

Live Viewer: Installation

Installation

- Download the live-viewer from the git repository: [Live Viewer in stash](#) and unzip it
- install python-zmq
- install python-inotifyx (or on fedora: pip install inotifyx (this needs python-devel to be installed))

(tested versions:

pyzmq version 14.0.1

libzmq version 4.0.4

inotifyx version 0.2.0)

Configuration

The live viewer as a configuration class for the sender and one for the receiver located in **conf/config.py**

- On the sender side:
 - specify the monitored folder and the folder the cp should copy the data into:

defaultConfigSender

```
# folder you want to monitor for changes
# inside this folder only the subdirectories "commissioning",
"current" and "local" are monitored
watchFolder          = ...
# Target to move the files into
cleanerTargetPath    = ...
```

- specify the file format to be monitored:

defaultConfigSender

```
# the formats to be monitored, files in an other format will be be
neglected
monitoredFormats      = (".tif", ".cbf")
```

- specify the hosts which are allowed to connect to the sender: e.g.

defaultConfigSender

```
# list of hosts allowed to connect to the sender
receiverWhiteList     = ["zitpcx19282", "zitpcx22614",
"lsdma-lab04"]
```

- On the receiver side
 - specify the target folder for the ring buffer:

defaultConfigReceiver

```
# where incoming data will be stored to"
targetDir              = ...
```

- specify the ip where the sender is running: e.g.

defaultConfigReceiver

```
# local ip to connect dataStream to
  dataStreamIp          = "131.169.55.170"      #
lsdma-lab04.desy.de
```

- specify the size of the ring buffer: e.g.

defaultConfigReceiver

```
# size of the ring buffer for the live viewer
  maxRingBufferSize = 10
```