

NAME

pdfsig – Portable Document Format (PDF) digital signatures tool

SYNOPSIS

pdfsig [options] [*PDF-file*] [*Output-file*]

DESCRIPTION

pdfsig verifies the digital signatures in a PDF document. It also displays the identity of each signer (commonName field and full distinguished name of the signer certificate), the time and date of the signature, the hash algorithm used for signing, the type of the signature as stated in the PDF and the signed ranges with a statement whether the total document is signed. Moreover, with option **-sign** it can sign a PDF document.

The signer certificate validation uses the trusted certificates stored in the Network Security Services (NSS) Database. The NSS Database is searched for in the following locations:

- If the **-nssdir** option is specified, the directory specified by this option.
- The NSS Certificate database in the default Firefox profile. i.e. \$HOME/.mozilla/firefox/*.default.
- The NSS Certificate database in /etc/pki/nssdb.

OPTIONS**-nssdir [prefix]directory**

Specify the database directory containing the certificate and key database files. See certutil(1) -d option for details of the prefix. If not specified the other search locations described in **DESCRIPTION** are used.

-nocert

Do not validate the certificate.

-dump Dump all signatures into current directory. **-sign number** Sign the document in the signature field with the given number.

-nick nickname

Use the certificate with the given nickname for signing.

-kpw password

Use the given password for the signing key (this might be missing if the key isn't password protected).

-digest algorithm

Use the given digest algorithm for signing (default: SHA256).

-reason reason

Set the given reason string for the signature (default: no reason set).

-etsi Create a signature of type ETSI.CAdES.detached instead of adbe.pkcs7.detached.

-v Print copyright and version information.

-h Print usage information. (**-help** and **--help** are equivalent.)

AUTHOR

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SEE ALSO

pdfdetach(1), **pdffonts(1)**, **pdfimages(1)**, **pdfinfo(1)**, **pdftocairo(1)**, **pdftohtml(1)**, **pdftoppm(1)**, **pdftops(1)**, **pdftotext(1)** **pdfseparate(1)**, **pdfunite(1)** **certutil(1)**