

## Overview

**Open Source Intelligence (OSINT)** is the process of getting information about anything from the open and freely available resources. It is popular and it is used in many industries such as:

- Cybersecurity
- Investigative Journalism
- Law Enforcement
- Military
- Business Intelligence
- Civic Society
- Etc...

One of the premier software tools used in this regard is **Maltego**. Some of you might have heard of it. You are all welcome to be part of the Workshop. It is a proprietary software managed by Maltego Technologies GmbH, It is however available via a free Community Edition. It can be extended via creation of plugins/extensions known as Transforms. These are coded using Python. Which will be the focus of the Workshop. There are 2 sessions to the workshop;

1. A Hands On introduction to OSINT using Maltego
2. Coding Maltego Transforms using Python

**N.B** I would like this workshop to be as hands-on as possible. To fully appreciate the full capabilities and understanding of Maltego, I would prefer if attendants would move along with me as we go through the workshop.

For Preparation please install the following:

1. **Python libraries to install in a Python 3 virtual environment.**
  - pip install maltego-trx
  - pip install requests

2. **Maltego** - Installation Guide Below

Download Here - <https://www.paterva.com/downloads.php>

## Windows

The correct operating system should automatically be detected on the webpage. In this case, Windows has been detected as shown in the image below:



From the dropdown menu you can choose between installing just the .exe install or the .exe install with Java x64. If you do not already have Java 8 installed on your machine, it is recommended to install the .exe + Java bundle. Once the file type has been selected you can click Download! to start the download.

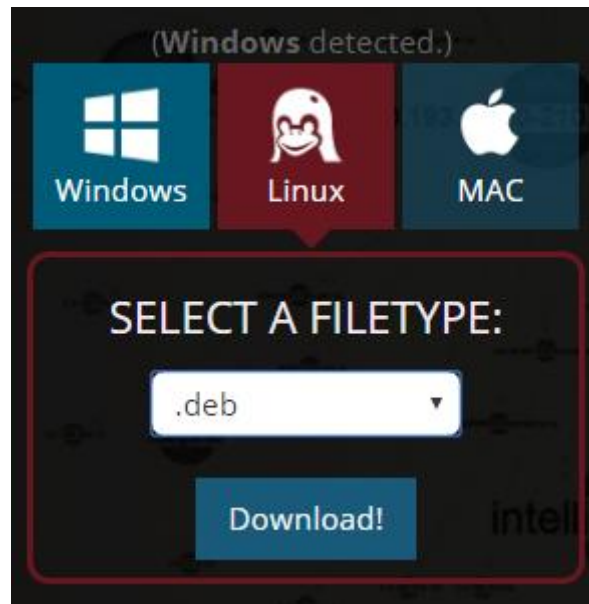
Once the download is done, double click the installer to start the installation process. A wizard will start that guides you through the installation.



## Linux

You will need to have a windows (X11) system as Maltego is a graphical application.

Maltego is available as a .DEB package (ideal for Debian based operating systems) as well as an .RPM package (ideal for systems that can use the RPM Package Manager) and a .zip archive. Each of these file types can be selected from the filetype dropdown when Linux is selected:



### .DEB (DEBIAN PACKAGE)

The Debian packages can be installed by either double clicking on the file within your window manager (such as KDE) or allowing the window managers installer to install the package.

Alternatively, you can also install it from command line as follows:

```
# cd ~/Downloads/Maltego/ #(assuming that you've downloaded it here)
# dpkg -i <maltegofile>.deb
```

### .RPM

The RPM file can be installed as above via your window manager by double clicking on the file or via command line as follows:

```
# cd ~/Downloads/Maltego/ #(assuming that you've downloaded Maltego here)
# rpm -i <maltegofile>.rpm
```

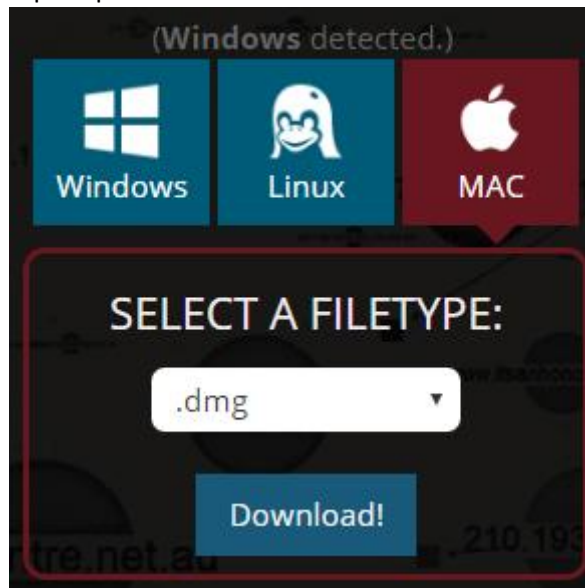
### .ZIP

The zip archive is the entire extracted Maltego installation, you can simply extract this to wherever you want Maltego installed and then run maltego from the bin directory.

Please Note: You will need **read and write permissions** for the directory where you've installed the application.

## Mac

Choose the MAC download from the Downloads page on the website:



After you have downloaded the .dmg file, it can be installed by dragging it into your Applications folder.

## Activation

After you have finished installing you can follow the guide here to Activate

<https://docs.maltego.com/support/solutions/articles/15000008715-initial-activation>