

Wikiprint Book

Title: Dependencies

Subject: ThirdEye - dependencies

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Dependencies

Analysis framework dependencies (required)

[Python >= 2.6](#)

Most Linux distributions should have this by default.

[SQLite >=3.6](#)

May not be installed by default but packages are readily available for most distributions.

[Python SimpleParser 2.1 Library](#)

This is generally not installed by default but is available pre-packaged for most Linux distributions.

On Ubuntu, the installation command to install all required dependencies would be

```
$ sudo apt-get install python
$ sudo apt-get install python-simpleparse
$ sudo apt-get install sqlite
```

Plugin framework dependencies (required)

The following three packages are required for compiling packet plugins ([p2db tool](#)).

[libsqlite-dev >=3.6](#)

May not be installed by default but packages are readily available for most distributions.

[libpcap0.8-dev](#)

May not be installed by default but packages are readily available for most distributions.

On Ubuntu, the installation command to install above dependencies would be

```
$ sudo apt-get install libsqlite3-dev
$ sudo apt-get install libpcap0.8-dev
```

[libghthash v0.6.2](#)

A copy of the downloadable tar file is included for convenience under *plugins/deps*. The installation procedure is as follows:

```
$ cd /path/to/SAF/
$ cd plugins/deps
$ tar -xvzf libghthash-0.6.2.tar.gz
$ cd libghthash-0.6.2
$ ./configure && make
$ sudo make install
```

Optional dependencies

These are required only for profiling and measuring framework performance. Not required for most typical installations.

[python-profile](#)

Required for profiling the framework code.

[python-psutils](#)

Required for fetching system specific information.

[coverage](#)

Required for measuring code coverage during testing.

```
$ sudo apt-get install python-psutils python-profile  
$ easy_install coverage
```
