Министерство образования и молодежной политики Свердловской области

ГАПОУ СО «Екатеринбургский колледж транспортного строительства»

Отчет по ТРПО. Лабораторная работа   
**Использование стилей в WPF-приложениях**

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Задание 2

<Window x:Class="Lab\_3\_WPF.MainWindow"

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

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

xmlns:local="clr-namespace:Lab\_3\_WPF"

Title="MainWindow" Height="450" Width="800">

<Window.Resources>

<Style TargetType="Button" x:Key="ToolBarButtonStyle">

<Setter Property="Margin" Value="5"/>

<Setter Property="CommandParameter" Value="{Binding}"/>

</Style>

<Style TargetType="MenuItem" x:Key="MenuItemStyle">

<Setter Property="CommandParameter" Value="{Binding}"/>

</Style>

</Window.Resources>

<DockPanel>

<Menu DockPanel.Dock="Top">

<MenuItem Header="Меню" Style="{StaticResource MenuItemStyle}">

<MenuItem Header="Изменить цвет фона" Command="{Binding ChangeColorCommand}"/>

<MenuItem Header="Получить информацию о разработчике" Command="{Binding AboutDeveloperCommand}"/>

<MenuItem Header="Выход" Command="{Binding ExitCommand}"/>

</MenuItem>

</Menu>

<ToolBar DockPanel.Dock="Top">

<Button Content="Изменить цвет фона" Command="{Binding ChangeColorCommand}" Style="{StaticResource ToolBarButtonStyle}" />

<Button Content="Получить информацию о разработчике" Command="{Binding AboutDeveloperCommand}" Style="{StaticResource ToolBarButtonStyle}" />

<Button Content="Выход" Command="{Binding ExitCommand}" Style="{StaticResource ToolBarButtonStyle}" />

</ToolBar>

<StatusBar DockPanel.Dock="Bottom">

<TextBlock Text="{Binding StatusBarText}"/>

</StatusBar>

<Grid Background="{Binding BackgroundColor}" />

</DockPanel>

</Window>

<Window x:Class="WpfApp\_2.MainWindow"

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

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

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:WpfApp\_2"

mc:Ignorable="d"

Title="Графический редактор" Height="450" Width="800">

<Window.Resources>

<local:ColorConverter x:Key="ColorConverter"/>

<Style TargetType="RadioButton" x:Key="RadioButtonStyle">

<Setter Property="Margin" Value="10"/>

</Style>

</Window.Resources>

<Grid>

<Grid.RowDefinitions>

<RowDefinition Height="Auto"/>

<RowDefinition Height="\*"/>

</Grid.RowDefinitions>

<StackPanel Orientation="Horizontal" Grid.Row="0">

<ComboBox Name="colorComboBox" Width="120" Height="20" Margin="10" MaxDropDownHeight="200" ItemsSource="{Binding AvailableColors}" SelectedItem="{Binding SelectedColor}"/>

<Slider Name="sizeSlider" Width="120" Margin="10" Minimum="1" Maximum="10" Value="{Binding SelectedSize}"/>

<RadioButton Content="Рисование" IsChecked="{Binding IsDrawMode}" Style="{StaticResource RadioButtonStyle}"/>

<RadioButton Content="Редактирование" IsChecked="{Binding IsEditMode}" Style="{StaticResource RadioButtonStyle}"/>

<RadioButton Content="Удаление" IsChecked="{Binding IsDeleteMode}" Style="{StaticResource RadioButtonStyle}"/>

</StackPanel>

<Canvas Name="myCanvas" Background="White" MouseDown="Canvas\_MouseDown" MouseMove="Canvas\_MouseMove" MouseUp="myCanvas\_MouseUp" Grid.Row="1">

<Canvas.Resources>

<Style TargetType="Ellipse">

<Setter Property="Stroke" Value="{Binding SelectedColor, Converter={StaticResource ColorConverter}}"/>

<Setter Property="StrokeThickness" Value="{Binding SelectedSize}"/>

</Style>

</Canvas.Resources>

</Canvas>

</Grid>

</Window>

Задание 3

<Window x:Class="Lab\_5\_WPF.MainWindow"

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

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

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:Lab\_5\_WPF"

mc:Ignorable="d"

Title="MultiEdit" Height="450" Width="800" Loaded="Window\_Loaded">

<Grid>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="\*" />

<ColumnDefinition Width="\*" />

</Grid.ColumnDefinitions>

<StackPanel x:Name="LeftPanel" Grid.Column="0" Margin="10"/>

<StackPanel x:Name="RightPanel" Grid.Column="1" Margin="10"/>

</Grid>

</Window>

namespace Lab\_5\_WPF

{

public partial class MainWindow : Window

{

public MainWindow()

{

InitializeComponent();

}

private void Window\_Loaded(object sender, RoutedEventArgs e)

{

// Создание градиента

LinearGradientBrush gradientBrush = new LinearGradientBrush();

gradientBrush.GradientStops.Add(new GradientStop(Colors.LightBlue, 0));

gradientBrush.GradientStops.Add(new GradientStop(Colors.White, 1));

// Применение градиента к двум панелям

LeftPanel.Background = gradientBrush;

RightPanel.Background = gradientBrush;

// Установка стилей для текстовых полей

Style largeTextBoxStyle = new Style(typeof(TextBox));

largeTextBoxStyle.Setters.Add(new Setter(TextBox.FontSizeProperty, 18.0));

Style smallTextBoxStyle = new Style(typeof(TextBox));

smallTextBoxStyle.Setters.Add(new Setter(TextBox.FontSizeProperty, 12.0));

// Создание текстовых полей

TextBox largeTextBox1 = new TextBox();

largeTextBox1.Style = largeTextBoxStyle;

TextBox largeTextBox2 = new TextBox();

largeTextBox2.Style = largeTextBoxStyle;

TextBox smallTextBox1 = new TextBox();

smallTextBox1.Style = smallTextBoxStyle;

TextBox smallTextBox2 = new TextBox();

smallTextBox2.Style = smallTextBoxStyle;

// Добавление текстовых полей в панели

LeftPanel.Children.Add(largeTextBox1);

LeftPanel.Children.Add(smallTextBox1);

RightPanel.Children.Add(largeTextBox2);

RightPanel.Children.Add(smallTextBox2);

}

}

}

