

Metadata

Genma

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Metadata

Metadata

What is metadata ?

Metadata consists of information that characterizes data (e.g. Word documents, pictures, music files, etc).

In essence, metadata answers who, what, when, where, why, and how about every facet of the data that is being characterized.

Metadata



Metadata

Why metadata can be a risk for your privacy?

Metadata within a file can tell a lot about you.

Cameras record data about when a picture was taken and what camera was used.

Office documents like pdf or Office automatically add author and company information to documents and spreadsheets.

Maybe you don't want to disclose this information on the web.

MAT

MAT

Proudly powered by Python, and using Hachoir as much as possible, MAT was originally

MAT automatically creates a copy of the original documents in a clean version (leaving the original intact)

MAT is provided by default in the live-cd Tails.

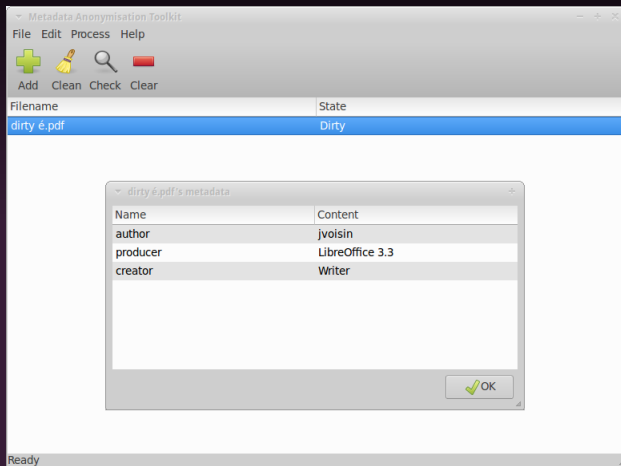
MAT

Currently supported formats

For now, MAT fully supports the following formats :

- Portable Network Graphics (.png)
- JPEG (.jpg, .jpeg, ...)
- Open Documents (.odt, .odx, .ods, ...)
- Office OpenXml (.docx, .pptx, .xlsx, ...)
- Portable Document Fileformat (.pdf)
- Tape ARchives (.tar, .tar.bz2, ...)
- MPEG AUdio (.mp3, .mp2, .mp1, ...)
- Ogg Vorbis (.ogg, ...)
- Free Lossless Audio Codec (.flac)
- Torrent (.torrent)

MAT



MAT

Why MAT is not the ultimate solution ?

Mat only removes metadata from your files, it does not anonymise their content, nor handle watermarking, steganography, or any overly customized metadata field/system.

If you really want to be anonymous, use formats that do not contain any metadata, or better : use plain-text. And most important, be careful : every format can be watermarked, even plain text ! (e.g. the SNOW project)

Other software

Alternatives

- Exiftool :
<http://www.sno.phy.queensu.ca/~phil/exiftool/>
- exiv2 : <http://www.exiv2.org/>
- jhead : <http://www.sentex.net/~mwandel/jhead/>
- Metanull