**Name**

Qasim Ijaz

**Roll no.**

BCSF17E002

**Class**

BSCS (7th Self)

**Project**

Image To Text Conversion

**Tittle**

Week 4 (Plane Submission)

**Sir**

Fahad Maqbool

## International Languages

Iron OCR supports ****125 international languages**** via language packs which are distributed as DLLs, which can be downloaded from this website, or also from the NuGet Package Manager for Visual Studio.

We can install them by browsing NuGet ([search for "IronOcr.Languages"](https://www.nuget.org/packages?q=IronOcr.Languages" \t "https://ironsoftware.com/csharp/ocr/tutorials/how-to-read-text-from-an-image-in-csharp-net/__blank)) or from the [OCR language packs page](https://ironsoftware.com/csharp/ocr/languages/" \t "https://ironsoftware.com/csharp/ocr/tutorials/how-to-read-text-from-an-image-in-csharp-net/__blank).

' using IronOcr;

' PM> Install IronOcr.Languages.Arabic

Dim Ocr = New IronTesseract()

Ocr.Language = OcrLanguage.Arabic

Using input = New OcrInput()

input.AddImage("img/arabic.gif")

' add image filters if needed

' In this case, even thought input is very low quality

' IronTesseract can read what conventional Tesseract cannot.

Dim Result = Ocr.Read(input)

' Console can't print Arabic on Windows easily.

' Let's save to disk instead.

Result.SaveAsTextFile("arabic.txt")

End Using

### OCR in more than one language in the same document.

In the following example, we will show how to OCR scan multiple languages to the same document.

This is actually very common, where for example a Chinese document might contain English words and Urls.

Imports IronOcr

Private Ocr = New IronTesseract()

Ocr.Language = OcrLanguage.ChineseSimplified

Ocr.AddSecondaryLanguage(OcrLanguage.English)

' We can add any number of languages.

' Optionally add custom tesseract .traineddata files by specifying a file path

Using input = New OcrInput()

input.AddImage("img/MultiLanguage.jpeg")

Dim Result = Ocr.Read(input)

Result.SaveAsTextFile("MultiLanguage.txt")

End Using