**Skew Correction in Image Processing using C#**

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4. C# Skew Correction Image Processing API

For skew corrections, we will be using the Aspose.OCR for .NET API. The API allows performing OCR on scanned images, smartphone photos, screenshots, areas of an image, and scanned PDFs. It enables saving the recognized text results in popular document formats.

Please either download the DLL of the API or install it using NuGet.

PM> Install-Package Aspose.OCR

1. Detect Image Skew Angle in C#.

The API provides the CalculateSkew(string) method that calculates the skew angle of the provided source image. We can easily detect the skew angle of a text image by following the steps given below:

1. Firstly, create an instance of the AsposeOCR class.
2. Call the CalculateSkew() method. It takes the image path as an argument.
3. Finally, show the calculated skew angle.

A screenshot of a computer

Description automatically generated

1. For automatic skew correction, we can enable the RecognitionSettings.AutoSkew property in recognition settings by following the steps given below:
2. Firstly, create an instance of the AsposeOCR class.
3. Next, initialize an object of the RecognitionSettings class.
4. Then, set the AutoSkew property to true.
5. After that, call the RecognizeImage() method with the source image and RecognitionSettings object.
6. Finally, show the recognized text.

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