

TranslateTransform and DoubleAnimation



```
//File:Window.xaml.cs
using System;
using System.Windows;
using System.Windows.Controls;
using System.Windows.Data;
using System.Windows.Documents;
using System.Windows.Media;
using System.Windows.Shapes;
using System.Windows.Media.Animation;

namespace _360Timer
{
    public partial class Window1 : Window
    {
        public Window1()
        {
            InitializeComponent();

            this.Show();

            for (int i = 0; i < 24; ++i) { Ellipse e = new Ellipse();
            e.Stroke = new SolidColorBrush(Color.FromArgb(5, 2, 200,
            100)); e.StrokeThickness = 20; e.Width = 10.0; e.Height =
            20.0; this.MainCanvas.Children.Add(e);
            e.SetValue(Canvas.LeftProperty, 300);
            e.SetValue(Canvas.TopProperty, 400); double duration = 6.0 ;
            double delay = 1.0 ; TranslateTransform offsetTransform = new
            TranslateTransform(); DoubleAnimation offsetXAnimation = new
```

```
DoubleAnimation(0.0, -256.0, new
Duration(TimeSpan.FromSeconds(duration)));
offsetXAnimation.RepeatBehavior = RepeatBehavior.Forever;
offsetXAnimation.BeginTime = TimeSpan.FromSeconds(delay);
offsetTransform.BeginAnimation(TranslateTransform.XProperty,
offsetXAnimation);
offsetTransform.BeginAnimation(TranslateTransform.YProperty,
offsetXAnimation); e.RenderTransform = offsetTransform; } } }
} [/csharp]
```