New in Version 1.68.1:

+ Upgraded .Net Core to 8.0

* Minor bug fixes

New in Version 1.68:

+ Added new function: RegionContainsImages

* Minor bug fixes

New in Version 1.67:

+ Extraction of images from PDFs. New IvyImage collection.

+ OCR support via Tesseract library. Added Image.OCR() function and OCR parameters to PdfReadOptions

+ IvyUIElements.dll provided for netstandard version

+ Minor UI improvements – parallel loading, search the grid, row numbers in the results window

+ MatchesPattern function now supports escaping special characters

- Change in default token merge logic. Merging tokens having different fonts is now allowed. It fixes issues spotted in some documents, but may break extraction for others.

New in Version 1.66:

+ Moved some code into new library IvyUIElements.dll, allowing to re-use UI forms in custom applications

+ Added option TableKeepCurrentPosition to IvyOptions class, so it can be set globally

New in Version 1.65:

+ Added option "KeepCurrentPosition" to Table() and Grid() functions

+ Added new function: Backtrack()

New in Version 1.64.3:

+ Expanded DLL search locations to allow IvyPdf work in Azure Functions environment

New in Version 1.64.2:

- Minor bug fixes

New in Version 1.64.1:

- Fixed issue with reading Excel files in .Net Core

- Fixed issue with referencing custom DLLs in .Net Core

- Fixed issue with some PDFs that return negative page size

- Fixed issue with exporting tables containing null values to Excel

New in Version 1.64:

+ Added option TokenMergeTolerance to adjust automatic token merge logic

+ Added separate .Net Core executable

- Minor bug fixes

New in Version 1.63:

+ Added support for .xlsb files (Excel Binary Workbook file)

New in Version 1.62.2:

- Fixed issue with saving to Excel

New in Version 1.62.1:

- Fixed issue with empty references in cid fonts affecting some PDF documents

New in Version 1.62:

+ Added search "Trace" to see all the tokens found during code execution

+ Added new functions: FindRegex(), Find3rd()

- Fixed issue with some documents having non-standard page rotation

- Minor bug fixes

New in Version 1.61.5:

- Fixed issue with documents having corrupt Annotations collection

- Fixed preview issue with Excel files having too many columns

New in Version 1.61.4:

- Fixed issue with type 1 fonts missing descriptor information

New in Version 1.61.3:

+ Command line option "-o" now supports multiple files (pipe-delimited)

New in Version 1.61.2:

- Fixed issue with page structure error in some documents

New in Version 1.61.1:

- Fixed issue with incorrect scaling of rectangular shapes in some documents

New in Version 1.61:

- Numerous fixes to the underlying PDF parsing engine.

+ Additional performance and stability improvements.

+ Basic support for extraction of PDF annotations (PDF forms, overlays and other content)

New in Version 1.60:

This version is focused on transition to .Net Core and performance improvements.

+ Compatibility with .Net Standard 2.0

+ New PDF parsing engine – faster reading PDFs.

+ New IPB format (old one is still supported) – faster loading of IPB files.

+ Switched to Roslyn engine to run templates.

+ Improved template code generation, caching field values. Templates are running faster now.

+ Added support for text color: Token.Color, Token.Black and Token.Grey properties.

New in Version 1.50:

+ Added PdfReadOptions parameter and “Options” form to the Ivy Template Editor

+ Added new function: RegionContainsLines

- Fixed issue with reading curve objects

- Various bug fixes

New in Version 1.49:

+ Reading line objects from PDF substreams, which were previously ignored

+ Accounting for line objects in token layout logic (not merging tokens separated by lines)

+ Added support for “Sections” to split and filter parts of the documents. New functions: Split, FilterSection, FilterSections,

+ Added new functions: Token.Next(), Token.Prev(), FilterEnclosedArea, Subset, MergePages

-Fixed issue with Table() function for multi-page tables separated by row lines

- Various bug fixes and stability improvements

New in Version 1.48:

+ Added “external code modules”, making it easier to share code between template libraries

+ Added logic to automatically remove font shadows (in PDFs shadows are created by printing same text twice with slight offset, which previously resulted in doubled letters)

- Fixed issue with incorrect font scaling in some PDFs

New in Version 1.47:

+ Added ability to separate table rows by lines

+ Field description is now included in the XML/Json output and template run results

- Various bug fixes and stability improvements

New in Version 1.46:

- Fixed bug that prevented Ivy to run on some machines without admin rights

+ Added set of pattern (wildcard) matching functions. FindPattern, FilterTextPattern and so on

+ Added set of extension methods: ContainsColumns, SelectColumnsAs and many methods based on pattern matching (SelectColumnsPattern, DeleteColumnsPattern and so on)

New in Version 1.45:

+ Added support for parsing Excel and CSV files via full-featured DataSetParser and UI preview

+ Added support for parsing text/html files

+ TemplateBase code is now exposed in the Code Modules list, enabling further customization

+ Added “Parse()” table extension method

New in Version 1.44:

- Fixed page scroll bug

- Fixed bug with comments containing pipe character

+ Added function “SelectRowsContainingText”

New in Version 1.43:

-Fixed issue with template deletion

- Fixed issue with apostrophes in code

- Fixed issue with ReplaceText function

+ Code optimizations and performance improvements

New in Version 1.42:

+ Added “Bulk File Processing” form

+ Added IvyOptions class to set global parsing options

New in Version 1.41:

+ Changed token layout logic

New in Version 1.4:

+ New dockable UI with improved template management

+ Improved Linq support

New in Version 1.32:

+ Improved table recognition algorithm.

+ Improved UI – allows to test various table options, shows column borders (resizable)

New in Version 1.3:

+ IvyPDF now is reading lines from PDF. Lines can be used by Table() and Grid() methods using these options:

PdfTableOptions.HeaderSeparatedByLine

PdfTableOptions.ColumnsSeparatedByLines

+ Table columns can be specified by exact position:

PdfTableOptions.ColumnBorders

+ Table “end position” can be determined when distance between rows becomes larger than a predefined value:

PdfTableOptions.MaxRowHeight

+ Added export to XML

+ Command-line processing is now done by a separate executable – IvyTemplate.exe

+ Templates functionality can be used from .Net directly, using IvyTemplateLib.dll

+ Token operator overload – tokens can now be added/subtracted/multiplied/etc directly

+ DataTable.Update extension method