

pdfaPilot Validator CLI

Manual

pdfaPilot Validator CLI – Manual – Last modified: 9 May 2007

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pdfaPilot Validator CLI command line options

Overview

pdfaPilot Validator CLI may be used to analyse files for PDF/A compliancy.

Usually pdfaPilot Validator CLI is started with:

```
pdfaPilotValidator <PDF file>
```

PDF file

may be one or a number of input files to be analysed

Special cases

pdfaPilotValidator -k <name> <company> <keycode>

allows to register the software with a valid keycode

name name of licensee (for multiple words use surrounding quotes)

company company name (for multiple words use surrounding quotes)

keycode can be obtained from callas software

Note: To ensure to have sufficient user rights when registering the software on Solaris, Linux and Mac OS platforms the command line call should be invoked using "sudo" (super user password needed):

```
sudo pdfaPilotValidator -k <name> <company> <keycode>
```

pdfaPilotValidator --help or -h

displays usage information

pdfaPilotValidator --version

shows the program version

pdfaPilotValidator --status

shows the status information including all possibly used return values

General Report options

For each pdfaPilot Validator CLI run several reports may be generated by inserting --report or -r switches into the pdfaPilot Validator CLI call. Following all options and reporttypes are listed. The options of --report are treated case insensitive and have to be separated by commas.

```
pdfaPilotValidator [--report=<reportoptions>,<reportfile>] <input file>
```

When shall a report be generated?

ALWAYS (default) always create a report

IFNOPDFA create a report only if the file is not a valid PDF/A file

IFPDFA create a report only if the file is a valid PDF/A file

The language in which the report is generated is defined by:

--language or -g

Default language is English (en). The language is specified by using a two digit abbreviation. The following values can be used in the standard configuration:

German: de

English: en

Report types and their options

HTML report (default): HTML

A html file is created. The format may be modified by combining this option with other options. It can be opened by any webbrowser.

XML

XML file which is intended to be processed with software (parsers). The scheme of the XML report structure can be found within the xsd-file stored in "`\var\XMLV2 report schema\`".

Additional options for HTML reports

All following switches may be simultaneously used in order to add different types of additional content.

NOICONS

Create a report without any images

NOEXPLANATION

Suppress explanation pages

NODETAILS

Suppress details for the occurrences

OPENRESULT

All entries in the report are opened in Initial view (closed by default if JavaScript is enabled)

Report path

Full path of report file

The report path must not contain any commas.

Examples:

```
--report=HTML,NOICONS,OPENRESULT,C:\Sample.html
```

```
-r=Xml,"C:\Sample report.xml"
```

Customizing your report

If you create a HTML report, you can completely customize it by adapting the CSS-File to your needs. You can even exchange the pictures.

You can find all material used for the HTML reports within the folder "`\etc\reporttemplate`" in your pdfaPilot Validator CLI directory.

Command line output

--noprogress

switch off progress information

--nosummary

switch off summary information

--nohits

switch off output of hits (errors, warnings, information)

--timestamp

show a timestamp for each line of command line output

PDF/A file analysis

pdfaPilot Validator CLI checks if the input file is a valid PDF/A-1b file by default.

You can influence this option with the level switch.

--level (default 1b)

Change the PDF/A level (either 1a or 1b)

Examples:

```
pdfaPilotValidator --level=1a <PDF files>
```

Further options

--overwrite

new files override existing files with the same name (applies to report files and to created PDF files)

--profile or -p

full path to a kfp file (exported from Preflight Adobe Acrobat 8 or 7) defining additional checks (for more details see section "Analysis").

--quick or -q

analysis is stopped after the first detection of an error (only applied if no report is generated)

--linkpath

HTML reports are generated without exporting referenced objects. This option requires a path (URL) to a folder where the referenced objects reside (Default: folder "\etc\reporttemplate" in pdfaPilot Validator CLI directory)

Example:

```
--linkpath="file:\\Programme\pdfaPilot Validator CLI\etc\reporttemplate"
```

Analysis

Default

The included profiles in pdfaPilot Validator CLI analyse the given files for PDF/A compliancy. You can define which PDF/A level you need, either 1a or 1b (by default it is 1b).

```
pdfaPilotValidator --level=<compliance level> <input file>
```

Using additional profiles

To analyse PDF files beyond the PDF/A compliancy to meet your specific needs you can call additional profiles (taken from pdfInspektor CLI or the Preflight Plug-in of Adobe Acrobat).

```
pdfaPilotValidator --profile=<profile> <input file>
```

In order to generate, modify or view these profiles you need Adobe Acrobat 8 Professional (Windows or Macintosh). pdfaPilot Validator CLI is able to work with all profiles set up with the Preflight module of Acrobat 8. Default profiles of pdfInspektor CLI may as well be used.

In order to use a certain profile you will have to export it as a profile package (*.kfp -file).

Important note: Fixups defined in the profile package are not executed in pdfaPilot Validator CLI! If a profile exported from Preflight contains Fixups, they are ignored. Conversions to PDF/X or PDF/A contained in an additional profile are also ignored.

Using pdfaPilot Validator CLI with batchfiles or shellscripts

Comments

In the pdfaPilot Validator CLI program folder you will find a sample batch-file/shellscrip. If you start this batch/shellscrip you will first see a menu of several example pdfaPilot Validator CLI calls. You may either check a single sample file, analyse all PDF files in a certain folder, create reports in different languages, see the helptext or open the manual in Acrobat. Start sample.bat/sample.sh to see the menu.

pdfaPilot Validator CLI return codes

pdfaPilot Validator CLI return codes and their usage

pdfaPilot Validator CLI return codes

- 0: PDF is a valid PDF/A-file and additional checks without problems
- 1: PDF is a valid PDF/A-file but additional checks with problems - severity info
- 2: PDF is a valid PDF/A-file but additional checks with problems - severity warning
- 3: PDF is a valid PDF/A-file but additional checks with problems - severity error
- 5: PDF is not a valid PDF/A-file, additional checks without problems
- 6: PDF is not a valid PDF/A-file and additional checks with problems - severity info
- 7: PDF is not a valid PDF/A-file and additional checks with problems - severity warning
- 8: PDF is not a valid PDF/A-file and additional checks with problems - severity error

On a windows computer the return code may be accessed by using the system variable "errorlevel", on a Linux/Sun Solaris/Mac OS X computer \$? can be used.