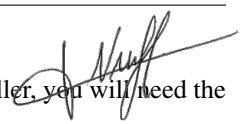

Additionally, if you want to cross-compile py3exiv2 for Windows and generate a Windows installer, you will need the following dependencies:

- MinGW
- 7-Zip
- NSIS

3.3 Building and installing

3.3.1 Linux

Open a terminal into the top-level directory (where is the file *configure.py*):

```
$ python3 configure.py
```

The configure script try to find the exact name of *libboost_python3* wich is depending on your environment. If it can't find the lib, give it the full path of this lib with the option *–libboost*. Example on Debian with Python-3.4:

```
$ python3 configure.py --libboost=/usr/lib/x86_64-linux-gnu/libboost_python-py34.so
```

Build the lib:

```
$ ./build.sh
```

The result of the build process is a shared library, `libexiv2python.so`, in the build directory:

```
$ ls build/
$ exiv2wrapper.os  exiv2wrapper_python.os  libexiv2python.so
```

And, if no error, install all the files:

```
$ ./build.sh -i
```

You will most likely need administrative privileges to the last step.

3.4 Documentation

The present documentation is generated using Sphinx from reStructuredText sources found in the doc/ directory. Invoke `make html` to (re)build the HTML documentation.

The index of the documentation will then be found under doc/_build/html/index.html.

3.5 Unit tests

py3exiv2's source comes with a battery of unit tests, in the test/ directory. To run them, invoke `python3 TestsRunner.py`.