SEALSYSTEMS
ENTERPRISE OUTPUT SOLUTIONS

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1 Version 4.0.2

1.1 Module General

bug-fix - libraries on Linux

- The linking of the APDFL libraries on Linux has been fixed.
  PDF-974 20.10.2026 10:30:15

bug-fix - memory usage

- Bugs with increased usage of memory and crashes have been fixed.
  PDF-943 15.01.2026 16:44:09

2 Version 4.0.1

2.1 Module pdf2struct

- pdf2struct crashed with embedded files or attachments having blanks in their names or file extensions. The bug has been fixed. bug-fix - blanks
  PDF-875 22.02.2024 16:37:18

3 Version 4.0.0

3.1 Module General

bug-fix - large files

- pdfjoin crashed when processing large files with structural problems. The bug has been fixed by activating the PDInsertDoNotResolveInvalidStructureParentReferences flag by default. Via the PDFJOIN_DONOTRESOLVEINVALIDSTRUCTUREPARENTREFERENCES=0 environment variable, the flag can be deactivated.

  PDF-917 04.03.2025 14:10:09

bug-fix - object compression

- With APDFL 18, PDF/A files are no longer compatible due to object compression. The compression is now deactivated as soon as a PDF/A input file is recognized.

  PDF-915 18.02.2025 13:51:43

bug-fix - PageLabels

- The "PageLabels" field was deleted in the output file when pdfarrange was executed with APDFL 18. The bug has been fixed.

  PDF-914 18.02.2025 11:23:01

new - deprecated

- The following PDF Tools are deprecated or have been replaced by other tools: - fixfontbox is deprecated and no longer delivered as of release 3.6.0. - pdf2p21 has been replaced by pdfbooklet and is no longer delivered as of release 3.7.0. - pdf2pdf is deprecated and no longer delivered as of release 3.6.0. - pdfaddpage has been replaced by pdfduplex and is no longer delivered as of release 3.7.0. - pdfarrange is deprecated and no longer delivered as of release 3.7.0. - pdfcrypt has been replaced by pdfauthorize. - pdfdck is deprecated and no longer delivered as of release 3.6.0. Cover sheets are created in other ways, for example, via JasperReports or as PDF files that are stamped. - pdferrsheet is deprecated and no longer delivered as of release 3.7.0. Error sheets are created in other ways, for example, via JasperReports or as PDF files that are stamped. - pdfmerge has been replaced by pdfjoin or pdfinsertdoc and is no longer delivered as of release 3.6.1. - pdfmeta has been replaced by pdfxmpmeta. - pdfsetparms has been replaced by pdfxmpmeta and is no longer delivered as of release 3.7.0. - pdfsethyperlinks is deprecated and no longer delivered as of release 3.6.0. - pdfsplit has been replaced by splitpdf and is no longer delivered as of release 3.7.0. - pdfversion has been replaced by pdfprae and is no longer delivered as of release 3.7.0. - tiff2pdfc has been replaced by the ltiff2pdf raster tool.

  PDF-900 25.10.2024 12:22:27

new - APDFL 18

- pdfstamp and pdfstamphft have been generated using Adobe Library (APDFL) 18 to fix stamping bugs.

  PDF-907 19.01.2024 11:23:31

- Adobe PDF Library (APDFL) from Datalogics has been updated to the version 18.

  PDF-897 17.10.2024 15:37:35

- The "Warning: Invalid memory allocation 0 fixed" warnings have been removed. If a PDF tool for monitoring a timeout was called via system-call.exe (Windows) and output many of these messages, this could increase the processing time.
  PDF-909 14.11.2024 15:53:24

new - removed warnings

3.2 Module gif2pdfc

- With the gif2pdfc tool, version 3.12, the handling of erroneous GIF files has been improved. Instead of outputting the "Error in getting DataBlock size" or "Error in reading DataBlock" error messages in an endless loop, the program terminates with the return code 24.
  PDF-913 12.02.2025 09:13:17

new - erroneous GIF file

3.3 Module pdfocrpdf

- The pdfocrpdf program could crash with PDF files having more than 1000 pages. The bug has been fixed.
  PDF-911 07.01.2025 16:50:03

bug-fix - crash with too many pages

- In some situations, the pdfocrpdf program with the -onlytext option did not rotate the pages correctly. The bug has been fixed.
  PDF-866 09.01.2024 17:33:26

bug-fix - rotation

4 Version 3.7.1

4.1 Module pdf2ps

bug-fix - transparency

- The PDF tool pdf2ps can provide the same quality under Linux as under Windows when using transparencies. Under Linux, texts that use the Helvetica font may be missing if Helvetica fonts such as /usr/share/fonts/truetype/Adobe-Helvetica-Regular.otb are installed.
  PDF-880 08.05.2024 11:29:25

4.2 Module pdf2struct

new - delete file attachment annotation

- So far, attachments that were attached via file attachment annotations were not removed from the main document. Using the new item StripAnnotations=yes in the configuration file, these can be removed. Default is StripAnnotations=no. Hint: With SkipAnnotations=yes, the complete file attachment annotation is deleted and not only the attached file. The layout of the annotation and the texts related to it are also deleted.
  PDF-865 21.11.2023 18:24:11

4.3 Module pdfauthorize

bug-fix - crash

- PDF forms that were flattened by the xfa2pdf program generated an error when applying a protection with the pdfauthorize program. The bug has been fixed.
  PDF-886 13.03.2024 13:39:05

4.4 Module pdfcopycatalog

bug-fix - infinite loop

- The pdfcopycatalog program in the 64 bit version was not terminated in some situations. The bug has been fixed with pdfcopycatalog V 1.9.1.
  PDF-879 31.01.2024 18:37:25

4.5 Module pdfprae

bug-fix - structure error

- Possible PDF structure errors have been fixed as the spaces in the INI file created by pdfprae have been restored.
  PDF-895 06.09.2024 17:53:09

4.6 Module pdfstamp

bug-fix - rotation

- The bug with calculating the rotation and the offset for 180 degrees has been fixed.
  PDF-883 07.05.2024 14:24:59

bug-fix - page number

- The bug with stamping the page number has been fixed.
  PDF-876 15.03.2024 11:41:19

- The usage contains the verbose option (-v). bug-fix - usage
  PDF-893 14.08.2024 14:43:43

5 Version 3.7.0

5.1 Module General

new - icuuc40.dll

- The icuuc40.dll library has been updated to the version 4.0.1.0.
  PDF-861 19.10.2023 10:11:34

new - pdfconvert

- The new pdfconvert tool is available via which PDF files can be scaled and rotated as it is done so far in gXnetplot using gXconvert and pdfgxc. Stamping, which is possible there, is not supported by pdfconvert. The pdfconvert tool is used by PLOSSYS 5.
  PDF-824 08.12.2022 11:45:06

new - signature

- The PDF Tools binaries are signed to prevent antivirus scanners from deleting them.
  PDF-859 18.09.2023 11:44:14

new - directory structure

- The storage of the PDF Tools binaries has been changed for Windows and Linux: The 64 bit binaries are stored in bin_winnt5 and bin_linux223, the 64 bit libraries remain in the x64 folder. The 32 bit binaries are stored in the x86 folder, the 32 bit libraries remain in bin_winnt5 and bin_linux223.
  PDF-810 24.06.2022 09:19:38

5.2 Module pdfauthorize

bug-fix - sigFlags

- The access to the optional SigFlags field in the PDF structure has been corrected.
  PDF-848 18.07.2023 12:33:52

5.3 Module pdfconvert

bug-fix - rotation

- pdfconvert V 1.1.0.0 possibly did not rotate correctly with automatic rotation and mode fit, fitmediasize or fitprintarea. The bug has been fixed with pdfconvert V 1.1.1.0.
  PDF-863 20.11.2023 16:50:33

new - role format

- pdfconvert supports role formats. In the PPD file, a size of 0 has to be specified for the feed direction.
  PDF-835 26.04.2023 11:06:34

new - page sizes

- pdfconvert expects the medium size with the size specification of a format an no longer the size of the printable area.
  PDF-830 17.03.2023 12:36:16

new - scaling factor

- With pdfconvert, a scaling factor can be specified with -s <value>.
  PDF-844 04.07.2023 10:03:27

new - scaling methods

- With pdfconvert, new scaling methods can be specified with -m <mode>: fitMediaSize, fitPrintArea, clip, fillFit, fill
  PDF-845 04.07.2023 16:03:09

6 Version 3.6.1

6.1 Module ltiff2pdf

- The ltiff2pdf program will no longer be delivered with the pdf package but with the rc package.
  PDF-836 02.05.2023 13:37:13

new - ltiff2pdf

6.2 Module pdf2ps

- As of version 3.31, pdf2ps.exe provides the new -ppd parameter via which a PPD file is taken into account with the conversion.
  PDF-802 07.04.2022 12:09:47

new - PPD file

6.3 Module pdfattach

- With pdfattach.exe, the modification date of attachments can be changed. For this, an item formatted as {{ModDate "D:YYYYMMDDHHmmnnOHH'mm'"}} has to be added to the configuration file for the correspondent attachment (YYYY for the year, MM for the month (01 - 12), DD for the day (01 - 31), HH for the hour (00 - 23), mm for the minute (00 - 59), SS for the second (00 - 59), nn for the millisecond (00 - 99), O for the relation to UTC (+ or -), HH followed by an apostrophe for the hour difference to UTC (00 - 23), mm followed by an apostrophe for the minute difference to UTC (00 - 59))
  PDF-828 03.03.2023 08:22:11

new - modification date of attachments

6.4 Module pdfstamp

- The bug with the "Error Nr.: Error 23 while stamping." message in SAP and the "Error stamping PDF APDFL: A number is out of range." message in DPF Tracker when stamping especially large and complex PDF files has been fixed by updating the Adobe PDF Library (APDFL) to the 15.0.4PlusP8k version.
  PDF-825 07.10.2022 09:11:40

bug-fix - stamp

6.5 Module xfa2pdf

- The bug that texts were lost when converting XFA PDF documents into AcroForm PDF documents has been fixed.
  PDF-792 08.02.2022 16:21:01

bug-fix - missing texts

7 Version 3.6.0

7.1 Module General

new - obsolete/ removed

- The following PDF tools are no longer included in version 3.6.0: fixfontbox, pdfdck, pdfgxchft, pdfsethyperlinks. The following PDF tools are obsolete, i. e. still available in this version but no longer included in the next version: pdf2p21 (replacement: pdfbooklet), pdfaddpage (replacement: pdfduplex), pdfarrange, pdferrsheet, pdfmerge (replacement: pdfjoin or pdfinsertdoc), pdfsetparms (replacement: pdfcxmpmeta), pdfversion (replacement: pdfprae).

  PDF-689 24.05.2018 10:40:45

new - signed PDF files

- As of the version 1.1.1 of pdfinsertdoc, signed PDF files are supported completely.

  PDF-813 13.07.2022 15:59:31

7.2 Module pdf2ps

new - irrelevant errors

- As of version 3.30, irrelevant errors are ignored.

  PDF-628 19.08.2016 14:26:38

7.3 Module pdf2struct

bug-fix - temporary files

- As of version 1.2.2, temporary files are reliably deleted.

  PDF-780 03.08.2021 17:19:46

7.4 Module pdfarrange

bug-fix - static XFA

- The bug that erroneous PDF files were created with static XFA has been fixed. However, the dynamic data could be incomplete. We recommend preparing XFA PDF files using flattening.

  PDF-767 31.03.2021 16:58:31

7.5 Module pdfattach

bug-fix - relationship

- As of version 1.6.2, "Unspecified" is used instead of "unspecified" as default for the relationship.

  PDF-789 13.01.2022 17:48:28

bug-fix - Unicode

- The bug with Unicode encoding when replacing attachments has been fixed.

  PDF-804 26.04.2022 15:43:16

new - resolve attachment

- As of pdfattach 1.6.3, the -d program parameter for deleting a specific attachment is available.

  PDF-800 28.03.2022 14:18:32

7.6 Module pdfauthorize

- For pdfauthorize, two new parameters concerning the encryption are available: -what specifies the level of the encryption (available values: all, attachmentonly, nometadata; default: all). -method specifies the encryption method (available values: rc4, aes1, aes2, aes3; default: rc4).
  PDF-801 01.04.2022 10:03:38

new - control encryption

7.7 Module pdfcollect

- As of pdfcollect 1.0.4.0, launch actions are handled in addition to the link actions.
  PDF-770 27.04.2021 12:31:50

new - launch action

7.8 Module pdfexpand

- With PDF portfolios, the result is listed in the same order as in Adobe Reader. Temporary files are reliably deleted.
  PDF-775 22.06.2021 11:16:40

bug-fix - portfolio

7.9 Module pdfjoin

- The "bad parameter" bug in APDFL has been fixed.
  PDF-784 20.10.2021 15:31:40

bug-fix - bad parameter

- As of pdfjoin 3.57, launch actions are handled in addition to the link actions.
  PDF-771 03.05.2021 16:28:05

new - launch action

- By default, NamedDestinations are no longer resolved. The PDF_DONT_RESOLVE_NAMED_DESTINATIONS key is no longer supported. Setting the new PDF_RESOLVE_NAMED_DESTINATIONS key, NamedDestinations can be resolved explicitly.
  PDF-757 30.09.2020 17:13:39

new - NamedDestinations

7.10 Module pdfocrpdf

- As of version 3.22, ABBYY12 is supported.
  PDF-777 12.07.2021 08:55:20

new - ABBYY12

7.11 Module pdfprae

- As of version 3.44, PDF files having an AcroForm item in the Catalog dictionary are no longer output as AcroForm if the fields item is empty. In these cases, NotAForm is output as with normal PDF files.
  PDF-797 22.02.2022 14:47:02

new - AcroForm

7.12 Module pdfsetscale

bug-fix - pattern

- As of version 3.24, the bug with pattern with general transformations such as scaling, window clipping or border has been fixed.
  PDF-790 20.01.2022 14:51:04

7.13 Module pdfstamp

bug-fix - dash pattern

- The bug with large dash patterns has been fixed.
  PDF-694 23.07.2018 14:31:27

bug-fix - signed PDF file

- As of version 3.93, signed PDF files are saved with a modified save flag.
  PDF-816 01.08.2022 17:14:17

new - logo

- The example stamp file, default.stp, uses the new logo of SEAL Systems.
  PDF-785 21.10.2021 17:17:30

new - line break

- As of version 3.83, pdfstamp and pdfstamphft support line breaks in stamp texts. The line break is activated by specifying Y with the TX_LINEBREAK box option. Default is N, i. e. no line break. If TX_LINEBRAK has been set to Y, BO_WIDTH is used for determining the maximum width. The line is broken at the word boundary. In the stamp text, the line break is specified with \n. The value of BO_HEIGHT is adjusted accordingly. The line distance is specified via the TX_LINEDISTANCE option (default 0.0). If the text is wider than BO_WIDTH after the line break, the text size will be reduced if BO_ADAPT_TEXT_TO_FRAME=Y. Otherwise, the text goes beyond the width specified by BO_WIDTH and BO_WIDTH is increased accordingly.
  PDF-793 11.02.2022 10:49:34

7.14 Module pdfxmpmeta

bug-fix - Unicode

- As of version 1.2.7, bugs concerning the Unicode encoding have been fixed.
  PDF-788 10.01.2022 18:04:23

7.15 Module splitpdf

bug-fix - error messages

- The error messages have been improved.
  PDF-791 07.02.2022 15:53:27

bug-fix - page selection

- As of version 1.2.0.0, InsertFlag All in splitpdf.cfg no longer is supported. The All value caused the page selection to be executed incorrectly.
  PDF-794 16.02.2022 14:38:05

7.16 Module xfa2pdf

bug-fix - missing objects

- As of version 1.2.0.1 and FE 2.0.1, the bug with displaying missing graphical objects has been fixed.
  PDF-782 14.09.2021 11:49:29

bug-fix - merge

- The bug with merging PDF files containing XFA has been fixed.
  PDF-799 23.11.2021 14:54:23

- As of version 1.2.1.0, the -a option is available for converting AcroForm PDF files into normal PDF files. new - AcroForm

  PDF-765 22.03.2021 15:29:43

8 Version 3.5.1.5

8.1 Module xfa2pdf

bug-fix - date in XFA
- Date fields in XFA are output correctly in the converted PDF file.
  PDF-749 06.08.2020 10:27:09

bug-fix - date format
- The date format remains with the conversion.
  PDF-769 27.04.2021 10:32:28

bug-fix - missing text
- Missing texts are output correctly.
  PDF-750 06.08.2020 10:37:37

bug-fix - missing date field
- Missing date fields are output correctly.
  PDF-763 04.03.2021 08:35:32

bug-fix - flattening
- The flattening process generates a correct result.
  PDF-752 06.08.2020 11:16:29

bug-fix - XFA flattening
- The bug with flattening XFA ODF files has been fixed.
  PDF-747 06.08.2020 09:31:25

9 Version 3.5.1.4

9.1 Module General

- The PDF Tools, version 3.5.1.4, have been created using the Adobe Library APDFL15.0.4p7n.
  PDF-760 18.11.2020 08:29:52

new - Adobe Library APDFL15.0.4p7n

9.2 Module pdfbookm

- Line break in PDF bookmark, \n and \r, are escaped with <BR> if they are written into a text file by specifying the -print option. This <BR> is interpreted as line break again when reading and writing the PDF file.
  PDF-766 23.03.2021 14:24:30

bug-fix - CR in bookmark

9.3 Module pdfsplit

- Using the Adobe library APDFL 15.0.4.p7n, the bug with missing drawing elements has been fixed.
  PDF-737 26.03.2020 13:29:26

bug-fix - missing elements

9.4 Module pdfstamp

- The bug with changed widths of bent lines has been fixed.
  PDF-759 18.11.2020 08:23:03

bug-fix - line width

10 Version 3.5.1.3

10.1 Module General

new - PDF tool xfa2pdf

- With the new PDF tool xfa2pdf, PDF files of the types staticXFA and dynamicXFA can be converted into flat normal PDF files.
  PDF-744 08.06.2020 10:33:43

10.2 Module pdfbookm

bug-fix - recursive bookmarks

- As of version 3.42, pdfbookm recognizes erroneous recursive bookmark structures better and terminates with error.
  PDF-753 10.08.2020 16:51:19

10.3 Module pdfjoin

bug-fix - FileAttachments

- The bug with double FileAttachments items in the PDF file has been fixed with the version 3.56.
  PDF-709 04.02.2019 10:10:25

10.4 Module pdfprae

bug-fix - recursive bookmarks

- As of version 3.41, pdfprae recognizes erroneous recursive bookmark structures better and outputs corresponding warnings. The output will be continued.
  PDF-746 16.07.2020 13:24:24

10.5 Module pdfstamp

bug-fix - additional STP file

- The bug with switching to an additional STP file has been fixed with the version 3.91.
  PDF-755 25.08.2020 16:05:30

new - BOM

- As of version 3.90, header files with BOM are accepted.
  PDF-742 28.05.2020 15:58:56

11 Version 3.5.1.2

11.1 Module General

- The 64 bit versions of the programs are available for Windows and Linux.
  PDF-728 09.12.2019 13:33:15
  new - 64 bit version
- The PDF Tools, version 3.5.1.2, have been created using the Adobe Library APDFL15.0.4p7d.
  PDF-735 25.02.2020 16:14:31
  new - Adobe Library APDFL15.0.4p7d
- The PDF tool pdfgettext is delivered as hft and as non-hft variant. The hft variant, which is the default variant, can process staticXFA PDF files but cannot process protected PDF files. The non-hft variant cannot process staticXFA PDF files but can process slightly protected PDF files.
  PDF-739 20.04.2020 14:35:27
  new - pdfgettext(hft)
- As of version 3.28, pdf2ps logs the program version with each conversion.
  PDF-731 12.12.2019 17:32:32
  new - program version

11.2 Module pdfattach

- As of version 1.6.1, pdfattach evaluates the "RotateFlag" setting correctly.
  PDF-708 29.01.2019 14:56:03
  bug-fix - RotateFlag

11.3 Module pdfbookm

- With pdfbookm 3.41, a bug with the output of bookmark information via the "-print" parameter has been fixed. The color definitions were output correctly for the eight base colors only. Hues were output incorrectly.
  PDF-729 10.12.2019 11:50:54
  bug-fix - color definition

11.4 Module pdfjoin

- As of version 3.55, an invalid Page setting in StructTree can be ignored in some situations.
  PDF-734 13.02.2020 12:59:43
  bug-fix - page setting
- As of version 3.54, the "-keepocgs" parameter is available, via which the OCGs of the single PDF files are maintained and considered when merging.
  PDF-716 15.05.2019 14:37:45
  new - keep OCG

new - enhance performance

- For enhancing the performance, three more environment variables are available. The verbose mode shows if the environment variables have been set. PDFJOIN_DONOTMERGEFONTS avoids that a multiple existent font is embedded more than once. This may result in larger files, but when inserting a page with many fonts, performance may be improved. PDFJOIN_DONOTRESOLVEINVALIDSTRUCTUREPARENTREFERENCES avoids that invalid parent links are resolved in the structure. This is not required in most cases but may result in a better performance with documents having complex structures. With PDFJOIN_DONOTREMOVEPAGEINHERITANCE, page inheritance will be kept. This may result in better performance with documents having very large page trees.
  PDF-827 02.03.2023 14:17:12

11.5 Module pdfstamp

bug-fix - wrong error message

- pdfstamp on Linux output the "Error 2 No such file or directory" although stamping was correct. The bug has been fixed.
  PDF-720 30.07.2019 16:18:47

bug-fix - multi-format STP file

- The error message in case of an erroneous multi-format STP file has been improved.
  PDF-715 29.04.2019 13:26:23

bug-fix - PLS_STAMP_n

- When using pdfstamp(hft) for stamping via a hed file, the "PLS_STAMP_n" item was overwirtten by the "P" item. The bug has been fixed.
  PDF-717 21.05.2019 16:26:14

12 Version 3.5.1.1

12.1 Module jpeg2pdfc

- JPG files without End Of Image marker can be repaired. Dependent on how much data is missing, the data loss is to be seen more or less at the bottom of the image.
  PDF-712 25.02.2019 09:37:16
  new - repair JPG
- As of version 3.13, jpeg2pdfc evaluates the EXIF flag "Orientation". The following values are evaluated: "1"=identical image, no rotation, "3"=rotation by 180 degrees, "6"=rotation by 270 degrees, "8"=rotation by 90 degrees
  PDF-704 05.12.2018 11:20:09
  new - orientation

12.2 Module pdf2ps

- As of version 3.27, the bug concerning the duplex printing with an additional grestore item has been fixed.
  PDF-701 04.09.2018 16:31:35
  bug-fix - duplex
- With version 3.27, a display bug has been fixed which overlapped some areas by black or white rectangles.
  PDF-693 23.07.2018 08:58:43
  bug-fix - overlapping area
- As of version 3.27, the bug with invisible texts has been fixed.
  PDF-705 18.12.2018 14:04:36
  bug-fix - invisible text

12.3 Module pdfbookm

- As of version 3.40, the first page is taken (again) as target unless a page is specified in the bookmark and hyperlink definitions.
  PDF-714 12.03.2019 10:44:48
  bug-fix - link target

12.4 Module pdfgxc

- Up to 4 GB memory can be used.
  PDF-719 04.07.2019 11:57:59
  new - more memory

12.5 Module pdfjoin

- With pdfjoin 3.53. all bookmarks with negative level are maintained unchanged.
  PDF-713 08.03.2019 13:11:41
  bug-fix - bookmark

12.6 Module pdfstamp

- As of version 3.88, the compiler option "LargeAdressAware" is used. With this, more memory can be used and larger files can be processed.
  PDF-711 20.02.2019 11:03:20
  new - larger files

13 Version 3.5.1

13.1 Module General

bug-fix - parameter

- As of version 1.0.6, the parameters "-rs" ("RemoveSignaturePage") and "-s" ("InsertSignature") can be used at the same time.
  PDF-699 28.08.2018 15:44:16

new - Adobe Library APDFL15.0.4p2x

- The PDF Tools, version 3.5.1, have been created using the Adobe Library APDFL15.0.4p2x.
  PDF-679 15.02.2018 12:49:31

new - pdfinsertdoc PDF tool

- The pdfinsertdoc PDF Tool is available for inserting signature pages (front/back). Call example: pdfinsertdoc -f maindoc -o output -s signature file. An existent signature page can be replaced. By default, a bookmark named "SAP Signature Information Sheet" is created for the signature page. The bookmark name can be changed using the option -b or suppressed using -b -1.
  PDF-685 30.04.2018 11:46:23

13.2 Module addbg

new - addbg PDF tool

- The addbg PDF tool is available for setting a PDF file as background in another PDF file.
  PDF-659 22.08.2017 10:20:14

13.3 Module gettext

new - gettext PDF tool

- The gettext PDF tool is available for generating a text file in the INI format with the found texts. Call example: "gettext -i input.pdf -output.txt [params]"
  PDF-675 05.02.2018 16:18:02

13.4 Module pdf2ps

bug-fix - PostScript code

- With version 3.27, the bug when generating PostScript code under Linux has been fixed.
  PDF-460 05.01.2012 10:50:59

bug-fix - PostScript file

- With pdf2ps version 3.27, the bug when generating the PostScript file has been fixed.
  PDF-625 03.08.2016 11:12:20

13.5 Module pdfgxc

new - pdfgxc and pdfgxchft PDF tools

- The pdfgxc and pdfgxchft PDF tools are available.
  PDF-676 05.02.2018 16:21:26

13.6 Module pdfjoin

- With version 3.50, the bug with attachments has been fixed. bug-fix - attachment
  PDF-696 23.08.2018 09:52:33
- As of version 3.42, a specific bad-parameter situation is ignored. bug-fix - bad parameter
  PDF-667 16.11.2017 16:14:54
- The bookmark creation has been adapted to the new PDF standard. The root bookmarks always get a positive counter because negative counters are only allowed for sub-bookmarks and cause the sub-bookmarks to be displayed closed. bug-fix - bookmark
  PDF-687 30.04.2018 15:18:27
- Starting with pdfjoin version 3.46, the result PDF file no longer contains a root bookmark unless bookmarks exist.
  PDF-681 22.02.2018 10:40:02
- As pdfjoin version 3.45, the page information of external hyperlinks is evaluated when converting external hyperlinks into internal ones. new - page information
  PDF-673 01.02.2018 13:55:50
- As of version 3.43, a page list can be specified in the lst file, the bk file or with the -pl program parameter. The page list is specified with PageList and a comma-separated list of pages (i) and page series (i-j), for example, PageList 1,3-4. In the lst file, the page list is appended to the file name separated by the separator character <BELL>, for example, file1.pdf<BELL>1-3. In the bk file, the keyword PageList is available, for example, PageList 1,3-LAST. When calling the program, the page list is specified with the parameter -pl, for example, "-pl 1-3". new - page list
  PDF-663 28.09.2017 10:34:43

13.7 Module pdfsplit

- With version 3.12, the bug when determining the page sizes has been fixed. bug-fix - page size
  PDF-691 21.06.2018 15:35:38

13.8 Module pdfstamp

- As of pdfstamp 3.79, the parameter "-da <name>" is available for deleting an Adobe stamp having a specific name. The "-d" and "-da" parameters can be specified and executed at the same time. new - delete Adobe stamp
  PDF-671 12.01.2018 11:34:29

new - date format

- As of pdfstamp version 3.80, four new date formats are available: "%DATEDE%": "07.02.2018", "%DATEDEYY%": "07.02.18", "%DATEUS%": "02/07/2018" and "%DATEUSYY%": "02/07/18". Additionally, the %DATE% format can be configured freely via the PDF_DATE_FORMAT environment variable. For this, all usual date and time formats can be combined, for example, "%d" for "day of month", "%B" for "name of month", "%H" for "hour" or "%M" for "minute". For example, "set PDF_DATE_FORMAT=%dth of %B %H:%M" generates the stamp with the date and times analog to "12th of February 15:19" (until now: %DATE% generated a fixed data/time string such as "Wed Feb 07 17:30:04 2018").
  PDF-656 01.08.2017 11:32:39

new - font Helvetica -1001

- In default.stp, version 1.6, the fonts of the PDO font Helvetica -1001 has been set as default.
  PDF-598 24.11.2015 10:48:40

new - UTF-8 with 2D barcode

- As of version 3.80, pdfstamp supports UTF-8 with 2D barcodes.
  PDF-645 27.04.2017 14:07:50

14 Version 3.5.0.1

14.1 Module addbg

- As of version 1.1.0, the first and all other pages can be stamps with different stamps. The first stamp page is specified with -b, the second (and all following) with -s. If the stamp file contains at least two pages, the first page is stamped with the first page and all following pages are stamped with the second page when specifying -b stp.pdf -s stp.pdf.
  PDF-666 03.11.2017 16:42:41

  new - different stamps

14.2 Module pdfbookm

- As of version 3.36, empty bookmark texts are possible via the environment variable PDF_MISSING_BOOKMARK_TEXT. By default, pdfbookm terminates with an error if a bookmark text is empty. The environment variable PDF_MISSIN_BOOKMARK_TEXT supports the following values: ERROR: Termination with empty bookmark text (default), BLANK: Instead of the empty text, a blank will be generated and, therefore, a bookmark will be created, IGNORE: An empty bookmark text will be ignored and no bookmark will be created. Bookmark text with more than 256 characters will be cut. Note that Adobe Acrobat displays bookmark texts up to around 160 characters only.
  PDF-592 16.09.2015 14:31:24

  new - bookmark

- As of version 3.50, newlines are replaced by <BR> in bookmarks. With this, a newline can be written in the bookmark text via the bookmark file (generated with -print, read with -i).
  PDF-650 05.07.2017 09:11:13

  new - newline

14.3 Module pdfcollect

- As of version 1.0.3, the page information is passed correctly and all destination formats are supported.
  PDF-652 07.07.2017 17:14:14

  bug-fix - page specification

- As of version 1.0.3, with the -nw parameter, internal links are generated in such a way that a PDF viewer is instructed to open the link in a new window.
  PDF-655 24.07.2017 09:13:42

  new - new window for link

- As of version 1.0.3, a referenced file is embedded only once even if this file is referenced several times in the file.
  PDF-653 07.07.2017 17:16:00

  new - referenced file

14.4 Module pdfexpand

- As of version 1.2.0.0, the bug when converting FileSAttachment links to internal ones has been fixed.
  PDF-660 28.08.2017 13:26:46

  bug-fix - link

new - bookmark

- As of version 1.2.0.0, the generation of the bookmarks has been improved.
  PDF-661 28.08.2017 13:41:05

14.5 Module pdfjoin

new - external hyperlink

- As of version 3.44, hyperlinks to the external PDF files can be converted into internal ones when the external file is appended. This can be controlled by the "-ext2int" program parameter or the "PDF_EXT2INT i" environment variables.
  PDF-672 15.01.2018 12:42:42

new - PDF/A

- As of version 3.40, the PDF/A property of the linked document is evaluated correctly from the PDF/A property of the single documents. Only if all single documents are conform to PDF/A, the complete PDF file is marked as PDF/A as well.
  PDF-651 05.07.2017 09:29:18

14.6 Module pdfprae

bug-fix - analysis

- With version 3.38 of pdfprae, a bug when analyzing embedded files has been fixed.
  PDF-658 17.08.2017 14:32:22

new - file information

- As of version 3.37, with the -efr parameter, the file information of the embedded files is output in the ini file format.
  PDF-646 04.05.2017 09:50:48

new - embedded files

- As of version 3.37, all types of embedded files are recognized.
  PDF-644 24.04.2017 11:10:21

14.7 Module pdfstamp

new - ignore pdErrAfterSave

- As of version 3.76, the specific error pdfErrAfterSave when saving is ignored due to a correct PDF file is generated in this case.
  PDF-649 01.06.2017 13:54:19

new - performance

- As of version 3.77, pdfstamp generates more effective PDF code by using the current Gribs library. The PDF code for the stamp temporary file contained an attribute /HT /DEFAULT in ExtGState. This can lead to remarkable performance problems when printing and, therefore, has been removed.
  PDF-665 10.10.2017 15:51:24

14.8 Module pdfthumb

bug-fix - empty PDF page

- As of version 1.2.1, empty PDF files are processed correctly again.
  PDF-654 12.07.2017 09:11:04

15 Version 3.5.0

15.1 Module General

- The handling of File Attachment Annotations has been improved for the pdfprae V 3.36, pdf2struct V 1.2.1.3 and pdfattach V 1.5.4.4 programs.
  PDF-639 06.01.2017 15:57:25
  bug-fix - File Attachment Annotation
- The correct version of the current APDFL is output.
  PDF-630 08.09.2016 11:26:09
  bug-fix - APDFL version
- The new PDF Tool pdfduplex enhances the duplex functionality of pdfaddpage. Whereas pdfaddpage only cares that a PDF document is even-paged, pdfduplex handles DIN formats larger than A4 in a specific way. Oversized pages are output on odd pages only and are followed by a blank page.
  PDF-643 12.04.2017 16:17:35
  new - pdfduplex

15.2 Module ltiff2pdf

- As of version 3.7.29, missing, uncompressed data is ignored via the environment variable TIFFSKIPERROR.
  PDF-638 06.01.2017 15:45:30
  new - missing data

15.3 Module pdfjoin

- As of version 3.39, bookmarks to named destinations are processed.
  PDF-642 20.03.2017 10:08:40
  new - named destination

15.4 Module pdfocrpdf

- The bug with documents containing more than 1000 pages has been fixed.
  PDF-641 27.02.2017 15:18:06
  bug-fix - 1000 pages
- If pdfocrpdf has applied the ocr2pdf program to the complete input file, some parameters to be used for OCR might not be used. The bug has been fixed.
  PDF-637 30.12.2016 14:11:02
  bug-fix - parameter

15.5 Module pdfprae

- As of version 3.35, the recognition of dynamic XFA PDF documents has been improved. The PDF item NeedsRendering is evaluated.
  PDF-633 30.11.2016 11:30:25
  bug-fix - dynamic XFA
- As of version 3.34, all embedded files are output reliably.
  PDF-629 29.08.2016 13:47:15
  bug-fix - embedded files

15.6 Module pdfsplit

bug-fix - no PDF/A

- So far, pdfsplit sets the PDF/A-1b compatibility in the generated split files. Now, the part documents are no longer saved as PDF/A.
  PDF-634 05.12.2016 10:02:24

16 Version 3.4.1

16.1 Module ltiff2pdf

- The processing of JPG-compressed images in TIFF files has been improved in the ltiff2pdf program. Now, the images are also written to the PDF file with the JPG compression in order to save disk space.
  PDF-623 25.07.2016 17:56:35

  bug-fix - JPG compression

- The processing of TIFF files with four samples per pixel has been improved. So far, images with extra samples specified as "unspecified" resulted in "strange" images in PDF. Now, the extra samples are ignored and the images look correctly.
  PDF-622 25.07.2016 17:54:48

  bug-fix - unspecified extra samples

16.2 Module pdfstamp

- As of version 3.75, the bug when stamping PDF pages with RotateFlag has been fixed.
  PDF-501 14.01.2013 16:04:00

  bug-fix - RotateFlag

17 Version 3.4.0.2

17.1 Module General

bug-fix - PDF interpretation

- Due to using Adobe Library 10.1.0p4u, some bugs with the PDF interpretation have been fixed.
  PDF-605 27.01.2016 15:39:36

new - PDF Tool replacelinks

- The PDF Tool replacelinks is available. With this, hyperlinks can be replaces in PDF files. Required are an input PDF file and a file describing on which page the hyperlinks are to be replaced. This file is specified via the -a parameter and has INI file format, for example [0] Page=1 [1] Page=4
  PDF-612 19.02.2016 13:16:46

17.2 Module ltiff2pdf

new - memory

- As of version 3.7.27, ltiff2pdf can use up to 4 GB memory on Windows 64 bit.
  PDF-601 21.12.2015 16:59:14

17.3 Module pdf2ps

new - full resolution

- As of version 3.26, the -fulljpxresolution parameter is available for pdf2ps.exe. If this is set, the full resolution of JPX and JP2000 images are preserved in PDF and the images are no longer reduced automatically.
  PDF-595 14.10.2015 09:47:33

17.4 Module pdf2struct

bug-fix - file attachment

- The handling of file attachments has been improved.
  PDF-615 19.04.2016 10:00:08

new - attachment description

- As of pdf2struct.exe 1.2.0, the description of an attachment is written into the XML file using the Description tag.
  PDF-602 23.12.2015 09:37:17

new - embedded files

- By default, pdf2struct splits a PDF file containing embedded files into separate files. If the embedded files have also embedded files, these are unpacked recursively. Correspondingly, a hierarchical structure is built in the XML file. As of version 1.2.0, the -firstlevel parameter is available. If this is set, unpacking is restricted to the top levels, this means, only the embedded files of the main file are unpacked.
  PDF-603 23.12.2015 09:40:21

17.5 Module pdfattach

bug-fix - description

- As of version 1.5.2, the description of an attachment is only overwritten if it has been specified.
  PDF-607 02.02.2016 12:23:05

- The replacement of file attachments has been improved. bug-fix - file attachment
  PDF-616 19.04.2016 10:02:20
- As of version 1.5.3, the file information of the embedded files such as CreationDate, ModDate and FileSize is written to the description correctly also with the replacement. bug-fix - embedded files
  PDF-611 15.02.2016 09:32:45
- As of version 1.5.1 of pdfattach, the -name and -relation parameters are available via which the name and the relationship of an attachment can be specified. new - name, relationship
  PDF-608 08.02.2016 13:19:12
- The handling of embedded files has been expanded. Now, all NameTree methods are supported. new - NameTree
  PDF-600 21.12.2015 09:55:04

17.6 Module pdfcollect

- As of pdfcompress 3.12, the -remove <ele> parameter is available. With this, elements can be removed from the PDF file. The elements are separated by commas: all, structtree new - remove elements
  PDF-610 09.02.2016 16:37:00

17.7 Module pdfcompress

- As of version 3.12, the -optimize <opt> parameter is available for specifying the optimization method. With -optimize, al list of optimization options separated by commas are specified: all,web,content,xobject,fonts. Default is content,xobject. new - optimization
  PDF-609 09.02.2016 16:30:58

17.8 Module pdfjoin

- As of version 3.36, the -removestructtree parameter is available. With this, the StructureTree can be removed. Alternatively, the PDF_REMOVE_STRUCTTREE=1 environment variable can be set. new - remove StructureTree
  PDF-593 17.09.2015 11:05:34

17.9 Module pdfmerge

- When merging multiple PDF/A files, the highest part ID of the input files is used for the result file. So far, only part ID 1 and 2 has been taken into account. As of version 3.27, higher part IDs are accepted, too. new - part ID as of 3
  PDF-539 19.03.2014 14:24:46

17.10 Module pdfstamp

- In the STP file, the %PAGE%, %PAGES% or %DATE% items in TX_TEXT in the text section were not taken into account. The bug has been fixed. bug-fix - TX_TEXT
  PDF-563 10.09.2014 17:46:57

new - 256 stamps

- With version 3.73, the maximum number of stamps has been increased from 100 to 256. With this, the maximum of 256 stamps with the maximum stamp text length of 256 characters is supported.
  PDF-614 14.04.2016 11:02:01

new - JPEG

- As of version 3.74, JPEG files can be used as graphic stamps in addition to GKS metafiles.
  PDF-619 31.05.2016 13:04:46

18 Version 3.4.0.1

18.1 Module jpeg2pdfc

- The resolution of the JPEG file is recognized even if more JFIF tags exist in the JFIF header. bug-fix - resolution
  PDF-586 18.06.2015 10:02:15

18.2 Module ltiff2pdf

- When converting TIFF files with alpha channel and color profile into PDF, sometimes PDF files were generated which cause an error message in Adobe Reader. The bug has been fixed. bug-fix - color profile
  PDF-565 17.09.2014 14:42:58

18.3 Module pdf2p21

- pdf2p21 evaluates RotateFlag. new - RotateFlag
  PDF-531 02.10.2013 10:10:10

18.4 Module pdf2struct

- In version 1.1.0, the bug with umlauts in the XML file name has been fixed. bug-fix - umlauts
  PDF-590 14.09.2015 14:54:19

18.5 Module pdfattach

- The HFT variants of the PDF Tools search for the Adobe plug-ins in version-specific directories. The plug-ins for the Adobe version 9.1. are searched for in tools/bin_winnt5/adobe91, the ones for the Adobe version 10.1 in tools/bin_winnt5/adobea1. bug-fix - plug-in version
  PDF-582 16.04.2015 15:20:13
- In version 1.4.0, the bug with umlauts in the file name specified with the -files parameter has been fixed. bug-fix - umlauts
  PDF-591 14.09.2015 14:59:13
- For each attachment, a description can be specified. By default, now, the file name is specified instead of the path. The descriptions can be specified either with Description in the corresponding section in the input file, which is specified with the -i parameter, or with the -descr parameter as comma-separated list of texts. new - description
  PDF-577 17.02.2015 14:51:25
- Appending, replacing and deleting attachments can be configured in an input file. The input file is specified with the -i parameter when calling. The input file has INI format and contains a [File<i>] section for each operation on a file. To each attachment, a description (Description), an AFRelationship (Relationship) and Subtype can be assigned. new - replace and delete
  PDF-583 17.04.2015 13:10:34

18.6 Module pdfbookm

new - internal hyperlinks

- As of version 3.32, internal hyperlinks are no longer referred by the page number but the real page objects. This accords to the newest PDF standard. As of version 3.33, the targets of the internal hyperlinks to non-existent pages are ignored and logged as warnings only.
  PDF-597 24.11.2015 09:50:05

new - more properties

- As of version 3.31, the properties FitR, FitV and FitH are supported in addition to XYZ and Fit: PLS_BOOKTXT=XYZ@level@page,XYZ,left,top,zoom@...
  PLS_BOOKTXT=Fit@level@page,Fit@...
  PLS_BOOKTXT=FitR@level@page,FitR,left,bottom,right,top@...
  PLS_BOOKTXT=FitV@level@page,FitV,left@...
  PLS_BOOKTXT=FitH@level@page,top@...
  PDF-572 09.12.2014 14:21:22

18.7 Module pdfcompress

bug-fix - stream

- As of version 3.9, pdfcompress decompresses streams completely.
  PDF-571 09.12.2014 13:25:40

18.8 Module pdfcrop

bug-fix - Unicode

- The bug with special Unicode characters in the file name has been fixed.
  PDF-575 16.02.2015 13:33:48

18.9 Module pdfjoin

bug-fix - bookmark

- If a bookmark file (-bk) exists, files may be missing in the file list (-f). With this, the bug with the missing first file has been fixed.
  PDF-578 16.02.2015 18:41:02
- The bug that the bookmarks were not generated closed sometimes has been fixed.
  PDF-580 18.03.2015 16:13:07

bug-fix - plug-in version

- The HFT variants of the PDF Tools search for the Adobe plug-ins in version-specific directories. The plug-ins for the Adobe version 9.1. are searched for in tools/bin_winnt5/adobe91, the ones for the Adobe version 10.1 in tools/bin_winnt5/adobea1.
  PDF-582 16.04.2015 15:20:13

bug-fix - subset

- The bug with embedded subsets of fonts has been fixed in pdf2ps.
  PDF-589 12.08.2015 17:36:51

new - bookmarks

- As of version 3.38, the -onb parameter is available. If this set, only the new bookmarks are generated for each document and the old ones from the documents are not used.
  PDF-618 03.05.2016 15:30:07

18.10 Module pdfmerge

- The bug with embedded subsets of fonts has been fixed in pdf2ps. bug-fix - subset
  PDF-589 12.08.2015 17:36:51

18.11 Module pdfocrpdf

- The HFT variants of the PDF Tools search for the Adobe plug-ins in version-specific directories. The plug-ins for the Adobe version 9.1. are searched for in tools/bin_winnt5/adobe91, the ones for the Adobe version 10.1 in tools/bin_winnt5/adobea1. bug-fix - plug-in version
  PDF-582 16.04.2015 15:20:13
- As of version 3.15, the -allowedchars parameter is available. With this, the number of characters per page is specified as of which the text recognition (OCR) will be executed. By now, the text recognition (OCR) was not executed for a page containing at least one character. new - character number
  PDF-567 06.10.2014 12:35:34

18.12 Module pdfprae

- The error tolerance with slightly defective PDF files has been increased. bug-fix - error tolerance
  PDF-581 30.03.2015 12:13:47
- The HFT variants of the PDF Tools search for the Adobe plug-ins in version-specific directories. The plug-ins for the Adobe version 9.1. are searched for in tools/bin_winnt5/adobe91, the ones for the Adobe version 10.1 in tools/bin_winnt5/adobea1. bug-fix - plug-in version
  PDF-582 16.04.2015 15:20:13

18.13 Module pdfstamp

- The colorspace is copied from the temporary PDF file into the PDF file to be stamped. Due to this, a PDF/A file remains PDF/A after stamping. bug-fix - PDF/A
  PDF-584 07.05.2015 10:11:47
- A bug when stamping page numbers has been fixed. The bug occurred when the page numbering was specified via %PAGE% in a box definition with several text definitions. bug-fix - page number
  PDF-568 27.10.2014 15:53:01
- The bug when reading stamp texts from a header has been fixed. bug-fix - stamp
  PDF-579 27.02.2015 16:31:59
- As of pdfstamp 3.72, the additional STP file is expected at the first position again. This already was the behavior in older versions of pdfstamp but as of 3.65, the position of the $name§ placeholder has been irrelevant. But due to this led to compatibility problems, the original specification is used again. That means that the $test$xxx stamp text searches for the additional test.stp STP file and uses xxx as stamp text. But, xxx$test$yyy does not search for an additional STP file and uses the complete text xxx$test$yyy as stamp text. bug-fix - stamp text
  PDF-594 07.10.2015 14:51:08

bug-fix - STP file

- A bug when stamping via an additional STP file has been fixed.
  PDF-566 24.09.2014 16:00:04

new - scaling

- By now, the size of the stamp box was evaluated depending on the text size. The BO_WIDTH and BO_HEIGHT items only applied to graphic files specified with BO_FRAME. The graphics were scaled in such a way that they fit the specified box size without distortion. As of version 3.67, fixed sizes for the stamp boxes can be specified with BO_WIDTH and BO_HEIGHT in the box definition in the STP file. If BO_ADAPT_TEXT_TO_FRAME has been set to Y, the stamp box and the text are scaled in such a way that the specified size is reached exactly.
  PDF-559 23.07.2014 10:32:24

19 Version 3.4.0

19.1 Module pdfarrange

- As of version 3.9, threads are deleted because consistency of the article information cannot be guaranteed in general. new - thread
  PDF-561 04.08.2014 11:01:05

19.2 Module pdfbookm

- As of pdfbookm 3.28, @ in the bookmark text can be specified escaped by \, for example, PLS_BOOKTXT=this\@is\@page\@open@011@italic. new - @
  PDF-522 05.06.2013 11:35:08

19.3 Module pdfjoin

- As of version 3.32, pdfjoin can generate bookmarks to missing files without functionality (without destination). For this, DestForEmptyFile NONE must be specified in the Default section of the bookmark file. By default, this means when DestForEmptyFile is missing or DestForEmptyFile NEXT has been specified, the bookmark to a missing file refers to the next file. new - bookmark
  PDF-554 17.06.2014 11:51:26
- PDF files with dynamic XFA contents are rejected with error 188. new - XFA
  PDF-513 13.03.2013 13:48:18

19.4 Module pdfmerge

- PDF files with dynamic XFA contents are rejected with error 188. new - XFA
  PDF-513 13.03.2013 13:48:18

19.5 Module pdfocrpdf

- The file name of the attribute file may contain Unicode characters like the input and output files. bug-fix - Unicode
  PDF-547 16.05.2014 15:21:37

19.6 Module pdfprae

- As of version 3.31, newlines in DocInfo, CatalogInfo and PageInfo are replaced by blanks in the output in order to receive a syntactical correct INI file. bug-fix - new line
  PDF-546 14.05.2014 16:41:08
- As of version 3.32, DocInfo and CatalogInfo of all recursively embedded PDF files can be output by specifying -eft (EmbedFilesRecursiv). new - recursively embedded
  PDF-543 11.04.2014 15:21:01

19.7 Module pdfsetscale

bug-fix - boxes

- As of version 3.23, BleedBox, TrimBox and ArtBox are removed when scaling. When rotating, the boxes are kept because only RotateFlag is set in this case.
  PDF-540 20.03.2014 11:36:37

new - UserUnit

- As of version 3.23, Double are used internally instead of Integer in order to gain a better precision also when using UserUnits and large values.
  PDF-463 31.01.2012 16:42:16

19.8 Module pdfstamp

bug-fix - stamp

- When RotateFlag 270 has been specified both in the file to be stamped and in the stamp template, the stamp was shifted. The bug has been fixed in version 3.63.
  PDF-524 13.06.2013 16:43:45

new - extension

- As of version 3.63, the extension of the stamp file is case-insensitive.
  PDF-538 13.03.2014 09:48:32

new - tolerance

- The comparison of the page sizes works with a tolerance which can be specified via the PLS_PDF_TOLERANCE_IN_MM environment variable. Default is 5 mm.
  PDF-549 27.05.2014 14:34:23

19.9 Module printpdf

new - without gXconvert

- The scaling is no longer executed via gXconvert but internally.
  PDF-560 30.07.2014 17:50:03

20 Version 3.3.2.1

20.1 Module General

- When PDF_IGNORE_DEFAULT_DIRECTORIES has been set to Y, the system font directories will not be scanned for installed fonts. This way, the initialization will be faster.
  PDF-529 09.08.2013 16:54:34

new - initialization

20.2 Module ltiff2pdf

- Sometimes, b/w TIFF files with LZW compression using a color profile were output inverted when converting into PDF. The bug has been fixed.
  PDF-517 17.04.2013 07:58:34

bug-fix - b/w TIFF

20.3 Module pdf2ps

- Error messages are written to the standard output and no longer to the standard error.
  PDF-520 03.05.2013 11:07:07

new - error message

20.4 Module pdfattach

- As of version 1.1.0, pdfattach can keep the PDF/A-3 conformity when embedding documents. With -pdfa3 has been specified or the PDF file already contains a PDF/A-3 item, the documents are embedded in such a way that the PDF/A-3 conformity will be kept.
  PDF-530 15.08.2013 16:25:39

new - PDF/A-3

20.5 Module pdfjoin

- As of version 3.30, bookmarks are closed again if they are marked as closed in the bookmark file (-bk).
  PDF-536 31.01.2014 16:28:24

bug-fix - bookmark

- As of version 3.30, pdfjoin can handle Unicode characters in the bookmark file.
  PDF-535 31.01.2014 16:28:17

new - Unicode

20.6 Module pdfocrpdf

- As of version 3.16, pdfocrpdf rejects PDF files protected by an open password with an error messages and the return code 209. PDF files with an owner password, are processed or not depending on the current protection. If the CopyText privilege is missing, pdfocrpdf cannot be executed and returns 209 as well.
  PDF-495 23.11.2012 16:13:09

new - protected PDF file

new - pass parameters

- As of version 3.14, any program parameters can be passed to the called program, ocr2pdf, using -addparams. -addparams must be the last program parameter for pdfocrpdf.
  PDF-544 25.04.2014 11:21:49

20.7 Module pdfprae

bug-fix - embedded file

- As of version 3.30, embedded files are output as file names again.
  PDF-541 04.04.2014 12:19:13

20.8 Module printpdf

bug-fix - network printer

- Network printers are supported better.
  PDF-527 01.08.2013 14:04:50

21 Version 3.3.2

21.1 Module General

- PDF Tools 3.3.2 are linked with the Adobe Library 9.1.0p4z. new - Adobe Library
  PDF-490 19.10.2012 14:12:08
- The following PDF Tools can process PDF files containing XFA: pdfauthorize pdfcopycatalog pdfprae pdfsplit pdf2pdf pdf2ps pdf2p21 pdfsetparms pdfversion pdfmeta pdfjoin pdfmerge pdfstamphft. The other PDF Tools cannot process PDF files containing XFA. They exit with the error message: "APDFL: Unable to open XFA PDF files. Error: Error when opening ...". new - XFA
  PDF-449 23.11.2011 16:02:26

21.2 Module gtiff2pdf

- The bug with JPEG and GIF file containing umlauts has been fixed. bug-fix - umlauts
  PDF-502 21.01.2013 09:19:31

21.3 Module jpeg2pdfc

- The bug with JPEG and GIF file containing umlauts has been fixed. bug-fix - umlauts
  PDF-502 21.01.2013 09:19:31

21.4 Module ltiff2pdf

- TIFF G4 files with color profiles were converted into a inverted PDF file via ltiff2pdf. The bug has been fixed. bug-fix - inverted
  PDF-471 23.04.2012 11:51:54
- With erroneous TIFF files having very low resolution values (0.0000002), ltiff2pdf crashes under certain circumstances. Now, resolution values smaller than the T2P_IGNORE_RES_LOWER environment variable (default: 1.0) are ignored. Then, the default resolution is 300. bug-fix - low resolution
  PDF-467 05.03.2012 11:59:19
- ltiff2pdf can generated files according to PDF/A-2b. new - PDF/A-2b
  PDF-479 03.08.2012 08:52:11
- ltiff2pdf can generated files according to PDF/A-3b. new - PDF/A-3b
  PDF-491 24.10.2012 11:57:42

21.5 Module pdf2struct

- The new PDF Tool, pdf2struct, separate PDF files containing embedded files and collections into single files and generates an XML file describing the structure and the properties. new - PDF collection
  PDF-484 18.10.2012 13:39:22

21.6 Module pdfarrange

new - last page

- When specifying pages with the -s1 parameter, end can be specified for the last page instead of a page number.
  PDF-585 08.06.2015 15:33:23

21.7 Module pdfattach

new - embed

- The new PDF Tool, pdfattach, can embed any files into a PDF file. The file to be embedded are specified via the -file parameter or an input file via -i.
  PDF-487 18.10.2012 14:59:03

21.8 Module pdfbookm

new - bookmark, hyperlink

- So far, bookmarks and hyperlinks can refer to pages only. As of version 3.22 of pdfbookm, bookmarks and hyperlinks can refer to a position within a page and a zoom factor can be specified. PLS_BOOKTXT=text@open-close@colorrgb@fontstyle. PLS_HYPERLNK =topage,x,y,200@tofile applies for hyperlinks.
  PDF-482 20.09.2012 12:04:23

new - external PDF link

- As of version 3.24, external PDF links from Adobe Reader can be opened in the same Adobe Reader window or in a new window. By default, the settings of Adobe Reader is used (as before). The opening is controlled via the -newwindow parameter with: -newwindow no: The external link will be opened in the same window. -newwindow yes: The external link will be opened in a new window. -newwindow auto: The external link will be opened according to the setting in Adobe Reader. The setting can also be specified with the NEWWINDOW keyword in the GLOBAL section of the input file (-i): NEWWINDOW=auto|yes|no
  PDF-506 14.02.2013 09:30:32

new - links

- As of version 3.24, pdfbookm can be generated links to external URL addresses. The URLs are specified with URL:<url> in the input file (-i) for bookmarks and hyperlinks.
  PDF-507 15.02.2013 15:35:46

21.9 Module pdfcollect

new - structured PDF file

- The new PDF Tool, pdfcollect, generates a structured PDF file by embedding external links.
  PDF-486 18.10.2012 14:37:52

21.10 Module pdfcrop

new - bbox

- As of version 3.5, pdfcrop evaluates the -bbox parameter. In this case, the bbox device is used instead of the check device.
  PDF-478 30.07.2012 13:06:19

21.11 Module pdfexpand

- The new PDF Tool, pdfexpand, expands PDF files with embedded files and PDF files with collections into a linear PDF file. new - expand
  PDF-485 18.10.2012 14:27:55

21.12 Module pdfjoin

- The bug with very long file names containing UTF-8 characters has been fixed. bug-fix - UTF-8
  PDF-480 24.08.2012 12:36:10
- As of pdfjoin 3.16 and pdfmerge 3.20, all embedded files (attachments) of the files to be linked are taken into the new documents if the -keepattachments parameter (short -ka) or the PDF_KEEP_ATTACHMENTS environment variable is set. The value does not matter. new - attachment
  PDF-464 31.01.2012 16:50:59
- As of pdfjoin 3.19, bookmarks to missing files are replaced by bookmarks to the subsequent file it the bookmarks are specified in an additional bookmark file. new - bookmarks
  PDF-389 21.05.2010 11:47:59
- As of pdfjoin 3.18 and pdfmerge 3.21, all embedded files can be expanded and compiled when merging (PDF_EXPAND_COLLECTION environment variable). Protected PDF files and non PDF files (for example, Word or text files) are not processed and are preserved in the PDF file. new - embedded file
  PDF-489 18.10.2012 15:28:49
- If all input files accord to PDF/A, the result file also accords to PDF/A unless -nopdfa has been specified. The PDF file is generated without object compression. new - PDF/A
  PDF-409 30.11.2010 10:00:40
- As of version pdfjoin 3.23, pdfmerge 3.23 and pdfstamp 3.53, the PDF version of the result file is displayed dependent on the input files. If at least one of the input files is PDF/A2 (and the other A1), the result file shows A2. The sub format a, b or u is selected correspondingly.
  PDF-483 09.10.2012 11:57:36

21.13 Module pdfmerge

- As of pdfjoin 3.16 and pdfmerge 3.20, all embedded files (attachments) of the files to be linked are taken into the new documents if the -keepattachments parameter (short -ka) or the PDF_KEEP_ATTACHMENTS environment variable is set. The value does not matter. new - attachment
  PDF-464 31.01.2012 16:50:59
- As of pdfjoin 3.18 and pdfmerge 3.21, all embedded files can be expanded and compiled when merging (PDF_EXPAND_COLLECTION environment variable). Protected PDF files and non PDF files (for example, Word or text files) are not processed and are preserved in the PDF file. new - embedded file
  PDF-489 18.10.2012 15:28:49

new - PDF/A

- If all input files accord to PDF/A, the result file also accords to PDF/A unless -nopdfa has been specified. The PDF file is generated without object compression.
  PDF-409 30.11.2010 10:00:40
- As of version pdfjoin 3.23, pdfmerge 3.23 and pdfstamp 3.53, the PDF version of the result file is displayed dependent on the input files. If at least one of the input files is PDF/A2 (and the other A1), the result file shows A2. The sub format a, b or u is selected correspondingly.
  PDF-483 09.10.2012 11:57:36

21.14 Module pdfprae

new - form

- As of version 3.25 of pdfprae, additional information about the form contents is output to the DocInfo section. Form indicates if a form and/or XFA contents are contained. Form="NotAForm": The PDF file does not contain form objects. Form="AcroForm": The PDF file contains AcroForm without XFA contents. Form="StaticXFA": The PDF file contains AcroForm with static XFA contents. Form="DynamicXFA": The PDF file contains AcroForm with dynamic XFA contents.
  PDF-473 22.06.2012 09:07:23

new - Optional Contents

- DocInfo contains the information if the PDF file contains Optional Contents (OCG): HasOC="YES" or HasOC="No"
  PDF-494 15.11.2012 11:39:36

new - repair

- With the -repair parameter, pdfprae opens the file in the repair mode and saves it under the same name if repairing was necessary.
  PDF-496 19.12.2012 16:07:37

21.15 Module pdfsetscale

new - negative value

- pdfsetscale allows negative values for MediaBox and CropBox.
  PDF-415 17.02.2011 15:13:55

new - margin

- With the -margin "l b r t unit" parameter, a border is generated outside the document. As of version 3.20, a border within the document size can be generated. The document keeps its size and the contents is scaled so that it fits into the area reduced by the border. Thereby, the scaling is proportional. This is controlled by the additional -format parameter: -format auto: Generates the border outside and enlarges the document by doing this. -format orig: Generates the border inside and keeps the original document size.
  PDF-472 20.04.2012 11:02:24

21.16 Module pdfstamp

bug-fix - deletable stamp

- If PDF files were stamped with more than one deletable stamp, the deletion did not work. This bug has been fixed in version 3.46.
  PDF-432 26.09.2011 09:06:26

- The bug when reading the STP file has been fixed. If an STP file does not end with a newline character, this could result in sporadic crashes.
  PDF-504 04.02.2013 10:15:45
  bug-fix - STP file
- As of version 3.50, pdfstamp can expand and stamp embedded files implicitly and append them to the main document (PDF_EXPAND_COLLECTION environment variable). Protected PDF files and non PDF files (for example, Word or text files) are not processed and are preserved in the PDF file.
  PDF-488 18.10.2012 15:18:05
  new - embedded file
- As of 3.49, true transparent gray is used as default for GRAY_STAMP. As before, the gray generation can be influenced using the -graystamp <mode> parameter.
  PDF-465 02.02.2012 15:02:52
  new - gray
- As of 3.48, true transparent gray is used by default when BO_CREATION has been set to GRAY_STAMP. Gray-simulated stamps are still generated when the -graystamp simulated parameter or the PDF_GRAYSTAMP environment variable has been set to simulated.
  PDF-474 22.06.2012 11:25:32
- As of version pdfjoin 3.23, pdfmerge 3.23 and pdfstamp 3.53, the PDF version of the result file is displayed dependent on the input files. If at least one of the input files is PDF/A2 (and the other A1), the result file shows A2. The sub format a, b or u is selected correspondingly.
  PDF-483 09.10.2012 11:57:36
  new - PDF/A
- The new variant, pdfstamphft, can stamp portfolio file as well. So far, these were rejected with error 200. Additionally, all embedded PDF files of collections and portfolio PDF files are stamped recursively if the -rec parameter is set.
  PDF-493 15.11.2012 11:31:18
  new - portfolio, collection
- As of version 3.52, the length of the stamp texts is unlimited. Especially, this makes sense in case of 2D barcode stamps due to this can contains larger amount of data. The number of stamps is still limited to 100.
  PDF-445 11.11.2011 12:23:17
  new - stamp

21.17 Module pdfxmpmeta

- The setting of standard properties has been fixed.
  PDF-418 23.02.2011 14:32:16
  bug-fix - properties
- User-specific metadata keys may contain blanks.
  PDF-438 25.10.2011 14:15:50
  new - blank

22 Version 3.3.1.2

22.1 Module General

new - repair mode

- As of version 3.3.1.1r or 3.3.1.2, a PDF file can be opened in the repair mode (PLS_PDF_REPAIR environment variable). This corresponds to the behavior of Adobe Reader and Adobe Acrobat. In the version 3.3.1.1r, the repair mode is switched on with PLS_PDF_REPAIR. As of version 3.3.1.2, the repair mode is switched on by default and can be switched off by PLS_PDF_REPAIR=0 or N.
  PDF-441 03.11.2011 14:53:11

22.2 Module ltiff2pdf

new - reading error

- If the TIFFSKIPERROR environment variable is set to a negative value, ltiff2pdf also ignores errors when the data of a strip can only be read partly. This setting should be used only in extreme cases due to reading errors are ignored independent of the compression type. Depending on the compression type, also errors can be ignored that are not restricted to the last n lines of an image.
  PDF-443 09.11.2011 16:56:03

new - TIFF with JPEG compression

- The processing of TIFF files with JPEG compression has been improved.
  PDF-425 08.07.2011 12:23:03

22.3 Module pdf2ps

bug-fix - embedded file

- The bug when converting PDF files with embedded files has been fixed.
  PDF-461 10.01.2012 14:55:04

new - UserUnit

- As of version 3.22, PDF files with UserUnit can be converted to PDF completely. Also overlong PDF files with coordinates larger than 14400 without UserUnit can be converted to PostScript completely when the -setuu parameter has been specified.
  PDF-437 21.10.2011 15:07:17

22.4 Module pdfauthorize

bug-fix - open password

- pdfauthorize returns the correct error status 2 for PDF files with erroneous or missing open password.
  PDF-400 13.08.2010 16:47:57

22.5 Module pdfbookm

new - Unicode/ UTF-8

- Unicode characters (UTF-8) are allowed in file names.
  PDF-411 17.01.2011 10:10:02

22.6 Module pdfprae

- The typo CoypText in the output of the encoding information has been fixed.
  PDF-462 10.01.2012 14:58:30

  bug-fix - CopyText

22.7 Module pdfsetscale

- With the -margin parameter, margins can be set around the PDF file. The margins are specified by the four sides and the unit (-margin "left bottom right top unit") and enlarge the PDF this way. Example: -margin "10 10 10 10 mm"
  PDF-436 21.10.2011 13:44:35

  new - margin

22.8 Module pdfstamp

- The position of annotations in PDF files is calculated correctly also with negative values for MediaBox.
  PDF-452 25.11.2011 15:58:03

  bug-fix - MediaBox
- In some situations, pdfstamp stamped the last stamp several times on the top of each other. This was hardly visible but the stamp data was contained in the PDF several times. The bug has been fixed.
  PDF-453 01.12.2011 09:38:57

  bug-fix - multiple stamps
- The bug when stamping a PDF file with another PDF file with RotateFlag other than 0, has been fixed.
  PDF-434 11.10.2011 08:49:56

  bug-fix - stamp
- The parameter values for the page selection -p, the offset -off and the position -pos are case-insensitive. This means that ODD,EVEN,LAST or any other combination of lower and upper letters can be specified beside -p odd,even, last.
  PDF-444 11.11.2011 10:21:09

  new - case-insensitive
- Beside meta files, also JPEG files can be stamped (BO_FRAME item in the stamp files). The stamping of JPEG files works like the stamping of meta-files.
  PDF-440 02.11.2011 17:02:01

  new - stamp JPEG file
- pdfstamp requires font information specified via the SEALFONTS environment variable. If the environment variable is not specified, pdfstamp terminates with error 199.
  PDF-383 13.03.2010 10:08:24

  new - font

23 Version 3.3.1.1

23.1 Module General

new - fast Web view

- The fast Web view is switched off if the PLS_PDF_LINEARIZED environment variable is set to 0. All other values switches the fast Web view on.
  PDF-421 24.05.2011 09:56:44

23.2 Module ltiff2pdf

new - UserUnits

- If ltiff2pdf is called with -setuu <value> and a value between 0.0 and 1.0, UserUnits in the PDF file are only used if they are really required. The value can also be set via the T2P_SET_UU environment variable.
  PDF-433 06.10.2011 15:20:41

23.3 Module pdfocrpdf

new - RotateFlag

- As of version 3.9, RotateFlag of the original file is evaluated.
  PDF-422 17.06.2011 09:42:47

23.4 Module pdfopendoc

new - fast Web view

- With the -fastwebview <on|off> parameter or the PLS_PDF_LINEARIZED environment variable, the fast Web view is activated or deactivated. The program parameter takes priority.
  PDF-420 24.05.2011 09:53:27

23.5 Module pdfstamp

bug-fix - memory

- Memory and performance problems have been fixed by using the Adobe Library 9.1.0p3m.
  PDF-413 07.02.2011 18:58:46

new - metafile stamp

- The buffer size for the metafile stamp has been increased so that metafiles with longer polygons can be used for stamping.
  PDF-431 02.09.2011 10:02:18

23.6 Module pdfxmpmeta

bug-fix - empty property ini file

- pdfxmpmeta did not create a result file if the property ini file was empty. As of version 1.2.2, the input file is copied as result file if no items exist with -action set or delete in the ini file.
  PDF-426 19.07.2011 14:51:16

24 Version 3.3.1

24.1 Module ltiff2pdf

- ASCII tags which include an Unicode or UTF-8 encoding may cause problems at further processing. These ASCII tags are ignored and a warning is output. ASCII tags without Unicode or UTF-8 encoding which include characters that are not part of ISO Latin-1 are mapped to blanks.
  PDF-390 25.05.2010 07:52:11
  bug-fix - ASCII tags
- If an error occurs in the last two lines of a TIFF-G4 encoded strip, a message is output and the error is ignored.
  PDF-374 14.01.2010 16:14:35
  new - TIFF error
- The -setuu parameter of ltiff2pdf writes UserUnits into the PDF file. These are necessary to display files larger than 5 meters in Adobe Reader.
  PDF-329 19.12.2008 17:20:12
  new - UserUnit

24.2 Module pdf2ps

- The PDF files which are not allowed to be output, are not converted into PostScript.
  PDF-373 12.01.2010 17:39:45
  new - no conversion
- As of version 3.38, visible cover sheets in PDF files with collection are ignored. All embedded files are output recursively.
  PDF-396 05.08.2010 09:22:42
  new - PDF file with collection
- As of version 3.14, PDF files which include forms with dynamic XFA contents are not processed.
  PDF-341 16.04.2009 16:10:21
  new - XFA

24.3 Module pdfauthorize

- PDF files with signatures can be saved.
  PDF-284 07.01.2008 13:24:22
  new - signature

24.4 Module pdfbookm

- As of version 3.17, the -print parameter writes bookmark information to standard out or into an output file.
  PDF-178 09.11.2006 11:16:14
  new - bookmark information
- As of version 3.19, when generating bookmarks, the first page is used as default if the -p parameter has not been specified.
  PDF-398 05.08.2010 15:12:28
  new - bookmarks
- Font types (bold, italic or normal) may be selected combined.
  PDF-377 02.02.2010 15:36:49
  new - font type

24.5 Module pdfcopycatalog

new - pdfcopycatalog

- The new PDF Tool, pdfcopycatalog, is available for copying document properties.
  PDF-355 04.09.2009 17:04:55

24.6 Module pdfcrop

new - pdfcrop

- The new PDF Tool, pdfcrop, is available for building a section.
  PDF-371 16.12.2009 11:51:15

24.7 Module pdfcrypt

new - no support

- As of version 3.3.1, the PDF Tool pdfcrypt is no longer supported. It has been replaced by the PDF Tool pdfauthorize and the Perl script pdfcrypt.pl.
  PDF-370 16.12.2009 09:39:25

24.8 Module pdfmeta

bug-fix - date

- As of version 3.10, the PDF Tool pdfmeta does not copy wrong date strings from the PDF input file any more.
  PDF-363 20.10.2009 14:19:46

24.9 Module pdfprae

bug-fix - MediaBox

- As of version 3.18, the MediaBox item is written if it is part of the page object.
  PDF-216 07.05.2007 12:03:10

bug-fix - PageDictionary

- As of version 3.15, ID byte strings in the PageDictionary section are written as hexadecimal code.
  PDF-361 14.10.2009 12:12:51

new - authorizations

- As of version 3.18, the privileges of the PDF file are written into the [Encryption] section of standard out. The -encryption parameter must be set.
  PDF-332 29.01.2009 12:23:14

new - collection

- For PDF files with collection, the item Collection="Yes" is written into the DocInfo section.
  PDF-395 05.08.2010 09:11:50

new - included file

- The -embeddedfiles parameter writes included files into the [EmbeddedFiles] section.
  PDF-368 26.11.2009 11:30:46

new - paper format

- With pdfprae all established paper formats can be specified.
  PDF-204 22.03.2007 20:20:14

new - threads/beads

- As of version 1.15, article information (threads and beads) can be output.
  PDF-358 07.10.2009 09:45:03

24.10 Module pdfstamp

- The %PAGE% variable can be used repeatedly. All variables in the stamp text are replaced with the current value of the variable.
  PDF-259 18.09.2007 16:05:36
  bug-fix - %PAGE%
- In the versions 3.3.0 and 3.3.0.1, a PDF/X-conform PDF file no longer accord to the PDF/X norm. Using the Adobe Library 9, the bug has been fixed.
  PDF-380 24.02.2010 11:59:18
  bug-fix - PDF/X
- The bug with the simultaneous usage of -p odd and BO_PAGES_TO_STAMP odd has been fixed.
  PDF-312 17.07.2008 15:05:29
  bug-fix - -p and BO_PAGES_TO_STAMP
- Watermarks in additional stamp files are not generated if watermarks are not used in the main stp file. The bug has been fixed.
  PDF-407 04.10.2010 10:32:11
  bug-fix - watermark
- PDF files with Collection cannot be stamped.
  PDF-397 05.08.2010 09:29:02
  new - collection
- As of version 3.18, pdfstamp supported deletable stamps. After introducing an effective stamp method, the deletable stamps could no longer be deleted. As of version 3.43, the deletable stamps are supported again. For this, the stamp must be marked as deletable with the -sti <name> parameter (sticky) during generation. Later on, the stamp can be deleted with the -d <name> parameter. The names of the marking must match. With this, it is ensured that only somebody who knows the marking name can delete the stamp. SEALSTAMP is used as default name.
  PDF-424 28.06.2011 09:22:47
  new - deletable stamps

24.11 Module pdfxmpmeta

- The new PDF Tool, pdfxmpmeta, is available for reading and writing PDF metadata.
  PDF-352 30.07.2009 15:33:38
  new - pdfxmeta

25 Version 3.3.0.1

25.1 Module General

new - object compression

- The PDF Tools do no longer used the PDSaveCompressStructureOnly object compression. The object compression is not valid for the PDF/A standard.
  PDF-350 24.07.2009 16:39:54

25.2 Module ltiff2pdf

bug-fix - bi-level/ indexed color images

- The bug with converting TIFF files with mixed bi-level and indexed color images has been fixed.
  PDF-346 26.05.2009 14:28:58

new - JPEG compression

- The processing of TIFF files with JPEG compression has been improved. TIFF files which do not match the exact specification of JPEG compression are also converted.
  PDF-354 19.08.2009 15:21:06

new - page numbering

- Checking the page numbering of the TIFF file has been improved. If the TIFF file contains an irregularity in the page numbering (page number bigger than the number of pages, no page number), the pages of the PDF file are not sorted.
  PDF-317 04.09.2008 11:19:08

25.3 Module pdf2p21

bug-fix - object conflict

- The new merge method avoids conflicts with objects that have the same name.
  PDF-340 14.04.2009 15:58:38

25.4 Module pdf2ps

bug-fix - blocks

- The bug with destroyed characters (displayed as blocks) due to font optimization while converting PDF to PostScript has been fixed.
  PDF-381 24.02.2010 15:57:15

new - recursive

- As of version 3.13, the -r (recursive) parameter is available. Using this parameter, all PDF files are attached to the main PostScript file. Other document types are ignored with a corresponding warning.
  PDF-357 22.09.2009 11:47:05

25.5 Module pdfauthorize

bug-fix - Braille device

- The bug that pdfauthorize shows wrong permissions for Braille devices has been fixed.
  PDF-292 26.02.2008 12:25:27

- The -removereadext parameter deletes existent Reader extensions. This is necessary in order that files containing Reader extensions can be processed by pdfauthorize.
  PDF-360 14.10.2009 11:17:12
  new - Reader extensions
- As of version 3.3.0.1, pdfauthorize uses a language table. This language table is controlled via the PLS_LANG environment variable.
  PDF-174 04.10.2006 15:18:28
  new - language table

25.6 Module pdfbookm

- Checking the input file has been improved.
  PDF-297 14.04.2008 17:55:13
  bug-fix - input file
- For the bookmark and hyperlink definition, better error messages are output.
  PDF-359 08.10.2009 09:26:12
  bug-fix - error message
- As of version 3.13, it is possible to specify the properties (such as color, font, open or closed) for each bookmark in the input file.
  PDF-229 08.06.2007 13:33:58
  new - properties
- As of version 3.11 of pdfbookm, leaps in the bookmark hierarchy larger than one are filled with empty bookmarks.
  PDF-103 07.09.2005 11:51:27
  new - hierarchy

25.7 Module pdfcompress

- Decompressing by pdfcompress works again.
  PDF-375 18.01.2010 07:37:49
  bug-fix - pdfcompress

25.8 Module pdfcopycatalog

- The -pdfa parameter transfers the ConformanceLevel. Thus, the parameter is responsible for the adjustment of the metadata to PDF/A.
  PDF-362 14.10.2009 13:38:04
  new - metadata

25.9 Module pdfjoin

- With the -bk parameter, a bookmark file can be specified for building a variable bookmark structure. The hierarchy level, the color, the font type, the bookmark text and the property "open" or "closed" can be specified for each input file or globally.
  PDF-327 24.11.2008 07:31:59
  new - bookmark structure

25.10 Module pdfmeta

- The metadata is checked for validity before it is copied. If necessary and possible, the metadata is corrected.
  PDF-351 30.07.2009 15:06:48
  new - validity of metadata

25.11 Module pdfopendoc

new - viewer preferences

- As of version 3.6, viewer preferences can be set with the -p parameter.
  PDF-353 30.07.2009 18:26:04

25.12 Module pdfsetscale

bug-fix - character

- Using pdfsetscale and pdfstamp, characters have been shifted. The bug has been fixed by updating to Adobe Library 8.1.0.
  PDF-386 31.03.2010 09:41:01

25.13 Module pdfstamp

bug-fix - character

- Using pdfsetscale and pdfstamp, characters have been shifted. The bug has been fixed by updating to Adobe Library 8.1.0.
  PDF-386 31.03.2010 09:41:01

bug-fix - rotation

- The bug when evaluating the rotation has been fixed.
  PDF-325 10.11.2008 17:57:43

new - file size

- While using the new stamp method, the file size is minimized.
  PDF-270 16.10.2007 11:47:51

new - MediaBox and CropBox

- While using the new stamp method, MediaBox and CropBox from the stamp file are always evaluated.
  PDF-276 26.10.2007 12:12:23

new - redesign

- pdfstamp has been redesigned. So far, the stamp graphic was included directly on each page. Now, a XObject is created for the document and a reference to this XObject is included on each page only. Thus, PDF files with many pages can be created faster and with smaller file sizes. If the stamp contains a page number, this effect is lost due to then a XObject must be generated for each page.
  PDF-324 27.10.2008 10:12:09

new - invisible stamp

- As of version 3.31, pdfstamp can generate invisible stamps. Using the new SEAL Fonts is required.
  PDF-339 14.04.2009 09:03:49

new - watermark

- As of version 3.32, pdfstamp can stamp a PDF file specified with the -stp parameter as a watermark under the original file.
  PDF-337 23.03.2009 13:50:11

26 Version 3.3.0

26.1 Module General

- The Adobe Library 8.1.0 is used for all operating systems. — new - Adobe Library
  PDF-237 30.08.2007 12:00:08
- PDF Tools which generate PDF files write "Producer "SEAL Systems - PDF Tools 3.3.0" into Producer in the DocInfo section. These PDF Tools are: gif2pdfc, jpeg2pdfc, pdfarrange, pdfdck, pdferrsheet, pdfjoin, pdfmerge, pdfsplit, pdfstamp, tiff2pdfc. All other PDF Tools do not change the Producer entry. — new - producer
  PDF-308 17.06.2008 16:46:01

26.2 Module gtiff2pdf

- The program gtiff2pdf is no longer supported. It will be replaced by the program ltiff2pdf. PDF Tools version 3.3.x will still contain the gtiff2pdf program. As of version 3.4, gtiff2pdf no longer is supported. — new - no longer supported
  PDF-319 22.09.2008 08:28:44

26.3 Module pdf2p21

- Paper formats different from DIN A5 are output correctly. — bug-fix - paper format
  PDF-285 15.01.2008 12:15:28

26.4 Module pdf2ps

- Using the Adobe Library 8.1.0 fixes a bug when embedding fonts. — bug-fix - font
  PDF-295 03.03.2008 09:49:38
- The parameter -converttotype42 converts TrueType fonts of the PDF file into PostScript Type42 fonts. By default, TrueType fonts are converted to Type1 fonts in the PostScript file. — new - font
  PDF-300 02.05.2008 12:26:16

26.5 Module pdfauthorize

- Empty passwords strings are no longer interpreted as passwords. — bug-fix - empty password
  PDF-248 06.09.2007 11:40:27
- Texts which are marked as bitmaps sometimes change their color. Using the Adobe Library 8.1.0, the bug has been fixed. — bug-fix - text
  PDF-306 06.06.2008 15:19:29
- The encoding method ENCRYPTION_METHOD_TWOFISH encodes words and therefor also visible passwords. These encoded passwords can be decoded by the PDF Tools pdfcrypt and pdfauthorize and can be further used for en- or decoding PDF files. — new - encryption
  PDF-309 25.06.2008 12:14:01

26.6 Module pdfbookm

new - bookmark, hyperlink

- As of version 3.9 external bookmarks and hyperlinks may point to any file types. The corresponding application is started by the Acrobat Reader.
  PDF-234 07.08.2007 12:08:17

26.7 Module pdfcrypt

new - encryption

- The encoding method ENCRYPTION_METHOD_TWOFISH encodes words and therefor also visible passwords. These encoded passwords can be decoded by the PDF Tools pdfcrypt and pdfauthorize and can be further used for en- or decoding PDF files.
  PDF-309 25.06.2008 12:14:01

26.8 Module pdfmerge

new - article thread

- Article threads of all documents to be combined are resumed into the collective document.
  PDF-80 20.04.2005 12:36:11

26.9 Module pdfmeta

new - keywords

- Some keywords are specified by the Adobe Library or due to their contents. Keywords are checked whether they are allowed to be changed or not. If a forbidden keyword is to be modified, an error message is displayed.
  PDF-227 24.05.2007 15:02:41

26.10 Module pdfprae

bug-fix - Adobe Library

- Bugs like "Dictionary keys must be direct name objects" within the Adobe Library has been fixed by using the Adobe Library 8.1.
  PDF-66 15.02.2005 13:28:41

bug-fix - book-mark

- Erroneous bookmark structures are interpreted correctly. A significant error message is displayed.
  PDF-278 31.10.2007 13:31:12

new - MediaBox, CropBox

- The PDF Tool pdfprae works correctly while the MediaBox or the CropBox have been rotated. By default, the MediaBox is characterized by the left lower and the right upper corner. This sequence can be changed now.
  PDF-262 27.09.2007 11:26:18

26.11 Module pdfstamp

bug-fix - stamp

- A bug with transparent stamps has been fixed. With one stamp text only, the stamp background has not been transparent, but opaque.
  PDF-254 12.09.2007 16:37:41

- The page selection in the stamp layout file has been activated by the wrong keyword B0_PAGES_TO_STAMP (B "null") instead of BO_PAGES_TO_STAMP. The typo has been fixed. Due to compatibility reasons, both notations are allowed.
  PDF-303 19.05.2008 17:56:28
- When stamping with a PDF file, font information will be integrated even if a font with the same name already exists in the original PDF file. In this case, the internal font name as well as any reference to this font will be changed.
  PDF-52 28.09.2004 15:59:00

27 Version 3.2.1

27.1 Module General

new - font

- The fonts were revised and simplified. Furthermore, the font module contains new fonts which support Unicode and PDF/A generation. Due to the flexible structure, new fonts can easily be created and customer-specific fonts can easily be integrated and administrated for each project. The new font package is used by all SEAL Systems products. For activating, the environment variable SEALFONTS has to be set. The variable points to the directory where the font data is stored (by default, $PLSTOOLS/fonts). The environment variable is set via 280.sealfonts.env. For supporting Unicode, the variable SEAL_DEFAULT_CODEPAGE has to be set to UTF8. By default, the character set ISO-LATIN-1 or the SEAL character set is used.
  PDF-279 27.11.2007 10:25:04

27.2 Module gif2pdfc

new - PDF/A

- Using the -pdfa parameter, a PDF/A-conform PDF file with XML data and Output Intents will be generated. For this, the ICC file srgb.icc will be search for in the directory specified by the SEALRESOURCEPATH environment variable.
  PDF-213 17.04.2007 13:15:11

27.3 Module gtiff2pdf

new - color profile

- The program gtiff2pdf 1.1.8 searches the color profile file using the SEALRESOURCEPATH environment variable additionally.
  PDF-290 11.02.2008 12:10:22

27.4 Module jpeg2pdfc

new - PDF/A

- Using the -pdfa parameter, a PDF/A-conform PDF file with XML data and Output Intents will be generated. For this, the ICC file srgb.icc will be found in the directory which is defined by the environment variable SEALRESOURCEPATH.
  PDF-215 23.04.2007 11:43:46

new - progressive encoding

- As of version 3.4, JPEG files with progressive encoding are converted, too.
  PDF-62 28.12.2004 11:05:19

27.5 Module ltiff2pdf

bug-fix - creator in PDF metadata

- The bug that the items "title" and "creator" in the PDF metadata are set to the same value, has been fixed.
  PDF-251 11.09.2007 16:21:06

bug-fix - missing color profile

- ltiff2pdf now reports a non-zero exit code if the color profile file is not found and, thus, no longer leaves an erroneous PDF file.
  PDF-214 18.04.2007 10:59:25

- The bug with interchanged pages when converting TIFF into PDF with ltiff2pdf has been fixed. bug-fix - order
  PDF-203 22.03.2007 13:14:24
- When the input file did not accord to TIFF or if the specified TIFF file did not exist, an erroneous PDF file was generated. Now, the PDF generation is aborted with an error message and no PDF file is generated. bug-fix - TIFF
  PDF-249 11.09.2007 12:30:49
- By default, ltiff2pdf now encodes TIFF-G4 data to be able to recognize erroneous data. This prevents from creating a PDF file with wrong G4 data without an error message. new - erroneous data
  PDF-221 10.05.2007 15:41:14
- ltiff2pdf has been enhanced by the generation of PDF/A-compatible files. new - PDF/A
  PDF-210 05.04.2007 18:20:03
- ltiff2pdf now accepts TIFF-images with compression 2, 3 and 4, which do not have the tag photometric interpretation. Uncompressed TIFF-images with bits per sample = 1 and samples per pixel =1 and missing photometric interpretation are also accepted. new - photometric interpretation
  PDF-181 23.11.2006 16:34:08

27.6 Module pdf2p21

- As of version 3.5, all portrait DIN sizes will be handled again not only DIN A4 portrait. The precondition is that the files are all of the same size. bug-fix - paper format
  PDF-189 12.01.2007 12:53:22

27.7 Module pdf2ps

- Now 3-dimensional PDF files will be converted to PostScript format completely with the 3-dimensional default view. bug-fix - 3D PDF file
  PDF-165 17.07.2006 09:20:58

27.8 Module pdfauthorize

- The generation of an output file when encrypting a PDF file has been improved. bug-fix - encrypt
  PDF-185 19.12.2006 10:13:36

27.9 Module pdfcrypt

- The decryption of PDF files containing octal strings has been improved. bug-fix - decrypt
  PDF-161 28.06.2006 16:53:28
- The bug when stamping has been fixed. bug-fix - stamp
  PDF-180 22.11.2006 11:44:24
- The checking of the encryption of special PDF files has been improved. bug-fix - encrypt
  PDF-125 09.01.2006 13:41:06

new - script

- The pdfcrypt program has been extended by the new PDF Tool pdfauthorize. Both PDF tools are combined in the pdfcrypt.pl script, which uses both tools as they are needed.
  PDF-110 12.10.2005 17:59:48

27.10 Module pdfjoin

new - PDF/A

- The new -nopdfa and -forcepdfa parameters affect the behavior of the PDF/A conformity. Using the -nopdfa parameter, no special operation is executed in order to reach PDF/A conformity. Output Intents may not be copied and fonts may not be embedded. Using the -forcepdfa parameter, the program tries to reach PDF/A conformity. If possible and allowed, output intents are copied. Unless at least one of the input files is PDF/A conform, an error is displayed while using the -forcepdfa parameter. pdfjoin does not have the functionality of PDF Checker and PDF Adjust. If the PDF items pdfaid:conformance and pdfaid:part have been specified in the input file, but the file is not PDF/A conform, the output file will not be PDF/A conform. While updating pdfstamp notice that PDF fonts have to be included to reach PDF/A conformity. These fonts are defined in the file default.db. The first 13 items in the font list describe the standard PDF fonts. These fonts must not be modified. Further fonts may only be added to the font list. While updating an older version of pdfstamp to version 3.19 or higher, the font indices of the configuration file default.db should be checked because the sequence of the fonts has changed.
  PDF-266 05.10.2007 17:01:54

27.11 Module pdfmerge

bug-fix - bookmark

- The merging of documents with special entries in the bookmark information has been improved.
  PDF-184 13.12.2006 17:35:50

bug-fix - font

- A bug in font capturing in Adobe Library 7.0.1 has been fixed.
  PDF-131 14.02.2006 09:26:21

- The new -nopdfa and -forcepdfa parameters affect the behavior of the PDF/A conformity. Using the -nopdfa parameter, no special operation is executed in order to reach PDF/A conformity. Output Intents may not be copied and fonts may not be embedded. Using the -forcepdfa parameter, the program tries to reach PDF/A conformity. If possible and allowed, output intents are copied. Unless at least one of the input files is PDF/A conform, an error is displayed while using the -forcepdfa parameter. pdfjoin does not have the functionality of PDF Checker and PDF Adjust. If the PDF items pdfaid:conformance and pdfaid:part have been specified in the input file, but the file is not PDF/A conform, the output file will not be PDF/A conform. While updating pdfstamp notice that PDF fonts have to be included to reach PDF/A conformity. These fonts are defined in the file default.db. The first 13 items in the font list describe the standard PDF fonts. These fonts must not be modified. Further fonts may only be added to the font list. While updating an older version of pdfstamp to version 3.19 or higher, the font indices of the configuration file default.db should be checked because the sequence of the fonts has changed.
  PDF-267 05.10.2007 17:05:51

  new - PDF/A

27.12 Module pdfsetparms

- pdfsetparms checks if the key words may be changed. The following keywords cannot be set via pdfsetparms: Type, Pages, MediaBox and CropBox.
  PDF-202 21.03.2007 15:11:22

  new - keywords

27.13 Module pdfsetscale

- UserUnits are taken into account with pdfsetscale 3.6 even if no scaling has been specified explicitly.
  PDF-183 13.12.2006 12:00:08

  bug-fix - UserUnits
- If a PDF file is enlarged by changing the crop or media box, the clip path is taken into account so that eventually existing objects outside this area will not appear.
  PDF-168 04.09.2006 17:32:25

  new - MediaBox, CropBox
- With the -setuu parameter, user units can be specified. If the value is greater than 1, the value will be calculated and set automatically. Thus, it is possible to create PDF files of any size. With the -resuu parameter, user units will be removed and the measurements will be converted accordingly.
  PDF-173 29.09.2006 14:00:24

  new - UserUnits

27.14 Module pdfstamp

- A bug in the positioning of PDF files using the -pos and -off parameters has been fixed.
  PDF-160 12.06.2006 14:05:59

  bug-fix - position

bug-fix - stamp

- If the UserUnit is used when stamping a PDF file, also the offset given by -off will be evaluated correctly.
  PDF-192 09.02.2007 11:53:51
- Pattern information are taken into account when stamping.
  PDF-191 08.02.2007 14:19:04
- Pattern information will be combined correctly when stamping.
  PDF-166 27.07.2006 09:56:49
- The positioning of stamps has been improved.
  PDF-91 28.07.2005 11:54:31

new - box

- pdfstamp evaluates new STP items: BO_MAXIMIZE maximizes the box until it reaches the borderline. BO_ON_SCALEFACTOR only displays the box, if the scaling factor, which is 1.0 in any case here, is located within the specified area. TX_TEXT is the text that is used, if no text has been specified.
  PDF-163 06.07.2006 17:31:33

new - error message

- Errors in the STP file will be output with section and keyword.
  PDF-162 06.07.2006 17:08:34

new - PDF/A

- The new -nopdfa and -forcepdfa parameters affect the behavior of the PDF/A conformity. Using the -nopdfa parameter, no special operation is executed in order to reach PDF/A conformity. Output Intents may not be copied and fonts may not be embedded. Using the -forcepdfa parameter, the program tries to reach PDF/A conformity. If possible and allowed, output intents are copied. Unless at least one of the input files is PDF/A conform, an error is displayed while using the -forcepdfa parameter. pdfjoin does not have the functionality of PDF Checker and PDF Adjust. If the PDF items pdfaid:conformance and pdfaid:part have been specified in the input file, but the file is not PDF/A conform, the output file will not be PDF/A conform. While updating pdfstamp notice that PDF fonts have to be included to reach PDF/A conformity. These fonts are defined in the file default.db. The first 13 items in the font list describe the standard PDF fonts. These fonts must not be modified. Further fonts may only be added to the font list. While updating an older version of pdfstamp to version 3.19 or higher, the font indices of the configuration file default.db should be checked because the sequence of the fonts has changed.
  PDF-269 09.10.2007 16:26:43

new - page number

- As of version 3.14, the numbering of the pages via %PAGE% and %PAGES% can be modified using the -startpagecount and -totalpagecount parameters. If startpagecount has been specified, this value will be added at the current time. If totalpagecount has been specified, %PAGES% will always be set to this value, independent of the number of pages actually contained the document.
  PDF-115 08.11.2005 09:25:27

new - stamp

- Alternatively to the -p parameter, the selection of the pages to be stamped can be specified in an input file specified with the -i parameter. The evaluation of this input file has been improved.
  PDF-154 25.04.2006 18:25:44

- Default stamp texts in the STP file were up to now only allowed to have a length of 19 characters, despite of the fact that elsewhere stamp texts are allowed to have 256 characters. Now, the default texts in the STP file with the keyword TX_TEXT are allowed to have a length of 256 characters.
  PDF-226 21.05.2007 12:35:17
- Up to 100 stamps are supported.
  PDF-164 12.07.2006 10:49:38
- Genuinely transparent stamps are now available. In the stamp configuration file, still the entry BO_CONTENTS GRAY_STAMP has to be set. The type of these stamps is now controlled via the -graystamp <mode> parameter. For -graystamp, three values are available: -graystamp simulated generates gray simulated stamps with a black and white pattern. -graystamp gray generates genuinely transparent gray stamps. -graystamp color generates genuinely transparent colored stamps. Default is -graystamp simulated according to the former program behavior.
  PDF-201 08.03.2007 17:55:57

  new - transparency

27.15 Module tiff2pdfc

- Using the -pdfa parameter, a PDF/A-conform PDF file with XML data and Output Intents will be generated. For this, the ICC file srgb.icc will be found in the directory which is defined by the environment variable SEALRESOURCEPATH.
  PDF-212 16.04.2007 19:27:31

  new - PDF/A

28 Version 3.2.0

28.1 Module General

new - annotation

- Annotations are rotated if RotationFlag has been set.
  PDF-34 29.06.2004 12:47:46

28.2 Module pdfbookm

bug-fix - bookmark

- The PDF Tool pdfbookm generates Unicode bookmarks if necessary. In all other cases, ASCII bookmarks are generated.
  PDF-136 15.02.2006 10:52:09

bug-fix - input file

- Hyperlinks and bookmarks can be specified in an input file. The input file may contain hyperlinks only.
  PDF-56 04.11.2004 08:54:32

new - bookmark, hyperlink

- Hyperlinks and bookmarks can be specified in color. With "-rgb rgb" (int), "-rgb #RRGGBB" (hex) or "-rgb #rrrgggbbb" (dec), the color of the hyperlink is specified. For example: "-rgb 100" for red, "-rgb #FF00FF" for magenta or "-rgb #000000255" for blue. The colors for the bookmarks are specified with the -bkrgb parameter in the same way.
  PDF-73 06.04.2005 16:57:45

new - closed

- The -closed parameter generates closed hierarchical bookmarks. Without the parameter, open bookmarks are created.
  PDF-102 06.09.2005 16:13:41

28.3 Module pdfjoin

new - link

- The new PDF tool, pdfjoin, replaces pdfmerge for simple merging tasks.
  PDF-72 24.03.2005 17:40:18

28.4 Module pdfmerge

bug-fix - PDF variant

- The bug "This file must be saved with a full save" occurring with a special PDF variant has been fixed.
  PDF-106 04.10.2005 16:02:16

new - version

- The PDF file, that has been generated by the PDF Tool pdfmerge gets as a version number the highest version number of all linked PDF files.
  PDF-44 12.08.2004 11:34:18

28.5 Module pdfmeta

new - metadata

- The PDF Tool pdfmeta writes metadata in a PDF file and reads them.
  PDF-130 06.02.2006 18:45:27

28.6 Module pdfprae

- Bookmarks information saved in arrays is displayed with the target page when the -i 2 parameter has been set. bug-fix - bookmark
  PDF-129 31.01.2006 19:47:01
- pdfprae processes Unicode bookmarks correctly. bug-fix - Unicode
  PDF-134 15.02.2006 10:04:22
- The output of the bookmarks with the parameter -i 2 has been enhanced. new - bookmark
  PDF-147 21.03.2006 19:07:54
- As of version 3.8 the PDF Tool pdfprae interprets the PDF attribute UserUnit. This functionality is available as of PDF 1.6 and allows despite limited PDF coordinates (14400 pts matches to 200 x 200 inch) nearly any size of PDF file. UserUnit is the factor, that is multiplied with the coordinates. Default of UserUnit is 1. new - UserUnits
  PDF-141 06.03.2006 15:59:58

28.7 Module pdfsetscale

- The position of the annotations is considered while scaling the file. bug-fix - annotation
  PDF-113 26.10.2005 13:49:20
- The scaling of special PDF files has been optimized. bug-fix - scale
  PDF-81 22.06.2005 13:53:03

28.8 Module pdfstamp

- pdfstamp processes a shifted CropBox. new - CropBox
  PDF-105 16.09.2005 12:50:10
- The names of the box and text definitions in the stamp layout file may have 20 characters analog to PLOSSYS netdome. new - stamp
  PDF-108 06.10.2005 13:44:29
- The checking of the stamp layout file has been improved. new - stp file
  PDF-114 02.11.2005 14:53:58

29 Version 3.1.0

29.1 Module pdfbookm

bug-fix - bookmark

- The integration of bookmarks has been optimized.
  PDF-77 14.04.2005 19:38:38

new - position

- With the -prepend parameter, pdfbookm inserts a bookmark entry in front of the existent bookmarks.
  PDF-45 24.08.2004 10:14:21

new - Unicode

- Bookmarks can be specified in Unicode.
  PDF-107 05.10.2005 11:41:31

new - invisible hyperlinks

- Invisible hyperlinks can be generated. With the -rgb parameter, colored hyperlinks are specified. "-rgb 111" means white so far. Now, "-rgb 111" or "-rgb none" generates invisible hyperlinks. White hyperlinks can be generated by specifying "-rgb #FFFFFF" or "-rgb #255255255".
  PDF-55 04.11.2004 08:48:29

29.2 Module pdfcrypt

new - parameters

- The -lowres and -fillfields parameters are available in the PDF Tool pdfcrypt.
  PDF-9 19.05.2003 14:15:03

29.3 Module pdfprae

bug-fix - PDF analysis

- The PDF analyses has been more fault-tolerant. A bug with a special PDF constellation has been fixed.
  PDF-89 25.07.2005 23:04:08

bug-fix - PDF objects

- The output of special PDF objects in pdfprae has been improved.
  PDF-121 06.12.2005 11:40:25

29.4 Module pdfstamp

new - path

- The path names of metafiles in stp files may include both / and \.
  PDF-120 05.12.2005 16:37:09

new - stamp

- The stamping of several PDF variants has been improved.
  PDF-27 26.03.2004 10:04:26

30 Version 3.0.1

30.1 Module pdfcrypt

- The PDF Tool pdfcrypt only creates PDF 1.4 files if 128 bit encoding is desired and the input file is PDF 1.3 or lower. bug-fix - PDF version
  PDF-43 12.08.2004 11:25:29

31 Version 3.0.0

31.1 Module pdfcrypt

bug-fix - ID

- The bug that the PDF Tool pdfcrypt crashes while reading the ID has been fixed.
  PDF-104 08.09.2005 15:00:11