




The C# OCR Library

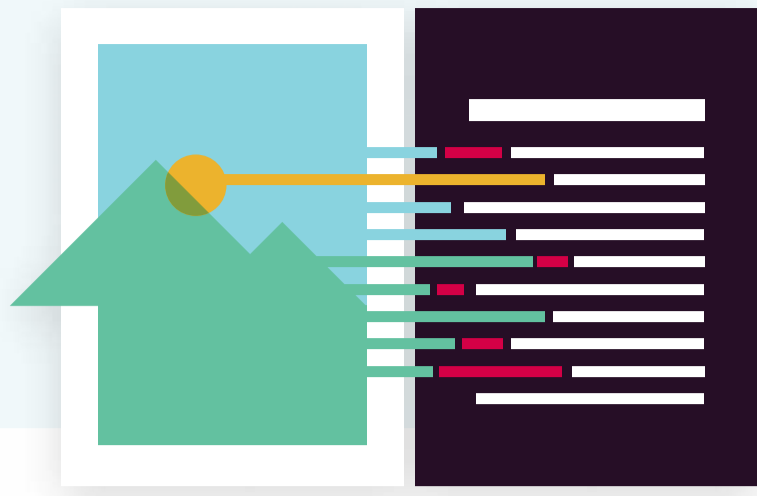
- # OCR for C# to scan and read images & PDFs
- # .NET OCR library with 127+ global language packs
- # Output as text, structured data, or searchable PDFs
- # Supports .NET 8, 7, 6, Core, Standard, Framework

 PM > Install-Package Iron0cr

ironsoftware.com/csharp/ocr

OCR in 1 line of code

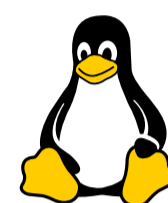
```
1. // Nuget PM > Install-Package Iron0cr
2.
3. using Iron0cr;
4.
5. var Result = new IronTesseract().Read(@"images\image.png").Text;
6.
```



Tesseract 5 OCR in the language you need. We support 127+.

Cross Platform Support

Designed for **C#, F#, & VB.NET** running on **.NET 8, 7, 6, Core, Standard, or Framework**



IronOCR Features

Compatibility

.NET Languages:

- C#, VB.NET, F#

Platforms:

- .NET 8, 7, 6 & 5
- .NET Core 2x & 3x
- .NET Standard 2
- .NET Framework 4.6.2+

App Types:

- Console, Web, & Desktop

Operating Systems:

- Microsoft Windows
- macOS
- Linux
- Docker
- Azure
- AWS

IDEs:

- Microsoft Visual Studio
- JetBrains ReSharper & Rider

Certification:

- Microsoft Authenticode

OCR Engine

Underlying OCR Engine:

- Tesseract 5 (Custom for .NET)

International Languages:

- 125 Languages
- High and Fast Quality
- Custom Languages

Text and Barcode Reading:

- Text and Numbers
- Multiple Languages at Once
- Barcodes

Specialist Documents:

- Receipts
- License Plate
- Passport
- Photo
- Screenshot

Concurrency:

- Single and Multithreading
- Async Support
- Suspend current thread
- Cancel OCR Reading

Computer Vision:

- Find text with trained models

OCR Input

Read from Many Formats:

- Images (jpg, png, gif, tiff, bmp)
- Multi-Page/Frame (tiff, gif)
- System.Drawing Objects
- Streams
- PDFs (optimized target DPI)

Filters:

- Filter Wizard (Find best filter combination)
- Image Correction (Sharpen, Enhance Resolution, Denoise, Dilate, Erode)
- Fix Image Orientation (Rotate, Deskew, Scale)
- Fix Image Colors (Binarize, Grayscale, Invert, ReplaceColor, SelectTextColor)

Apply a Crop Region:

- CropRectangle

OCR Result

Simple Data Output:

- .NET Text Strings
- Barcode and QR Data
- Images

Structured Data Output:

- Pages
- Blocks
- Paragraphs
- Lines
- Words
- Characters

Export Documents:

- Searchable PDFs
- hOCR Export
- HTML Export
- Page or Text as image
- Barcode or QR as Image

Highlight Text and Save:

- Characters, words, lines, and paragraphs

Status and Analytics:

- OCR Progress Tracking
- Result Confidence

This features table was updated November, 2024.
For the latest visit ironsoftware.com/csharp/ocr

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Single product licensed by developers, locations and projects



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Coverage based on number of developers, organization locations, and projects.

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			For best coverage consider Enterprise

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	<p>SDK Redistribution</p> <p>Not Available</p>	<p>SDK Redistribution</p> <p>\$7,999 for 500 API Deployments. Need More? Buy Enterprise</p>

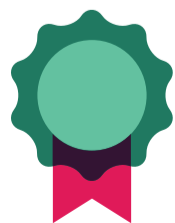
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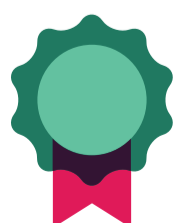
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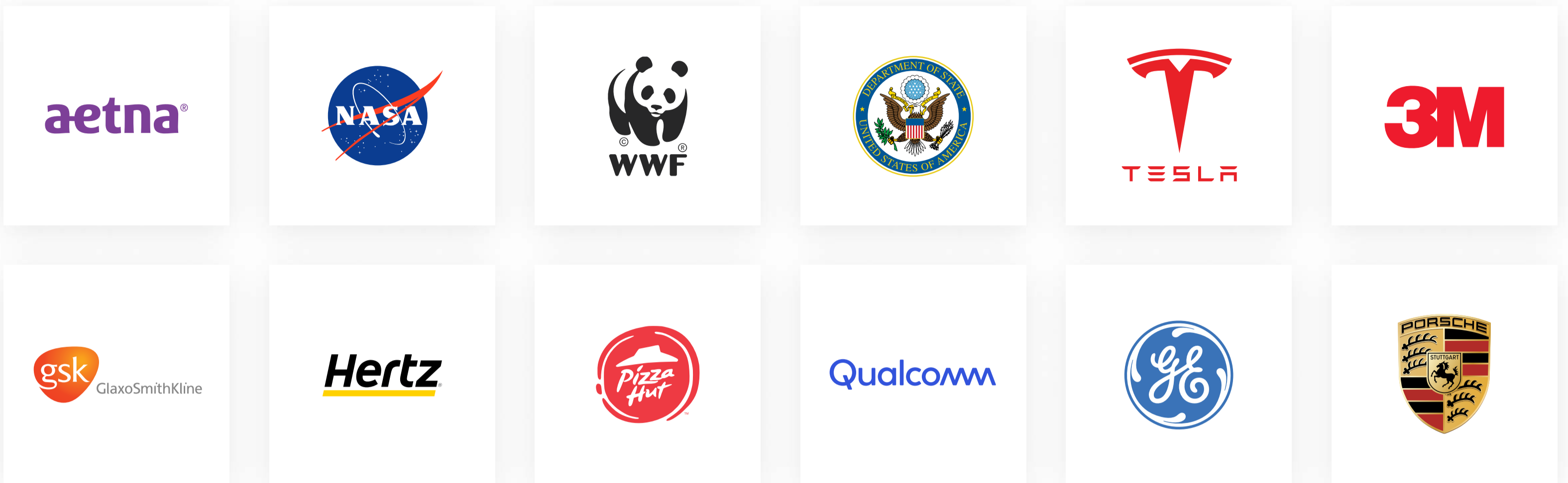
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- IRONQR** Read and write QR codes.
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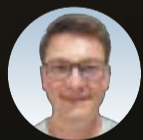
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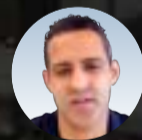
What Developers Say About Iron C# Libraries

My favorite library of this kind is IronPDF. It allows for fast and efficient manipulation of PDF files. It also has many valuable features, like exporting to PDF/A format and digitally signing PDF documents.



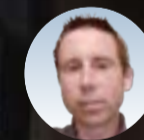
Milan Jovanović
Microsoft MVP

The IronSuite play a crucial role in our operations. These are tools that increase efficiencies across the business including creating floor plans and improving inventory management.



David Jones
Lead Software Engineer, Agorus Build

IronOCR means we can save \$40,000 annually from manual processing, while enhancing productivity and freeing up resources for high-impact tasks. I would highly recommend it.



Brent Matzelle
Chief Technology Officer, OPYN



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