애니메이션의 두가지 기법

- 트랜지션

- 키프레임 애니메이션

Linear 보간법: 일정한 비율로 진행되는 애니메이션

Discrete 보간법: 시작점과 끝 지점을 뛰어넘는 애니메이션

Splined 보간법: 제어점을 통한 가속 및 감속 효과가 가능

참고 사이트:

http://samples.msdn.microsoft.com/Silverlight/SampleBrowser/index.htm#/?sref=KeySplineExample

<DoubleAnimationUsingKeyFrames

Storyboard.TargetName="Gear1" Storyboard.TargetProperty="(UIElement.RenderTransform).(TransformGroup.Children)[3].(RotateTransform.Angle)" BeginTime="00:00:00" RepeatBehavior="Forever">

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<DoubleAnimationUsingKeyFrames

Storyboard.TargetName="Gear1"

Storyboard.TargetProperty="(UIElement.Opacity)" BeginTime="00:00:00">

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</DoubleAnimationUsingKeyFrames>

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<Image.RenderTransform>

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<ScaleTransform ScaleX="1" ScaleY="1"/>

<SkewTransform AngleX="0" AngleY="0"/>

<RotateTransform Angle="0"/>

<TranslateTransform X="0" Y="0"/>

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</TransformGroup>

</Image.RenderTransform>

</Image>

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<Rectangle.Fill>

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<GradientStopCollection>

<GradientStop Color="#FF0000" Offset="0"/>

<GradientStop Color="sc#1, 1, 1, 0.768538356" Offset="0.10256410256410256"/>

<GradientStop Color="#FF0000" Offset="0.60897435897435892"/>

<GradientStop Color="#FF0000" Offset="0.79487179487179482"/>

<GradientStop Color="#FF0000" Offset="1"/>

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</GradientStopCollection>

</LinearGradientBrush.GradientStops>

</LinearGradientBrush>

</Rectangle.Fill>

<Rectangle.OpacityMask>

<LinearGradientBrush StartPoint="0,0.5" EndPoint="1,0.5">

<LinearGradientBrush.GradientStops>

<GradientStopCollection>

<GradientStop Color="sc#1, 1, 0.987141, 0" Offset="0.39743589743589741"/>

<GradientStop Color="sc#0.7, 1, 0.658374846, 0" Offset="1"/>

</GradientStopCollection>

</LinearGradientBrush.GradientStops>

</LinearGradientBrush>

</Rectangle.OpacityMask>

</Rectangle>

전체 소스

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xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:System="clr-namespace:System;assembly=mscorlib"

x:Name="RootWindow"

Title="Welcome to O'Reilly"

SizeToContent="WidthAndHeight" ResizeMode="NoResize" >

<Window.Resources >

<System:Double x:Key="LargeText">14</System:Double>

<Storyboard x:Key="OnLoaded">

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<SplineDoubleKeyFrame KeySpline="0.5,0.5,0.5,0.5" Value="0" KeyTime="00:00:00"/>

<SplineDoubleKeyFrame KeySpline="0.5,0.5,0.5,0.5" Value="360" KeyTime="00:01:18"/>

</DoubleAnimationUsingKeyFrames>

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</DoubleAnimationUsingKeyFrames>

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<SplineDoubleKeyFrame KeySpline="0.5,0.5,0.5,0.5" Value="360" KeyTime="00:01:18"/>

</DoubleAnimationUsingKeyFrames>

<DoubleAnimationUsingKeyFrames Storyboard.TargetName="Gear4" Storyboard.TargetProperty="(UIElement.RenderTransform).(TransformGroup.Children)[3].(RotateTransform.Angle)" BeginTime="00:00:00" RepeatBehavior="Forever">

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<SplineDoubleKeyFrame KeySpline="0.5,0.5,0.5,0.5" Value="-360" KeyTime="00:01:18"/>

</DoubleAnimationUsingKeyFrames>

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</DoubleAnimationUsingKeyFrames>

<!--Text Logo Fade In-->

<DoubleAnimationUsingKeyFrames Storyboard.TargetName="TextLogo\_png1" Storyboard.TargetProperty="(UIElement.Opacity)" BeginTime="00:00:00">

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<SplineDoubleKeyFrame KeySpline="0.5,0.5,0.5,0.5" Value="0" KeyTime="00:00:01.5"/>

<SplineDoubleKeyFrame KeySpline="0.5,0.5,0.5,0.5" Value="1" KeyTime="00:00:02.5"/>

</DoubleAnimationUsingKeyFrames>

<!--Content area (UI) fade in-->

<DoubleAnimationUsingKeyFrames Storyboard.TargetName="ContentGrid" Storyboard.TargetProperty="(UIElement.Opacity)" BeginTime="00:00:00">

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<SplineDoubleKeyFrame KeySpline="0.5,0.5,0.5,0.5" Value="0" KeyTime="00:00:01"/>

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<DoubleAnimationUsingKeyFrames Storyboard.TargetName="RedGradient" Storyboard.TargetProperty="(UIElement.Opacity)" BeginTime="00:00:00">

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<DoubleAnimationUsingKeyFrames Storyboard.TargetName="TextBlock3" Storyboard.TargetProperty="(UIElement.Opacity)" BeginTime="00:00:00">

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</DoubleAnimationUsingKeyFrames>

</Storyboard>

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<Setter Property="Template" Value="{DynamicResource HeaderedContentControlControlTemplate1}"/>

</Style>

<ControlTemplate x:Key="HeaderedContentControlControlTemplate1" TargetType="{x:Type HeaderedContentControl}">

<BulletDecorator x:Name="BulletDecorator1" RenderTransformOrigin="0.5,0.5">

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</BulletDecorator.Bullet>

<ContentControl Content="{TemplateBinding Content}" VerticalAlignment="Stretch" Margin="4,4,4,4" HorizontalAlignment="Left"/>

</BulletDecorator>

</ControlTemplate>

</Window.Resources>

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<EventTrigger.Actions>

<BeginStoryboard x:Name="\_OnLoaded" Storyboard="{DynamicResource OnLoaded}"/>

</EventTrigger.Actions>

</EventTrigger>

</Window.Triggers>

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</Grid.ColumnDefinitions>

<Grid.RowDefinitions>

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</Grid.RowDefinitions>

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</Image.Source>

<Image.RenderTransform>

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</Image.RenderTransform>

</Image>

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</TransformGroup>

</Image.RenderTransform>

</Image>

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<Image.RenderTransform>

<TransformGroup>

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<ScaleTransform ScaleX="1" ScaleY="1"/>

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</TransformGroup>

</Image.RenderTransform>

</Image>

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<GradientStop Color="sc#1, 1, 1, 0.768538356" Offset="0.10256410256410256"/>

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<GradientStop Color="#FF0000" Offset="0.79487179487179482"/>

<GradientStop Color="#FF0000" Offset="1"/>

<GradientStop Color="#FF0000" Offset="0.25"/>

<GradientStop Color="#FF0000" Offset="0.44230769230769229"/>

</GradientStopCollection>

</LinearGradientBrush.GradientStops>

</LinearGradientBrush>

</Rectangle.Fill>

<Rectangle.OpacityMask>

<LinearGradientBrush StartPoint="0,0.5" EndPoint="1,0.5">

<LinearGradientBrush.GradientStops>

<GradientStopCollection>

<GradientStop Color="sc#1, 1, 0.987141, 0" Offset="0.39743589743589741"/>

<GradientStop Color="sc#0.7, 1, 0.658374846, 0" Offset="1"/>

</GradientStopCollection>

</LinearGradientBrush.GradientStops>

</LinearGradientBrush>

</Rectangle.OpacityMask>

</Rectangle>

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</TransformGroup>

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</Grid>

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</Image.Source>

</Image>

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<TextBlock x:Name="TextBlock3" Margin="0,250,10,0" HorizontalAlignment="Right" VerticalAlignment="Top" Width="400" Height="40" Text="Getting Started with .NET 3.0" TextAlignment="Left" FontSize="24" Opacity="1"/>

<Image x:Name="PDFImage" IsEnabled="True" HorizontalAlignment="Left" VerticalAlignment="Top" RenderTransformOrigin="0.5,0.5" Source="http://www.oreilly.com/catalog/covers/059652921X\_cat.gif" Margin="400,300,10,20" Opacity="1"/>

</Grid>

</Window >