

python

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1 Introduction

see:

- <https://llrforge.in2p3.fr/trac/pyLLR/>
- <http://docs.python.org/tutorial/>
- <http://docs.python.org/library/index.html>
- “cheeseshop”
- “python recipes”

2 QT4 designer

QT4 designer is used to create the `/pylib/qt4_gui.ui` XML file. This file is process by `pyuic4` to `qt4_main.py` that only display the gui (do not modify it).

```
# apt-get install qt4-designer pyqt4-dev-tools
$ designer
$ pyuic4 qt4.gui.ui ...
```

Warning: check for `python-sip` `python-qt4` `python-dpkt` `python-pcap`
`main.py` call gui by passing an event call backs object.

```
setupUI(self)
```

3 Entry points

- In a file, `__init__` play `main()` function role.
- In a directory, `__init__` file is needed and provide a packet unitary test entry.