



# Release Notes

## Classic PDF Tools

### Version 2.37

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## 1 Overview

The Classic PDF Tools represent the original product line from PDF Tools AG. The Classic PDF Tools are available as programming libraries (APIs) and command line shell scripts. The tools allow for a wide variety of manipulation of PDF files including merging, splitting, form filling, extracting information, conversion, and optimization.

## 2 Technical Support

Please report and problems by contacting our support department by mail:

<mailto:pdfsupport@pdf-tools.com>

## 3 How to Download

The Classic PDF Tools can be downloaded from the product description pages on our website. There is no charge for downloading evaluation versions (valid for a 30 day limit).

<http://www.pdf-tools.com/asp/products.asp>

## 4 System Requirements

All of the Classic PDF Tools are available for:

- Windows 9x, NT, 2000, XP, 2003 on Intel
- AIX 4.3, 5.1
- Sun Solaris 2.7
- HP-UX 11.0
- Mac OS/X
- Linux (Redhat, SuSE)
- Free BSD (on demand)

Please refer to the ordering information on the individual product pages to determine which version of the platform each tool is available for.

## 5 Compiler Versions

The release kits are generated with the following compiler versions:

| <b>Platform</b>    | <b>C/C++</b> | <b>Java</b> |
|--------------------|--------------|-------------|
| WIN32              | MSVC 6.0     | 1.4.1       |
| MAC OS X           | gcc 2.95.2   | 1.3.1       |
| SuSE Linux/Intel   | gcc 3.2      | 1.4.1       |
| Redhat Linux/Intel | gcc 3.2.2    | 1.4.1       |
| FreeBSD            | gcc 2.95.4   | 1.3.1       |
| Sun Solaris 2.7    | gcc 3.3.2    | 1.2.1       |
| AIX 4.3            | gcc 3.0.1    | 1.3.0       |
| AIX 5.1            | gcc 3.3.2    | 1.3.0       |
| HP UX 11.0         | gcc 3.3.2    | 1.2.2       |

## 6 New Products

No new Classic PDF Tools have been added with this release.

## 7 New Features to existing Products

### 7.1 *PDF Command Line Tools and CLT Enhanced (CLT/CLE)*

Detailed changes to individual components:

- pdbm
  - new option -n1 for printing an additional leading hyphen
- pdcat
  - copying of NeedAppearances and CO entries of AcroForm object
  - copying/merging of all non-standard Catalog entries added
  - option for resolving named destinations added
  - fix for saving/restoring graphics state when placing logos added
- pdcrop
  - New tool added
- pdform
  - form field listing extended by page number
- pdsplit
  - new options -l (restrict number of levels) and -m (exclude bookmarks on levels above certain threshold), -z (use title of lowest bookmark level)
- pdstamp
  - new feature "page removal" + "background" + "page numbering" + "\ in stamp text" + "right adjustment" + "alpha transparency for stamp texts" + "image stamps (professional version only)" + "revert stamp"
- pdwebl
  - ignore spaces when matching text
- pdxt
  - security support added (with CLE suite)

### 7.2 *PDF Prep Tool and Prep Tool Enhanced (PT/PTE)*

Detailed changes and additions:

1. New function added: SaveFileAttachment
2. New function added: AddFileAttachment
3. PrintLogo: page number changed to 32-bit value instead of 16-bit
4. SetLogo: new PTClipType parameter added to control which box type is applied for clipping
5. CreateImage: new parameter for passing a soft mask added (+ corresponding support in DIB tool)
6. AddFieldFromLogo: new parameter for renaming the field added
7. New function added: SetFormFontSizeRange to limit the font sizes for auto-sized form fields

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8. New function added: InputCopyCustomObj feature to merge JavaScript resources; returns error pdAlreadyWritten when duplicate JavaScript names are encountered

### **7.3 PDF Library and Library Enhanced**

#### General Changes

1. There is a new header file pdpch.h to support precompiled headers.
2. Single threaded static libraries dropped (LIB, LBE: pdlib.lib, pdlbe.lib)

#### Changes to specific functions

- |          |  |
|----------|--|
| pdfile   | <ul style="list-style-type: none"><li>• output file locking on UNIX - avoids overwriting the same file when running concurrently</li><li>• I/O on Windows implementation changed to direct Win32 API calls instead of C runtime library because of problems with large files exceeding 3GB in size</li><li>• xref parsing improved to deal with PDF files that do not strictly follow the standards</li><li>• support for security flag X = 0x40 (disable "Save" button in Acrobat 5 browser plug-in)</li><li>• support for setting security flags as hexadecimal value (e.g. "HFFFF")</li></ul> |
| pdglyphs | <ul style="list-style-type: none"><li>• "emdash" added to UNICODE list</li></ul>   |
| pdlinear | <ul style="list-style-type: none"><li>• sequence of object types changed to: resources, contents, xobjects</li><li>• leave Metadata stream uncompressed</li></ul>  |
| pdoutln  | <ul style="list-style-type: none"><li>• option added to resolve named destinations when copying bookmarks</li><li>• extraction of file name parameter of Launch actions in bookmarks fixed</li><li>• robustness improved for dealing with corrupted bookmark trees</li></ul>   |
| pdpage   | <ul style="list-style-type: none"><li>• robustness improved for dealing with corrupted Pages trees</li><li>• support added for additional AcroForm entries ("NeedAppearances", "CO", ..)</li><li>• support added for creating link annotations with "XYZ" destination</li><li>• support added for adding file attachments</li><li>• support added for retrieving file attachment data</li></ul>  |

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- new method PDPage::GetBleedBox()
- JavaScript merging (named JavaScripts from different input files are merged in the same way as named destinations)
- pdparse
  - parsing of number tokens improved
  - parsing of streams with incorrect Length attribute improved
- pdprep
  - new: AddFileAttachment, IdocSaveAttachment
  - new parameter "newName" in method PdocAddFieldFromLogo
  - new: PConSetFillAlpha, PconSetStrokeAlpha
  - new "cliptype" parameter for creating logos
- pdptdoc
  - font size and text wrap calculation for multiline form fields added
  - TrimBox used for Logo functions
  - new: SetPageSize(float,float)
  - propagate "NeedAppearances" attribute in AcroForm object
  - SetMetaData: leave stream uncompressed
  - Date format and content changed to GMT
  - support for creating images with soft masks added
  - new: PTPrintDoc::InputCopyAll() (C++)
- pdtext
  - support for character code lookup in DifferenceEncodings added (permits use of such encodings in font templates)
- pdutext
  - WinAnsi to PDFDocEncoding support for correctly rendering special characters in bookmarks (e.g. emdash)

## 8 About PDF Tools AG

PDF Tools AG ([www.pdf-tools.com](http://www.pdf-tools.com)) is a world leader in PDF (Portable Document Format) programming technology, delivering reliable PDF products to international customers in all market segments.

PDF Tools AG provides server-based software products designed specifically for developers, integrators, consultants, customizing specialists and IT-departments. Thousands of companies worldwide use our products directly and tens of thousands more use the technology indirectly via our growing network of OEM partners. The tools can be easily embedded into application programs and are available for a multitude of operating system platforms.