Understanding C# Slides API - FileFormat.Slides for .NET

Overview

FileFormat.Slides for .NET is an open-source API empowering developers to seamlessly handle PowerPoint slides in their .NET applications. Featuring a user-friendly API, it simplifies slide creation, loading, and manipulation, serving as a valuable tool for presentation automation and customization.

Whether your goal is to generate presentations, automate slide creation, extract data from slides, or perform advanced formatting tasks, FileFormat.Slides equips you with the necessary tools and capabilities. It abstracts the complexities of working with slides, enabling developers to focus on their application logic rather than the intricacies of slide processing.

System Requirements

To utilize this software, ensure your system meets the following requirements:

- **.NET Core 3.1 and above:** The application is built on the .NET Core framework, specifically targeting version 3.1 and newer. Make sure you have .NET Core installed on your machine before proceeding.

    - **Installation Instructions for .NET Core 3.1:** For detailed instructions on installing .NET Core 3.1, visit Microsoft's .NET Download page⧉.

    - **Compatibility Note:** The API is compatible with later .NET Framework versions starting from .NET Core 3.1.

Installation

FileFormat.Slides is available as a NuGet Package and can be installed in one of the following ways. Choose the installation method that best fits your workflow and project requirements.

Install via Nuget Console

To install FileFormat.Slides to the current directory using the Nuget Console, ensure you have the Nuget CLI installed. Execute the following command:

```
nuget install FileFormat.Slides ./OutputDir
```

Visual Studio Package Manager

1. Open Visual Studio.

2. Go to (**Tools > NuGet Package Manager > Package Manager Console**).

3. In the Browse tab, search for FileFormat.Slides.

4. Select the version and click "Install" to add it to your project.

```
Install-Package FileFormat.slides
```

Install from within Visual Studio

- Open Visual Studio.
- Go to **Tools > NuGet Package Manager > Manage NuGet Packages** for Solution.
- In the Browse tab, search for FileFormat.Slides.
- Select the desired version and click "Install" to add it to your project.

Namespace FileFormat.Slides

Classes

Image

This class represents the image within a slide.

Presentation

Represents the presentation document.

Slide

Represents the slide object within a presentatction

TextShape

This class represents the text shape within a slide.