



The C# Excel Library

- # Intuitive C# & VB.NET Excel Document API
- # No need to install Microsoft Office or Excel Interop
- # Read, edit & create Excel spreadsheet files
- # Fully supports .NET 8, 7, 6, Core, Framework, and Azure

 PM > Install-Package IronXL.Excel

ironsoftware.com/csharp/excel

Read Excel Files without Interop

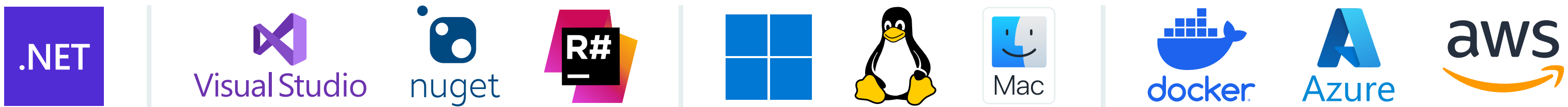
```
1. // using IronXL;
2. using System.Linq;
3.
4. //Supported spreadsheet formats for reading
5. include: XLSX, XLS, CSV and TSV
6. Workbook workbook = Workbook.Load("test.xlsx");
7. Worksheet sheet = workbook.WorkSheets.First();
8.
9. //Select cells easily in Excel notation and return
10. the calculated value
11. int cellValue = sheet["A2"].IntValue;
12.
13. // Read from Ranges of cells elegantly.
14. foreach (var cell in sheet["A2:A10"])
15. {
16.     Console.WriteLine("Cell {0} has value '{1}'",
17.         cell.AddressString, cell.Text);
```



The Excel API you need, without the Office Interop hassle.

Cross Platform Support

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



IronXL Features

Compatibility	Workbooks	Worksheets	Cell Ranges
<div>.NET Languages:<ul style="list-style-type: none">C#, VB.NET, F#</div> <div>Platforms:<ul style="list-style-type: none">.NET 8, 7, 6 & 5.NET Core 2x & 3x.NET Standard 2.NET Framework 4.6.2+</div> <div>App Types:<ul style="list-style-type: none">Console, Web, & Desktop</div> <div>Operating Systems:<ul style="list-style-type: none">Microsoft WindowsmacOsLinuxDockerAzureAWS</div> <div>IDEs:<ul style="list-style-type: none">Microsoft Visual StudioJetbrains ReSharper & Rider</div> <div>Certification:<ul style="list-style-type: none">Microsoft Authenticode</div>	<div>Create or Load Spreadsheets:<ul style="list-style-type: none">XLSXLSX, XSLT, XLSMCSVTSV</div> <div>Save or Export Formats:<ul style="list-style-type: none">XLSXLSX, XSLT, XLSMCSVTSVJSONHTMLBinaryByte Array</div> <div>System.Data Objects:<ul style="list-style-type: none">Import and export as DataSet or DataTable</div> <div>Edit Workbooks:<ul style="list-style-type: none">MetadataPermissions & PasswordsCreate and Remove WorksheetsSet Sheet PositionSet Active Tab</div>	<div>Edit Formulas:<ul style="list-style-type: none">Works with Excel formulasRecalculation on sheet edit</div> <div>Sort Data:<ul style="list-style-type: none">RangeColumnRow</div> <div>Create and Edit Charts:<ul style="list-style-type: none">Area, Bar, Column, Lines, Pie, Scatter</div> <div>Edit Layout:<ul style="list-style-type: none">Freeze PanesAutosize Rows/ColumnsAdd and Remove Rows/Columns</div> <div>Edit Worksheets:<ul style="list-style-type: none">Duplicate WorksheetsProtect with PasswordGroup and UngroupAdd , Remove, and Extract Images</div>	<div>Cell Range Functions:<ul style="list-style-type: none">SortTrimClearCopyFind and ReplaceSet HyperlinksMerge and Unmerge Cells</div> <div>Style Cells:<ul style="list-style-type: none">Font and SizeBorder and AlignmentBackground PatternConditional Formatting</div> <div>Maths Functions:<ul style="list-style-type: none">Average and SumMin and Max</div> <div>Set Cell Data Formats:<ul style="list-style-type: none">Text, Number, Formula, Date, Currency, Scientific, Time, Boolean, Custom Formats</div>

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

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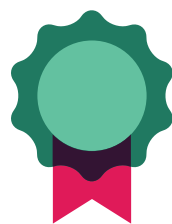
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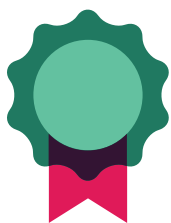
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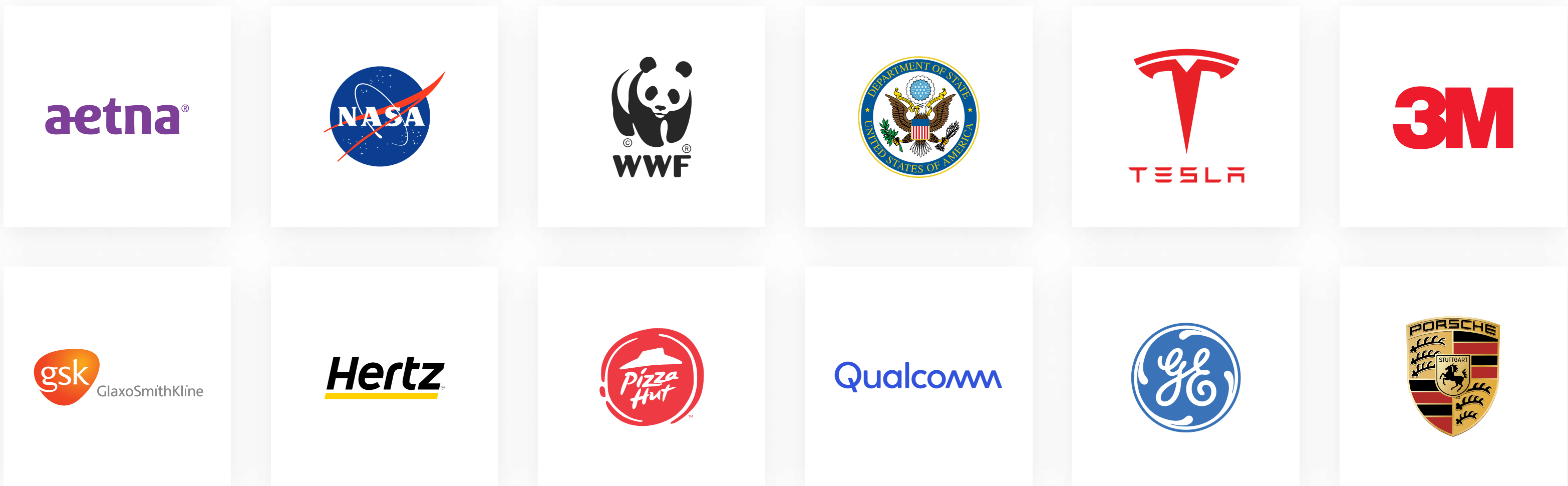
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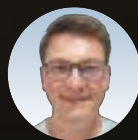
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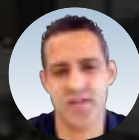
What Developers Say About Iron C# Libraries

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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