SPIRou Quick Installation Guide
Version 0.0.35
For DRS SPIRou 0.1.015 (alpha pre-release)

This is a quick guide to installation, for a more full description please see the full documentation . This assumes you have the latest version of Anaconda for python 3 (or python 2) and are using a unix operating system with BASH.

1. Get the latest version of the DRS (for SPIRou version 0.1.015 (alpha pre-release)). from here: https://github.com/njcuk9999/spirou_py3

2. Download the test data from here: http://genesis.astro.umontreal.ca/neil/spirou_test_data_alpha0.1.003.zip (if required).

3. Extract the DRS (make a note of the path, hereinafter DRS_ROOT)

4. Add the following paths to your PATH and PYTHON PATH environmental variables (in for example .bashrc)

```
e.g. in ~/.bashrc

export PATH="DRS_ROOT/bin/:<$PATH>"
export PYTHONPATH="DRS_ROOT:DRS_ROOT/bin/:<$PYTHONPATH>"
```

5. make sure your paths are set

```
>>    source ~/.bashrc
>>    echo $PATH
```

6. Make recipes executable (found in the DRS_ROOT /bin folder) - to use from the command line.

7. Setup the DRS paths (edit the file: '../config /config.txt '):

TDATA	= /drs/data/	/	Define the DATA directory
DRS_ROOT	= /drs/INTROOT/	/	Define the installation directory
DRS_DATA_RAW	= /drs/data/raw	/	Define the folder with the raw data files in
DRS_DATA_REDUC	= /drs/data/reduced	/	Define the directory that the reduced data should be saved to/read from
DRS_CALIB_DB	= /drs/data/calibDB	/	Define the directory that the calibration files should be saved to/read from
DRS_DATA_MSG	= /drs/data/msg	/	Define the directory that the log messages are stored in
DRS_DATA_WORKING	= /drs/data/tmp/	/	Define the working directory

8. validate the DRS installation:

```
>> cal_validate_spirou
```

or

```
>> python cal_validate_spirou
```

The DRS is now installed and setup. To run see section **??**.