**26 Язык разметки XML**

Задание 1. Создать XML файл Магазин состоящий из товара (название товара, срок годности, стоимость).

Листинг программы:

public partial class MainWindow: Window

{

private readonly IXmlWorker \_worker;

private readonly ILogger \_logger;

public bool IsFileOpened = false;

private string \_xmlFilePath;

public MainWindow()

{

InitializeComponent();

\_logger = LoggerFactory.Create(builder => builder.SetMinimumLevel

(LogLevel.Information)).CreateLogger<MainWindow>();

\_worker = new XmlDocumentWorker(\_logger);

}

private void buttonFindCountryByName\_Click(object sender, RoutedEventArgs e)

{

var market = \_worker.FindBy(textBoxCountryName.Text);

PrintCountry(market);

}

private void buttonAdd\_Click(object sender, RoutedEventArgs e)

{

PrintCountries(\_worker.GetAll());

}

private void buttonExit\_Click(object sender, RoutedEventArgs e)

{

this.Close();

}

private void buttonDelete\_Click(object sender, RoutedEventArgs e)

{

if (!string.IsNullOrEmpty(textBoxDeleteCountryName.Text) || !string.IsNullOrWhiteSpace(textBoxDeleteCountryName.Text))

{

\_worker.Delete(textBoxDeleteCountryName.Text);

PrintCountries(\_worker.GetAll());

}

}

private void PrintCountry(Market markett)

{

textBlockXMLFileContent.Text = "=======Market========" + Environment.NewLine;

textBlockXMLFileContent.Text += markett?.ToString() ?? "Parking not found";

}

private void PrintCountries(List<Market> market)

{

textBlockXMLFileContent.Text = "========Tovar=======" + Environment.NewLine;

foreach (var markett in market)

{

textBlockXMLFileContent.Text += markett.ToString();

}

}

private void textBoxCountryName\_TextChanged(object sender)

{

if (string.IsNullOrEmpty(textBoxCountryName.Text))

{

PrintCountries(\_worker.GetAll());

}

}

private void buttonOpenFile\_Click(object sender, RoutedEventArgs e)

{

var dialog = new OpenFileDialog();

dialog.InitialDirectory = Directory.GetParent(AppContext.BaseDirectory).Parent.Parent.FullName;

dialog.DefaultExt = ".xml";

dialog.Filter = "Xml documents(.xml)|\*.xml";

var result = dialog.ShowDialog();

if (result.HasValue && result.Value)

{

\_xmlFilePath = dialog.FileName;

textBlockXMLPathFile.Text = \_xmlFilePath;

\_worker.Load(\_xmlFilePath);

PrintCountries(\_worker.GetAll());

}

}

}

Анализ результатов:

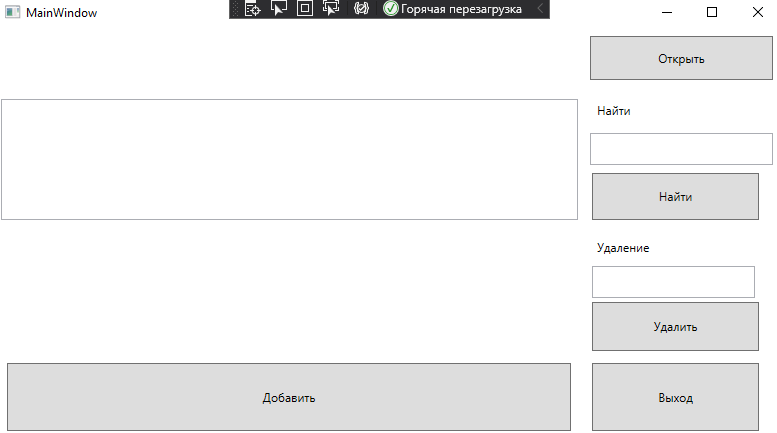


Рисунок 26.1 – Результат работы программы

Источник: собственная разработка