

## Practica 3 - Esteganografía

Fácil con Steghide en Kali Linux | Protege tus Datos de Forma Secreta y Segura

Debes haber instalado y actualizado los repositorios de kali linux

descargar la herramienta [steghide](#) herramienta para la esteganografía

```
sudo apt install steghide
```

steghide --version

```
kali㉿kali:~
```

Session Actions Edit View Help

steghide is already the newest version (0.5.1-15).

The following packages were automatically installed and are no longer required:

amass-common	libmongoc-1.0-0t64	libtheora0	python3-kismetcapturefreaklabszigbee
firmware-ti-connectivity	libmongocrypt0	libtheoradec1	python3-kismetcapturetl433
libbluray2	libbogd4.1	libtheorae1	python3-kismetcapturetladsb
libbssn-1.0-0t64	libplacebo349	libbudfread0	python3-kismetcapturetlamr
libgdal36	libportmidi0	libvpx9	python3-packaging-whl
libgdata-common	libqt5ct-common1.8	libx264-164	python3-protoBuf
libgdata22	libravie0.7	libyelp0	python3-wheel-whl
libgeo3.13.1	libsframe1	python3-bluepy	python3-zombie-imp
libhdf4-0-alt	libsigsegv2	python3-click-plugins	samba-ad-dc
libjs-jquery-ui	libsoup-2.4-1	python3-gpg	samba-ad-provision
libjs-underscore	libsoup2.4-common	python3-kismetcapturebtgeiger	samba-dsdb-modules

Use 'sudo apt autoremove' to remove them.

Summary:

Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 7

```
[(kali㉿kali)-[~]]$ steghide --version
steghide version 0.5.1

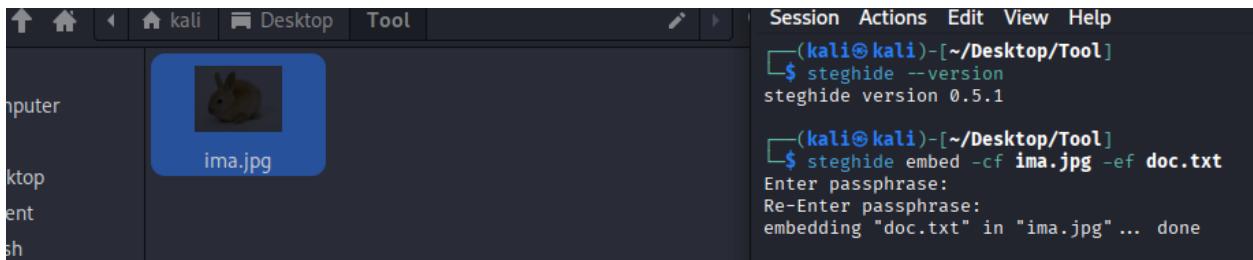
[(kali㉿kali)-[~]]$
```

Se descarga la imagen y se crea el archivo a ocultar

```
steghide embed -cf ima.jpg -ef doc.txt
```

A screenshot of a Kali Linux desktop environment. On the left, a file manager window titled 'Tool - Thunar' shows a directory structure with files 'doc.txt' and 'ima.jpg'. The 'File System' and 'Work' icons are also visible. On the right, a terminal window titled 'kali@kali: ~/Desktop/Tool' runs the command 'steghide --version', showing the version 0.5.1. Below it, the command 'steghide embed -cf ima.jpg -ef doc.txt' is typed and highlighted.

## Borramos el archive

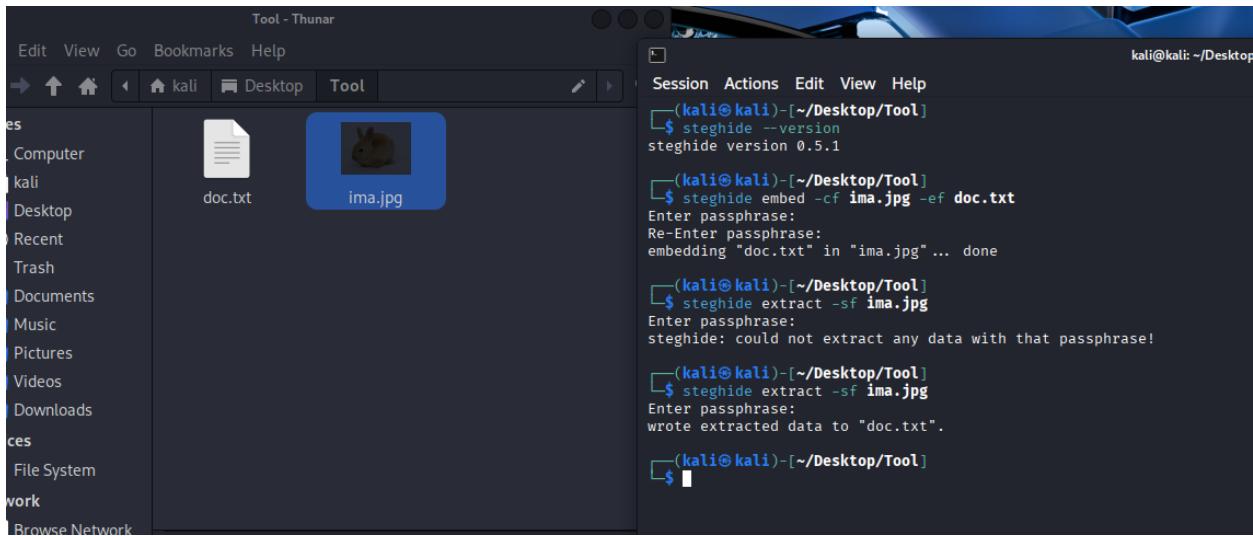


```
Session Actions Edit View Help
(kali㉿kali)-[~/Desktop/Tool]
$ steghide --version
steghide version 0.5.1

(kali㉿kali)-[~/Desktop/Tool]
$ steghide embed -cf ima.jpg -ef doc.txt
Enter passphrase:
Re-Enter passphrase:
embedding "doc.txt" in "ima.jpg" ... done
```

extraer la información de la imagen con este comando

steghide extract -sf ima.jpg



```
Session Actions Edit View Help
(kali㉿kali)-[~/Desktop/Tool]
$ steghide --version
steghide version 0.5.1

(kali㉿kali)-[~/Desktop/Tool]
$ steghide embed -cf ima.jpg -ef doc.txt
Enter passphrase:
Re-Enter passphrase:
embedding "doc.txt" in "ima.jpg" ... done

(kali㉿kali)-[~/Desktop/Tool]
$ steghide extract -sf ima.jpg
Enter passphrase:
steghide: could not extract any data with that passphrase!

(kali㉿kali)-[~/Desktop/Tool]
$ steghide extract -sf ima.jpg
Enter passphrase:
wrote extracted data to "doc.txt".

(kali㉿kali)-[~/Desktop/Tool]
$
```