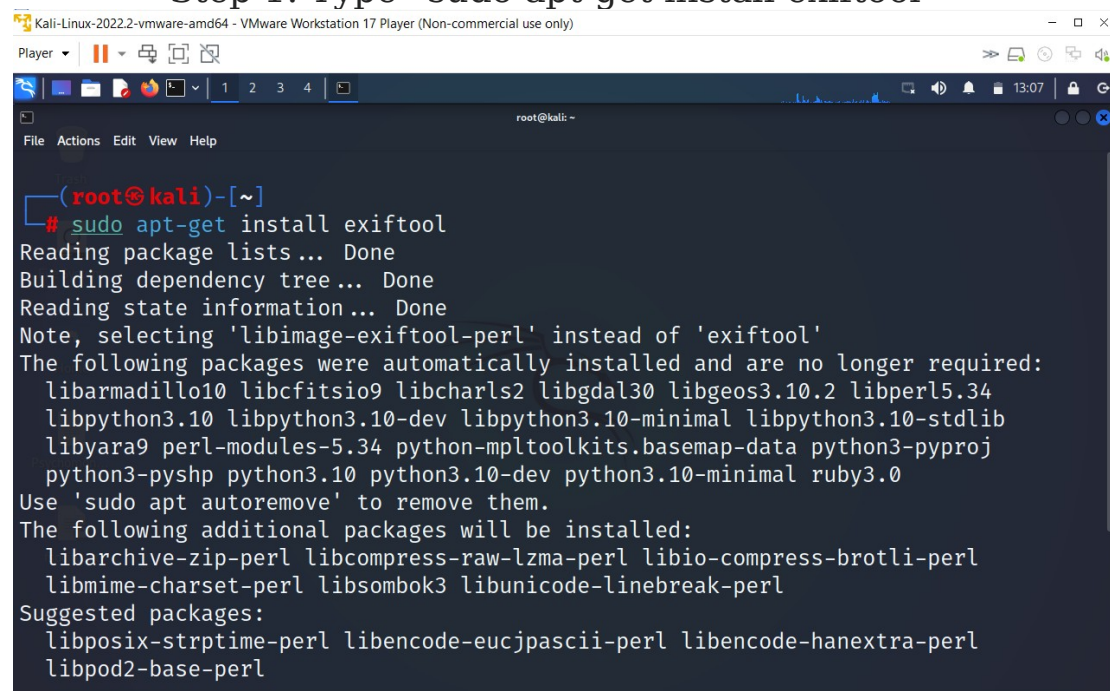


## EXIF TOOL

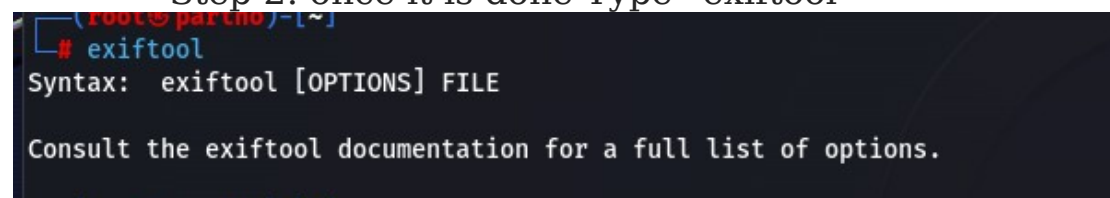
- Here we will see it in Kali linux. Exif tool is used to see the metadata of the picture it contains so many juicy information which can help to find out too many different things
- Step 1: Type “sudo apt get install exiftool”



```
(root@kali)~[~]
# sudo apt-get install exiftool
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Note, selecting 'libimage-exiftool-perl' instead of 'exiftool'
The following packages were automatically installed and are no longer required:
 libarmadillo10 libcfitsio9 libcharls2 libgdal30 libgeos3.10.2 libperl5.34
 libpython3.10 libpython3.10-dev libpython3.10-minimal libpython3.10-stdlib
 libyara9 perl-modules-5.34 python-mpltoolkits.basemap-data python3-pyproj
 python3-pyshp python3.10 python3.10-dev python3.10-minimal ruby3.0
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
 libarchive-zip-perl libcompress-raw-lzma-perl libio-compress-brotli-perl
 libmime-charset-perl libsombok3 libunicode-linebreak-perl
Suggested packages:
 libposix-strptime-perl libencode-eucjpascii-perl libencode-hanextra-perl
 libpod2-base-perl
```

Hit enter which is but obvious

- Step 2: once it is done Type “exiftool”



```
(root@kali)~[~]
# exiftool
Syntax: exiftool [OPTIONS] FILE

Consult the exiftool documentation for a full list of options.
```

Obviously It will not work without the Target File

- Step 3: Download or get any Image File From anywhere You want to get the data extracted of the image.

- Here I am using this image → To get the DATA  
→ [TAJ](#) If format is not supported Save the image  
as .jpeg



- Step 4: Now type “exiftool :image:” as shown below

```
(root@partho)-[~]
# exiftool '/tmp/VirtualBox Dropped Files/2023-08-14T17:24:56.147974000Z/taj.jpeg'
ExifTool Version Number      : 12.64
File Name                    : taj.jpeg
Directory                    : /tmp/VirtualBox Dropped Files/2023-08-14T17:24:56.147974000Z
File Size                    : 42 kB
File Modification Date/Time   : 2023:08:14 13:24:56-04:00
File Access Date/Time        : 2023:08:14 13:24:56-04:00
File Inode Change Date/Time   : 2023:08:14 13:24:56-04:00
File Permissions              : -rw-rw-rw-
File Type                    : JPEG
File Type Extension          : jpg
MIME Type                    : image/jpeg
JFIF Version                  : 1.01
Resolution Unit               : inches
X Resolution                  : 72
Y Resolution                  : 72
Profile CMM Type              : Little CMS
Profile Version               : 2.1.0
Profile Class                 : Display Device Profile
Color Space Data              : RGB
Profile Connection Space      : XYZ
Profile Date Time             : 2012:01:25 03:41:57
Profile File Signature        : acsp
Primary Platform              : Apple Computer Inc.
CMM Flags                     : Not Embedded, Independent
Device Manufacturer          :
Device Model                  :
Device Attributes             : Reflective, Glossy, Positive, Color
Rendering Intent              : Perceptual
Connection Space Illuminant   : 0.9642 1 0.82491
Profile Creator               : Little CMS
Profile ID                    : 0
Profile Description           : c2
Profile Copyright             : IX
Media White Point             : 0.9642 1 0.82491
Media Black Point             : 0.01205 0.0125 0.01031
Red Matrix Column             : 0.43607 0.22249 0.01392
Green Matrix Column           : 0.38515 0.71687 0.09708
Blue Matrix Column            : 0.14307 0.06061 0.7141
Red Tone Reproduction Curve   : (Binary data 64 bytes, use -b option to extract)
Green Tone Reproduction Curve : (Binary data 64 bytes, use -b option to extract)
Blue Tone Reproduction Curve  : (Binary data 64 bytes, use -b option to extract)
Image Width                   : 600
Image Height                  : 400
Encoding Process              : Progressive DCT, Huffman coding
Bits Per Sample               : 8
Color Components              : 3
Y Cb Cr Sub Sampling          : YCbCr4:2:0 (2 2)
Image Size                    : 600x400
Megapixels                    : 0.240
```

You can see so many data over here.

```
#####
#####
```