

Additional PDF keys inserted by pdfTEX

Version 0.12

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May 10, 2002

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Version 0.12 – 2002-05-10

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1. Introduction

A PDF document should contain only the structures and attributes defined in the PDF specification [2]. But the specification allows applications to insert additional keys, provided they follow certain rules [2, Appendix F].

The most important rule is that developers have to register with Adobe prefixes for the keys they want to insert. This has been done for pdf \TeX : Hans Hagen has registered the prefix “PTEX”.

As this prefix is all caps keys should start with an additional “.”.

1.1. History

Table 1.1.: History

Version	When	Who	What
0.12	2002-05-10	Martin Schröder	Fixed typo in Copyright; refer to [2] instead of [1] and updated the terminology.
0.11	2001-11-05	Martin Schröder	Added PTEX.InfoDict
0.1	2001-10-10	Martin Schröder	Initial version

2. XObjects (included PDF)

pdfTeX generates an XObject for every included PDF. The dictionary of this object contains these additional keys:

Table 2.1.: Attributes in XObjects of included PDF

<i>Key</i>	<i>Type</i>	<i>Semantics</i>
PTEX.FileName	string	The name of the included file as seen by pdfTeX.
PTEX.InfoDict	dictionary	<i>(Indirect)</i> The document information dictionary of the included PDF.
PTEX.PageNumber	integer	The page number of the included file.

3. Document Catalog

Although it would seem more natural to put this information in the document information dictionary, the PDF reference says [2, p. 575]:

Although viewer applications can store custom metadata in the document information dictionary, it is inappropriate to store private content or structural information there; such information should be stored in the document catalog instead (see Section 3.6.1, Document Catalog).

Table 3.1.: Catalog attributes

<i>Key</i>	<i>Type</i>	<i>Semantics</i>
PTEX.Fullbanner	string	The full version of the pdfTeX binary that produced the file as displayed by <code>pdftex --version</code> , e. g. “This is pdfTeX, Version 3.14159-1.00a-pretest-ArtCom-20011008”. This is necessary because the string in the Producer key in the Info dictionary is rather short, e. g. “pdfTeX-1.0a-pdfcrypt”.

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