11:00am EDT

The Telerik Report Designer: More Powerful Than Ever

October 24th – Wednesday
1:00pm EDT

Efficiency with Visual Studio Productivity Tools



Schedule

October 25th – Thursday
11:00am EDT

Staying Afloat While Managing Multiple Websites and Personalization

October 25th – Thursday
1:00pm EDT

Telerik UI Suite for Windows 8 is official in Q3 2012!

October 26th – Friday
11:00am EDT

Taking Your Functional Tests to the Next Level With Test Studio 2012 R2

October 26th – Friday
1:00pm EDT

What's New in TeamPulse R5 – Kanban Boards, TFS 2012 Support and More



Why Build Windows 8 Store Apps?

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Why Build Windows 8 Store Apps now?

Next
Generation
OS

Age of the
slate / tablet
PC is now.

Use a
language
you already
know.

Monetize



What's New in RadControls for Windows Store Applications?



New and Awesome!

Controls

HTML XAML

Charts

HTML XAML

Bullet Graph

HTML XAML

Gauges

HTML XAML

Date/Time Pickers

HTML XAML

Pagination

HTML XAML

Hub Tiles

Numeric Box

HTML XAML

Drop Down List

HTML XAML

Slider

HTML XAML

Auto-complete

HTML XAML

ComboBox

HTML XAML

```

RadCartesianChart Grid.Row="1" Grid.Column="1" Margin="50">
    Telerik:RadCartesianChart.HorizontalAxis>
        Telerik:CategoricalAxis LabelStyle="{StaticResource LabelStyle}"
                                LabelFitMode="Multiline"></telerik:CategoricalAxis>
    Telerik:RadCartesianChart.HorizontalAxis>
    Telerik:RadCartesianChart.VerticalAxis>
        Telerik:LinearAxis LabelStyle="{StaticResource
                                labelStyle}"></telerik:LinearAxis>
    Telerik:RadCartesianChart.VerticalAxis>
    Telerik:AreaSeries Fill="Orange"
                        Stroke="Red"
                        ItemsSource="{Binding StoreRevenues}">
        Telerik:AreaSeries.ValueBinding>
        Telerik:PropertyNameDataPointBinding PropertyName="Amount" />
        Telerik:AreaSeries.ValueBinding>
        Telerik:AreaSeries.CategoryBinding>
        Telerik:PropertyNameDataPointBinding PropertyName="Month" />
        Telerik:AreaSeries.CategoryBinding>
    Telerik:AreaSeries>
</telerik:RadCartesianChart>

```

```

<!-- Pie Chart -->
<h3>REVENUE <span>by</span> PRODUCT <span>(% of total)</span></h3>
<div id="revenuePieChart" style="height: 230px; width: 640px;
    data-win-control="Telerik.UI.RadChart" data-win-options="{
        theme: 'dark',
        legend: { visible: false },
        seriesDefaults: {
            labels: {
                visible: true,
                format: '{0:0} %',
                distance: 1
            },
            tooltip: { visible: false }
        }
    }">
    </div>

```

```

orUnit:300

```

```

n: { visible: false }

```

```

<!-- Pie Chart -->
<h3>REVENUE <span>by</span> PRODUCT <span>(% of total)</span></h3>
<div id="revenuePieChart" style="height: 230px; width: 640px;
    data-win-control="Telerik.UI.RadChart" data-win-options="{
        theme: 'dark',
        legend: { position: 'bottom' },
        seriesDefaults: {
            labels: {
                visible: true,
                format: '{0:0} %',
                distance: 1
            },
            tooltip: { visible: false }
        }
    }">
    </div>

```

```

orUnit:500

```

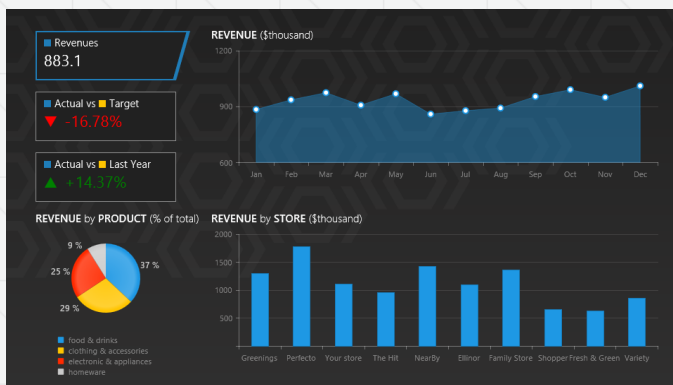
```

p: { visible: false }

```



Charts

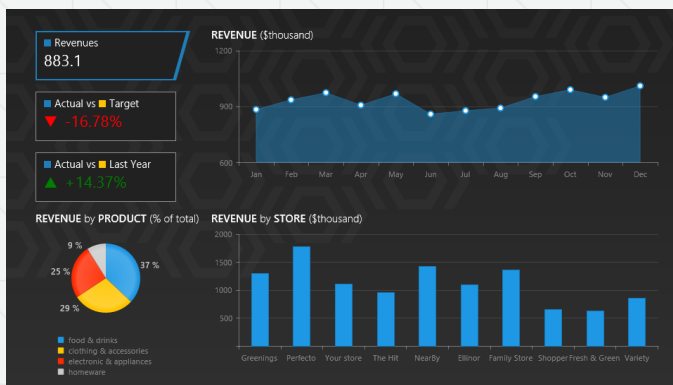


```
<telerik:RadCartesianChart Grid.Row="1" Grid.Column="1" Margin="50">
  <telerik:RadCartesianChart.HorizontalAxis>
    <telerik:CategoricalAxis LabelStyle="{StaticResource LabelStyle}"
                           LabelFitMode="MultiLine"></telerik:CategoricalAxis>
  </telerik:RadCartesianChart.HorizontalAxis>

  <telerik:RadCartesianChart.VerticalAxis>
    <telerik:LinearAxis LabelStyle="{StaticResource
                           labelStyle}"></telerik:LinearAxis>
  </telerik:RadCartesianChart.VerticalAxis>
  <telerik:AreaSeries Fill="Orange"
                     Stroke="Red"
                     ItemsSource="{Binding StoreRevenues}">
    <telerik:AreaSeries.ValueBinding>
      <telerik:PropertyNameDataPointBinding PropertyName="Amount" />
    </telerik:AreaSeries.ValueBinding>
    <telerik:AreaSeries.CategoryBinding>
      <telerik:PropertyNameDataPointBinding PropertyName="Month" />
    </telerik:AreaSeries.CategoryBinding>
  </telerik:AreaSeries>
</telerik:RadCartesianChart>
```



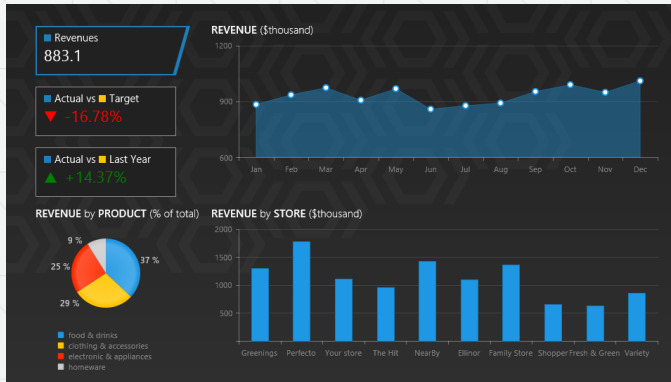
Charts



```
<!-- Area Chart -->
<h3>REVENUE <span>($thousand)</span></h3>
<div id="revenueLineChart" style="height: 200px; width: 640px;"
  data-win-control="Telerik.UI.RadChart" data-win-options="{
    theme: 'dark',
    legend: { visible: false },
    valueAxis: {
      labels: {
        format: '{0:0}'
      },
      majorUnit:300
    },
    tooltip: { visible: false },
    categoryAxis: {
      categories: ['Jan','Feb','Mar','Apr','May','Jun',
        'Jul','Aug','Sep','Oct','Nov','Dec']
    },
    onseriesclick: Telerik.QSF.HTML.Examples.Chart.FirstLook.serieshover,
    onserieshover: Telerik.QSF.HTML.Examples.Chart.FirstLook.serieshover
  }">
</div>
```




Charts



<!-- Bar Chart -->

```
<div class="revenueStoreChart">
```

```
<h3>REVENUE <span>by</span> STORE <span>($thousand)</span></h3>
```

```
<div id="revenueColumnChart" style="height: 200px; width: 640px;"
```

```
data-win-control="Telerik.UI.RadChart" data-win-options="{
```

```
  theme: 'dark',
```

```
  legend: { visible: false },
```

```
  valueAxis: {
```

```
    labels: {
```

```
      format: '{0:0}',
```

```
      skip:1
```

```
    },
```

```
    majorUnit:500
```

```
  },
```

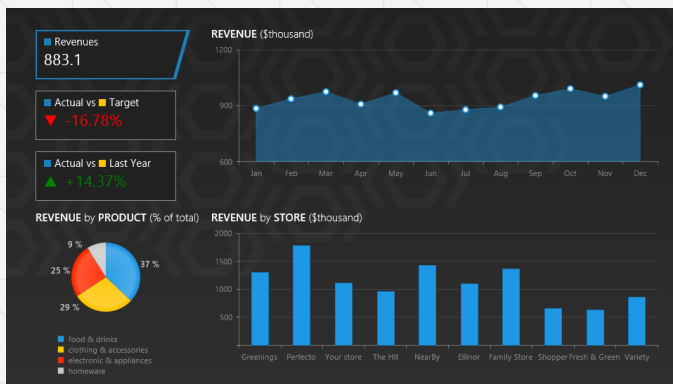
```
  tooltip: { visible: false }
```

```
>">
```

```
</div>
```



Charts



<!-- Pie Chart -->

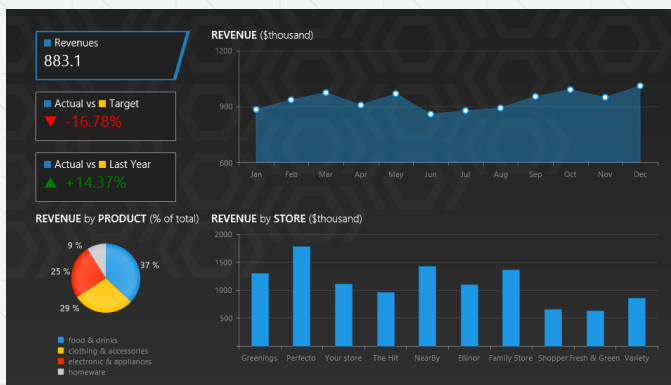
<h3>REVENUE by PRODUCT (% of total)</h3>

```
<div id="revenuePieChart" style="height: 230px; width: 200px;"
  data-win-control="Telerik.UI.RadChart" data-win-options="{
    theme: 'dark',
    legend: { position: 'bottom' },
    seriesDefaults: {
      labels: {
        visible: true,
        format: '{0:0} %',
        distance: 1
      }
    },
    tooltip: { visible: false }
  }">
```

```
</div>
```

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Charts



```
<!-- Bar Chart -->
```

```
<div class="revenueStoreChart">
```

```
<h3>REVENUE <span>by</span> STORE <span>($thousand)</span></h3>
```

```
<div id="revenueColumnChart" style="height: 200px; width: 640px;"
```

```
data-win-control="Telerik.UI.RadChart" data-win-options="{
```

```
  theme: 'dark',
```

```
  legend: { visible: false },
```

```
  valueAxis: {
```

```
    labels: {
```

```
      format: '{0:0}',
```

```
      skip:1
```

```
    },
```

```
    majorUnit:500
```

```
  },
```

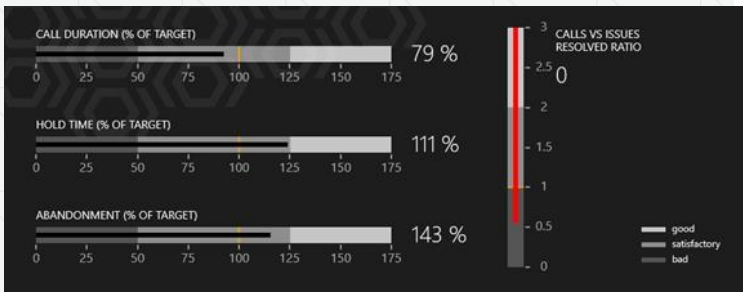
```
  tooltip: { visible: false }
```

```
</div>
```

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Bullet Graphs

HTML XAML



```
<telerik:RadBulletGraph
    FeaturedMeasureStartValue="0"
    Margin="0 6 15 0" EndValue="175" TickStep="25" LabelStep="25"
    LabelOffset="15"
    FeaturedMeasureThickness="6"
    LabelTemplate="{StaticResource LabelTemplate}"
    TickTemplate="{StaticResource TickTemplate}"
    ComparativeMeasureTemplate="{StaticResource ComparativeMeasureTemplate}"
    FeaturedMeasureAlternativeTemplate="{StaticResource EmptyTemplate}"
    FeaturedMeasureBrush="{Binding CallDuration,
        Converter={StaticResource ColorConverter},ConverterParameter='50'}"
    FeaturedMeasure="{Binding CallDuration}"
    Height="50"
    ComparativeMeasure="100">
    <telerik:RadBulletGraph.QualitativeRanges>
        <telerik:BarIndicatorSegment
            Stroke="{StaticResource BadBrush" Thickness="20" Length="50" />
        <telerik:BarIndicatorSegment
            Stroke="{StaticResource SatisfactoryBrush}"
            Thickness="20" Length="75" />
        <telerik:BarIndicatorSegment
            Stroke="{StaticResource GoodBrush" Thickness="20 Length="50" />
    </telerik:RadBulletGraph.QualitativeRanges>
</telerik:RadBulletGraph>
```

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Gauges - Radial/Linear

HTML XAML



```
<telerikDataViz:RadLinearGauge
telerikDataViz:RadLinearGauge.Orientation="Vertical" MinValue="0"
    MaxValue="80" LabelStep="20" TickStep="20" LabelOffset="-20">
    <telerikDataViz:SegmentedLinearGaugeIndicator Value="80"
telerikDataViz:RadLinearGauge.Orientation="Vertical">
    </telerikDataViz:SegmentedLinearGaugeIndicator>
    <telerikDataViz:MarkerGaugeIndicator
telerikDataViz:RadLinearGauge.Orientation="Vertical" Value="0">
    <telerikDataViz:MarkerGaugeIndicator.Content>
        <Rectangle Width="7" Height="2" Fill="#999999" Margin="0 0 5 0" />
    </telerikDataViz:MarkerGaugeIndicator.Content>
    </telerikDataViz:MarkerGaugeIndicator>
    <telerikDataViz:LinearBarGaugeIndicator
telerikDataViz:RadLinearGauge.Orientation="Vertical" Brush="White"
Thickness="12" IsAnimated="True"
telerikDataViz:RadLinearGauge.IndicatorOffset="10" Value="{Binding
Revenues}"/>
</telerikDataViz:RadLinearGauge>
```

Q3
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Gauges - Radial/Linear

HTML XAML



```
<telerik:RadRadialGauge MaxValue="120"  
    LabelStep="60"  
    Margin="0 60 0 0"  
    TickStep="20"  
    Grid.Row="1"  
    HorizontalAlignment="Stretch"  
    VerticalAlignment="Stretch"  
    LabelRadiusScale="1.10">
```

Gauges - Radial/Linear

HTML XAML



```
<h3>EXPENSES, % OF TARGET</h3>
<div id="gauge2" data-win-control="Telerik.UI.RadLinearGauge"
    style="width: 60px; height: 180px;"
    data-win-options="{
        min:0, max:100,
        majorUnit:20, minorUnit:5,
        ranges:[
            {from:80,to:100,color:'red'},
            {from:0,to:50, color:'#595959'},
            {from:50,to:80, color:'#000000'}
        ],
        value:87.67
    }">
</div>
```

Q3
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Gauges - Radial/Linear

HTML XAML



```
<h3>EXPENSES (MLNS)</h3>
<div id="gauge5" data-win-control="Telerik.UI.RadRadialGauge"
    style="width: 250px; height: 150px;"
    data-win-options="{
        endAngle:180,
        minorTicks:{type:Telerik.UI.Gauge._TickConfiguration, size:2},
        minorUnit:20, max:120, majorUnit:60, min:0,
        pointer:{
            type:Telerik.UI.Gauge._RadialPointerConfiguration, color:'red'},
        ranges:[
            {color:'red', from:80, to:120},
            {color:'#595959', from:0, to:80}],
        rangeSize:2, rangeDistance:-1, startAngle:0,
        value:100
    }">
</div>
```


Q3 2012

Date and Time Pickers

HTML XAML

Select Date

13
Saturday

14
Sunday

10
October

15
Monday

2012
Leap Year

16
Tuesday

17

✓ ✕

Select Time

43

44

15

45

46

47

✓ ✕

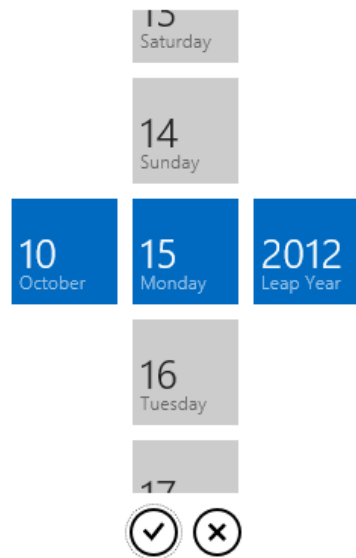
```
<telerik:RadDatePicker Header="Select arriving date"
    x:Name="arriveDatePicker"
    DisplayValueFormat="dddd, MMMM dd, yyyy"
    ItemLength="90"
    Margin="10"
    Value="{Binding ArriveDate, Mode=TwoWay,
        Converter={StaticResource nullableConverter}}" />
<telerik:RadTimePicker Header="Arrival time"
    x:Name="startTimePicker"
    ItemLength="90"
    Margin="10"
    Value="{Binding ArriveDate, Mode=TwoWay,
        Converter={StaticResource nullableConverter}}" />
```



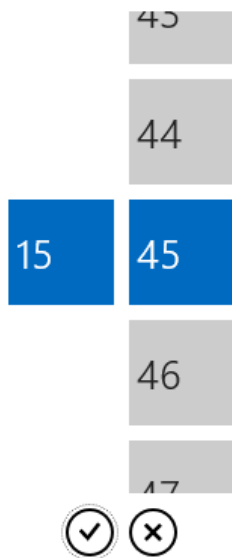
Date and Time Pickers

HTML XAML

Select Date



Select Time



```
<div id="getDate"
  data-win-control="Telerik.UI.RadDatePicker"
  data-win-options="{
    displayValueFormat:'dayofweek month day year',
    header:'Select arrival date'}" >

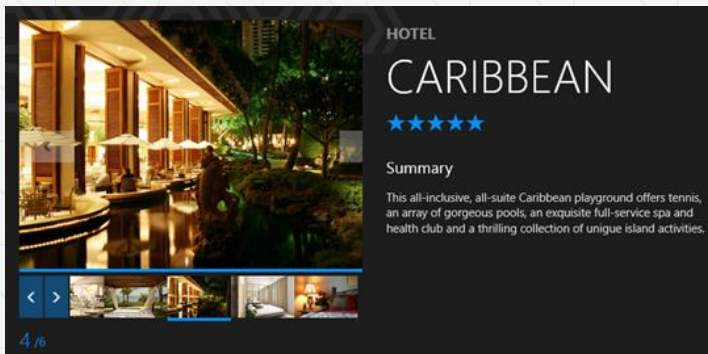
</div>
-----
<div id="getTime"
  data-win-control="Telerik.UI.RadTimePicker"
  data-win-options="{
    header:'Select Departure Time',
    selectorFormat:'h/m',
    selectorHeader: 'Select Time'}" >

</div>
```

Q3 2012

Pagination

HTML XAML

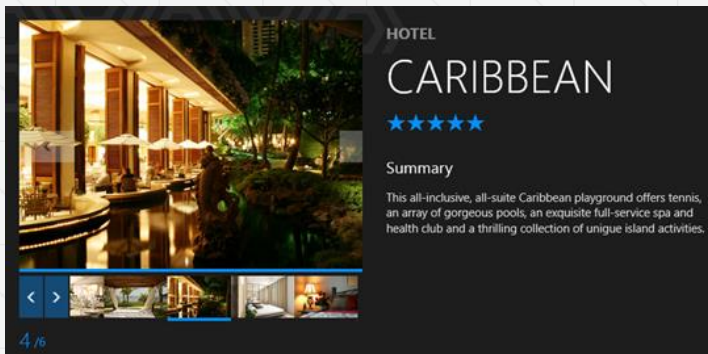


```
<telerikPagination:PaginationButton x:Name="PART_LeftArrow"
ContentTemplate="{TemplateBinding LeftArrowTemplate}"
                                VerticalAlignment="Stretch"
Margin=" 0 0 0 4" IsEnabled="{TemplateBinding IsEnabled}"/>
<telerikPagination:PaginationButton Grid.Column="1"
x:Name="PART_RightArrow" Margin=" 2 0 0 4" IsEnabled="{TemplateBinding
IsEnabled}"
ContentTemplate="{TemplateBinding RightArrowTemplate}"
VerticalAlignment="Stretch"/>
<telerikPagination:PaginationListControl Margin="2 0 0 0"
Grid.Column="2" x:Name="PART_ThumbnailList"
ItemTemplate="{TemplateBinding ListItemTemplate}"
IsEnabled="{TemplateBinding IsEnabled}"
VerticalAlignment="{TemplateBinding VerticalAlignment}"/>
<telerikPagination:PaginationIndexLabelControl Grid.Row="1"
Grid.ColumnSpan="3" VerticalAlignment="Top"
Foreground="{TemplateBinding Foreground}"
IsEnabled="{TemplateBinding IsEnabled}" Margin="0 5 0 0"
x:Name="PART_IndexLabelControl"/>
```

Q3 2012

Pagination

HTML XAML



```
<div id="pagination" data-win-control="Telerik.UI.RadPagination"
    data-win-options="{
        pageProvider: select('#imagesFlipView'),
        itemTemplate: select('#paginationTemplate')}">
</div>
<div class="configurationFlyout" data-win-control="WinJS.UI.Flyout">
<div id="thumbnailsSwitch" class="pagination-switch"
    data-win-control="WinJS.UI.ToggleSwitch"
    data-win-options="{title: 'Thumbnails', checked: true}"></div>
<div id="buttonsSwitch" class="pagination-switch"
    data-win-control="WinJS.UI.ToggleSwitch"
    data-win-options="{
        title: 'Previous / Next Buttons', checked: true}"></div>
<div id="labelSwitch" class="pagination-switch"
    data-win-control="WinJS.UI.ToggleSwitch"
    data-win-options="{title: 'Page Numbers', checked: true}"></div>
</div>
```



Hub Tiles

HTML XAML



```
<telerikPrimitives:RadSlideHubTile Width="150" Height="150"
telerikPrimitives:HubTileService.GroupTag="FirstLook">
  <telerikPrimitives:RadSlideHubTile.TopContent>
    <TextBlock Text="Jake Connely"
      HorizontalAlignment="Left" VerticalAlignment="Bottom"
      FontSize="22" FontWeight="Light" Margin="12,12,12,12"/>
  </telerikPrimitives:RadSlideHubTile.TopContent>
  <telerikPrimitives:RadSlideHubTile.BottomContent>
    <Image Source="../../../Images/jake-connely.png"
      Stretch="UniformToFill"/>
  </telerikPrimitives:RadSlideHubTile.BottomContent>
</telerikPrimitives:RadSlideHubTile>
```



Hub Tiles

HTML XAML



```
<div style="width: 150px; height: 150px;" id="personTile"
data-win-control="Telerik.UI.RadSlideHubTile"
data-win-options="{
    topContentTemplate:select('#personTitle'),
    bottomContentTemplate:
        '/examples/HubTile/FirstLook/images/jake-connely.png'
}">
    <div id="personTitle" style="display: none">
        <h2 style="position: absolute;
            bottom: 5px; left: 10px;">Jake Connely</h2>
    </div>
</div>
```

Red

0

Green

106

Blue

123

Opacity

30

```
<span class="label">Red</span>
<span id="redBox" class="numeric"
      data-win-control="Telerik.UI.RadNumericBox"
      data-win-options="{
        value: 0,
        min: 0,
        max: 255,
        step: 10,
        decimals: 0,
        format: 'n0',
        onchange:
          Telerik.QSF.HTML.Examples.NumericBox.FirstLook.change,
        onspin:
          Telerik.QSF.HTML.Examples.NumericBox.FirstLook.change
      }">
</span>
```

Q3 2012

Drop Down List

HTML XAML

Status

Free



Free



Tentative



Busy



Out of Office

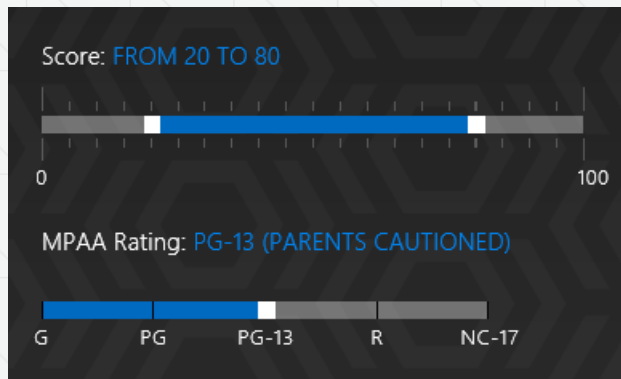
```
<label>Status</label>
<span id="Span4" data-win-control="Telerik.UI.RadDropDownList"
      data-win-options="{
        dataSource: Telerik.QSF.HTML.Examples.DropDownList.FirstLook.statusData,
        dataTextField: 'status',
        template: '<span class=\'ddlfl-statusItem #= data.css #\'><span></span>#=
data.status #</span>'
      }"></span>
```

```
WinJS.Namespace.define("Telerik.QSF.HTML.Examples.DropDownList.FirstLook", {
  renderCategoryItem: WinJS.Utilities.markSupportedForProcessing(
    function (item) {
      return ["<span class='ddlfl-categoryItem'>",
        "<span style='background:" + item.color + "; border-color: "
          + item.border + "'>",
        "</span>",
        item.category,
        "</span>"
      ].join("");
    }
  ),
  statusData: [
    { status: "Free", css: "free" }, { status: "Tentative", css: "tentative" },
    { status: "Busy", css: "busy" }, { status: "Out of Office", css: "out" }
  ]
});
```


Q3 2012

Slider

HTML XAML



```
<label>Score:</label><span class="selectedScore">From 20 to 80</span>
<div id="score" data-win-control="Telerik.UI.RadRangeSlider"
  data-win-options="{
    max: 100,
    largeStep: 100,
    smallStep: 5,
    selectionStart: 20,
    selectionEnd: 80
  }">
</div>
<label>MPAA Rating:</label><span class="selectedRating">PG-13 (Parents
Cautioned)</span>
<div id="rating" data-win-control="Telerik.UI.RadSlider"
  data-win-options="{
    max: 4,
    largeStep: 1,
    tickPlacement: 'inside',
    value: 2,
    tooltip: {
      template: Telerik.QSF.HTML.Examples.Slider.FirstLook.ratingTemplate
    }
  }">
</div>
```

Q3 2012

AutoComplete

HTML XAML

IN THEATERS NOW

Av



AVATAR
2009



MARVEL'S THE AVENGERS
2012



AVATAR 2
2015

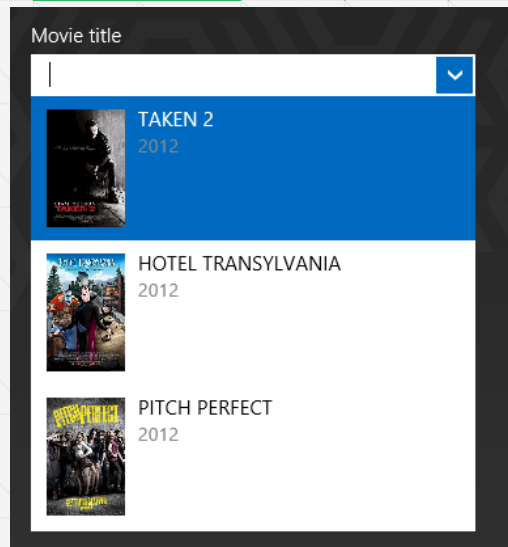
```
<h2>In Theaters Now</h2>
<progress></progress>
<span id="autoComplete" data-win-control="Telerik.UI.RadAutoCompleteBox"
data-win-options="{
  dataSource: {
    serverFiltering: true,
    transport: {
      read: Telerik.QSF.HTML.Examples.AutoCompleteBox.FirstLook.search
    },
    schema: {
      data: 'movies'
    }
  },
  height: 330,
  minLength: 2,
  dataTextField: 'title',
  template: Telerik.QSF.HTML.Examples.AutoCompleteBox.FirstLook.itemTemplate,
  onselect: Telerik.QSF.HTML.Examples.AutoCompleteBox.FirstLook.itemSelected,
  ondatabound: Telerik.QSF.HTML.Examples.AutoCompleteBox.FirstLook.loadImages
}">
</span>
```

Q3 2012

ComboBox

HTML

XAML



```
<label>Movie title</label>
<span id="moviesCombo" data-win-control="Telerik.UI.RadComboBox" data-win-options="{
  autoBind: false,
  dataSource: {
    transport: {
      read: Telerik.QSF.HTML.Examples.ComboBox.FirstLook.searchBoxOffice
    },
    schema: { data: 'movies' }
  },
  height: 330, dataTextField: 'title',
  template: Telerik.QSF.HTML.Examples.ComboBox.FirstLook.itemTemplate,
  ondatabound: Telerik.QSF.HTML.Examples.ComboBox.FirstLook.loadImages,
  onselect: Telerik.QSF.HTML.Examples.ComboBox.FirstLook.movieSelected
}"></span>
```



This Webinar

To avoid problems with computer glitches, and to ensure the best use of your time, the software demos were pre-recorded.

Q&A will continue live throughout the presentation and after the presentation ends.



Demos – XAML





Demos – HTML

Customize Your Pizza


Select Topping:

Amount of Sauce: (10 = heavy)

When would you like your pizza delivered?

Select the date: Select the time:

Baking Time: (in minutes)



You have selected Pepperoni as a topping with regular sauce, have a baking time of 40 minutes and will be delivered by 14:00:00 on Thursday, October 25, 2012



Demo – Market Application



Resources

- Telerik
 - <http://www.telerik.com/>
- Documentation / Demos / Forums, etc.
 - <http://www.telerik.com/support.aspx>
- Product Roadmap
 - <http://www.telerik.com/products/windows-8/roadmap.aspx>
- Discount Code – 10% off!
 - EVE-WEBQ3Y22

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DevCraft Ultimate License Give Away

- One attendee of this webinar will receive a free DevCraft License!
- Winner will be announced on Facebook, Twitter, as well as emailed.
- Follow @Telerik on Twitter
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Q & A

Download RadControls for Windows 8 Store Applications at
<http://www.telerik.com/products/windows-metro/overview.aspx>

Email	Twitter
Michael.Crump@telerik.com	@mbcrump
Jesse.Liberty@telerik.com	@JesseLiberty
Phil@telerik.com	@skimedic
Iris.classon@telerik.com	@IrisClasson