File Metadata and working with it

Files created on our PC contain metadata that you might not want the public, for example here is the original file meta data on the one of the other blog articles:

```
ExifTool Version Number        : 12.76
File Name                      : KaliLinuxforOSINTPIreviews.pdf
Directory                      : .
File Size                      : 218 kB
File Modification Date/Time    : 2024:08:19 06:20:22-05:00
File Access Date/Time          : 2024:08:19 06:20:22-05:00
File Inode Change Date/Time    : 2024:08:19 06:20:22-05:00
File Permissions               : -rw-r--r--
File Type                      : PDF
File Type Extension            : pdf
MIME Type                      : application/pdf
PDF Version                    : 1.7
Linearized                     : No
Page Count                     : 5
Language                       : en
Tagged PDF                     : Yes
XMP Toolkit                    : Image::ExifTool 12.76
Creator                        : Batman
Author                         : Batman
Producer                       : Microsoft® Word 2021
Create Date                    : 2024:08:16 06:13:21-05:00
Creator Tool                   : Microsoft® Word 2021
Modify Date                    : 2024:08:16 06:13:21-05:00
Document ID                    : uuid:8AEE87AF-F91C-49FB-B3B4-A1A6502A4A66
Instance ID                    : uuid:8AEE87AF-F91C-49FB-B3B4-A1A6502A4A66
```

In the meta data you can often get the name of the Author or Creator; which is often a person's profile name or better known as a potential username. In the above example you can see in this case it happens to be "Batman" for both of them. Recon done!! Potentially.

You will also notice that the document also indicates what software created the document in the Producer and Creator Tool fields. We can also change that as well as many other aspects of the file metadata.

So here is the command to change some of that data:

```
exiftool -Creator="ColstonConsulting" -Author="ColstonConsulting" -Producer="ColstonConsulting"
-Creatortool="ColstonConsulting" -XMPToolkit="3.1-701" KaliLinuxforOSINTPIreviews.pdf
```

In this cmd were going to change the following items:

- Creator will go from "Batman" to "ColstonConsulting"
- Author will go from "Batman" to "ColstonConsulting"
- Producer will go from "Microsoft Word 2021" to "ColstonConsulting"

- Creator Tool will go from "Microsoft Word 2021" to "ColstonConsulting"
- XMP ToolKit will go from "Image::ExifTool 12.76" to XMPToolkit="3.1-701" (That was want word originally had in that category)

Here is the new file metadata:

```
└─# exiftool KaliLinuxforOSINTPIreviews.pdf
ExifTool Version Number         : 12.76
File Name                       : KaliLinuxforOSINTPIreviews.pdf
Directory                       : .
File Size                       : 218 kB
File Modification Date/Time     : 2024:08:19 06:33:40-05:00
File Access Date/Time           : 2024:08:19 06:33:40-05:00
File Inode Change Date/Time     : 2024:08:19 06:33:40-05:00
File Permissions                : -rw-r--r--
File Type                       : PDF
File Type Extension             : pdf
MIME Type                       : application/pdf
PDF Version                     : 1.7
Linearized                      : No
Page Count                      : 5
Language                        : en
Tagged PDF                      : Yes
XMP Toolkit                     : 3.1-701
Creator                         : ColstonConsulting
Author                          : ColstonConsulting
Producer                        : ColstonConsulting
Create Date                     : 2024:08:16 06:13:21-05:00
Creator Tool                    : ColstonConsulting
Modify Date                     : 2024:08:16 06:13:21-05:00
Document ID                     : uuid:8AEE87AF-F91C-49FB-B3B4-A1A6502A4A66
Instance ID                     : uuid:8AEE87AF-F91C-49FB-B3B4-A1A6502A4A66
```

Keep exploring ExifTool; it is a great tool for both defensive and offensive actions!!