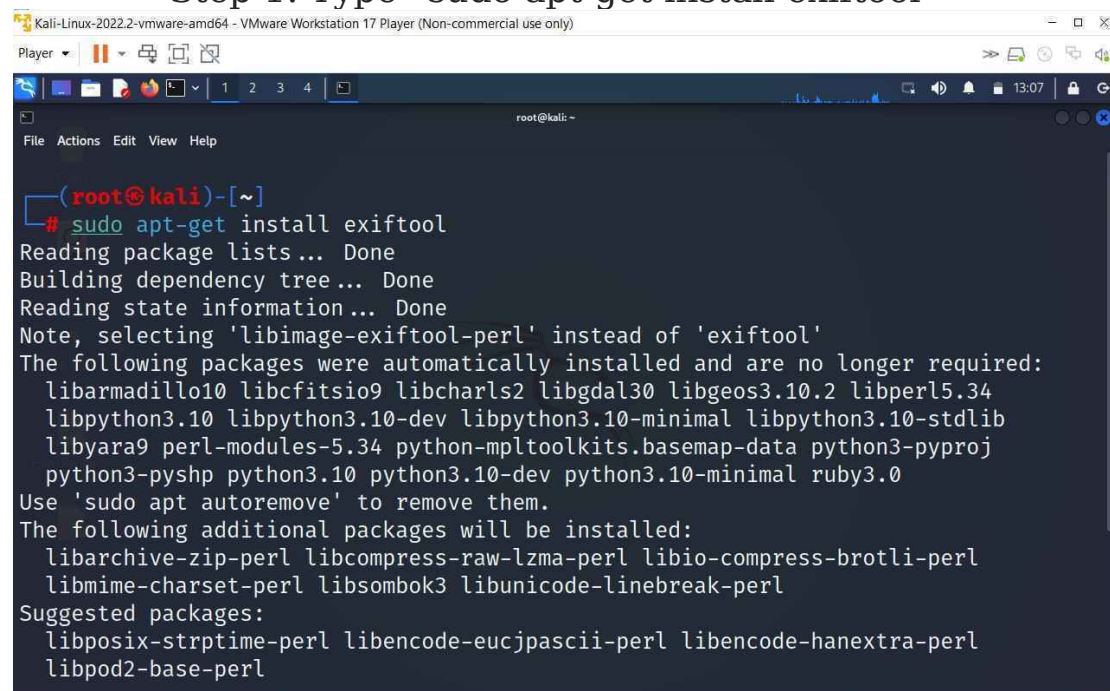


## EXIF TOOL

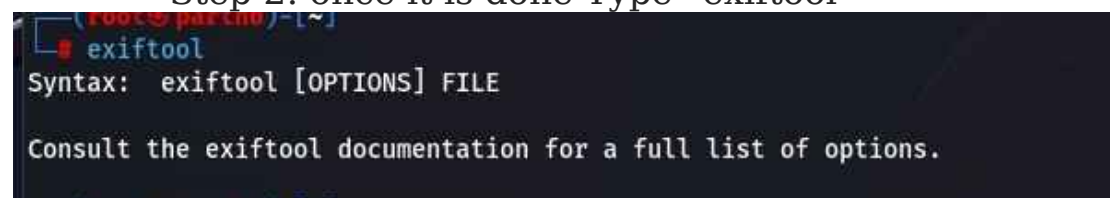
- Here we will see it in Kali linux. Exif tool is used to see the metadata of the picture it contains so many juicy information which can help to find out too many different things
- Step 1: Type “sudo apt get install exiftool”



```
Kali-Linux-2022.2-vmware-amd64 - VMware Workstation 17 Player (Non-commercial use only)
Player
File Actions Edit View Help
root@kali: ~
(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@parthe)~#  
# 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.

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