

Bedienung von Editor Atom / Pymkr

The screenshot displays the Atom editor interface. The top pane shows a file explorer with a tree view of a project named '4-FPY-test2'. The tree view includes folders like 'lib', 'logger', 'sensors', 'www', and files like 'bootpy', 'default_settings.json', 'main.py', 'pybytes.config.json', 'settings_preset_clemens.json', 'settings_preset_didi.json', 'user_settings.json', and 'webserver.py'. The bottom pane shows the 'user_settings.json' file with the following content:

```

1 {"sensors": {"hz711": {"calibration_factor": 22597, "lane_offset": 121789 },
2 "ds1820": {"positions": {
3 "t_i_1": "287f499497020376",
4 "t_i_2": "284f0e79970403b7",
5 "t_i_3": "2807ec9497ff03be",
6 "t_i_4": "28014794970e0312",
7 "t_i_5": "28467a79a2000340",
8 "t_o": "28944c94970e0363"}},
9 "general": {"initial_time": 1598780857621}},
10 "telemetry": {"sensor_key": "testB0811"},
11 "networking": {"accesspoint": {"channel": 4, "ssid": "Moltebeere", "encryption": 3, "enabled": true, "password":
12 "Mlan"}, {"available": [{"channel": 1, "sec": 3, "rssi": 69, "ssid": "Mlanless", "bssid": "b0f20e4c4165a"}]},
13 "ssid": "MlanB081", "password": "MlanB081", "encryption": 3}}
14

```

The bottom pane shows a terminal window with the following output:

```

>>> Safe booting device... (see settings for more info)
>>> eta Jun  8 2016 00:22:57
rst:0x7 (TGWDT_SYS_RESET),boot:0x32 (SPI_FAST_FLASH_BOOT)
configsip: 0, SPIWP:0xee
clk_drv:0x00,q_drv:0x00,d_drv:0x00,cs0_drv:0x00,hd_drv:0x00,wp_drv:0x00
mode:DIO, clock div:1
Load:0x3ffff8020,len:8
Load:0x3ffff8028,len:2140
ho 0 tail 12 room 4
Load:0x4009fa00,len:19740
entry 0x400a05bc
Pycom MicroPython 1.20.2.rc6-0.10.2-vanilla-squirrel-nosmartconfig [v1.20.1.r2-122-gd82a6f43e-d
irry] on 2020-03-06; F1PY with ESP32
Type "help()" for more information.
>>>
Reading file status
Failed to read project status, uploading all files
Creating dir lib
Creating dir logger
Creating dir sensors
Creating dir www
Creating dir www/css
Creating dir www/js
[1/27] Writing file boot.py (21b)

```

user_settings.json — G:\4-DOB-Workshop\4-FPy-test2 — Atom

File Edit View Selection Find Packages Help

```

1 user_settings.json
2 { "sensors": { "hx711": { "calibration_factor": 22597, "tare_offset": 121789 },
3   "ds1820": { "positions": {
4     "t_i_1": "2877499497020376",
5     "t_i_2": "2877499497020376",
6     "t_i_3": "2877499497020376"
7   }
8 }
9 }
10 }

```

Project

- 4-FPy-test2
 - lib
 - logger
 - sensors
 - www
 - boot.py
 - default_settings.json
 - main.py
 - pybytes_config.json
 - settings_preset_clemens.json
 - settings_preset_didi.json
 - user_settings.json
 - webservice.py

Settings Pybytes + More

```

[18/27] Writing file logger/csv.py (9kb)
[19/27] Writing file logger/init_.py (0kb)
[20/27] Writing file sensors/bme280.py (9kb)
[21/27] Writing file sensors/ds18x20.py (3kb)
[22/27] Writing file sensors/hx711.py (2kb)
[23/27] Writing file sensors/sd1306.py (6kb)
[24/27] Writing file sensors/init_.py (3kb)
[25/27] Writing file www/index.html (1kb)
[26/27] Writing file www/css/app.css (3kb)
[27/27] Writing file www/js/app.e3862932.js (49kb)
Upload done, resetting board...
0Mets Jun  8 2016 00:22:57

rst:0x7 (TGCWDT_SYS_RESET),boot:0x32 (SPI_FLASH_FLASH_BOOT)
configsip: 0, SIWP:0xee
clk_drv:0x00,q_drv:0x00,d_drv:0x00,cs0_drv:0x00,hd_drv:0x00,wp_drv:0x00
mode:DIO, clock div:1
load:0x3ffff8020,len:8
load:0x3ffff8028,len:2140
ho 0 tail 12 room 4
load:0x4009fa00,len:19740
entry 0x400a05bc
Disabling LFE modem.
Starting boot process...
Boot finished.
Init -> CSV logger in directory /sd/hivertellog
init sensors
init -> DSI1820
Found 6 DSI1820.
Gain & initial value set
in webservice.py
sd1306.py: esp32
Start -> logger
Start -> Info: (sysname='FiPy', nodename='FiPy', release='1.20.2.rc6-0.10.2-vanilla-squirrel-no-smartconfig', version='v1.20.1.r2-122-gd82a6f49-dirty on 2020-03-06', machine='FiPy with ESP32', lorawan='1.0.2', sigfox='1.0.1')
Using Antenna: False

```

4-DOB-Workshop > 4-FPy-test2

| Name | Änderungsdatum | Typ | Größe |
|------------------------------|------------------|-------------|-------|
| lib | 18.03.2023 16:04 | Dateiordner | |
| logger | 18.03.2023 16:04 | Dateiordner | |
| sensors | 18.03.2023 16:04 | Dateiordner | |
| www | 18.03.2023 16:04 | Dateiordner | |
| boot.py | 10.05.2021 12:08 | PY-Datei | 2 KB |
| default_settings.json | 10.05.2021 12:08 | JSON-Datei | 2 KB |
| main.py | 10.05.2021 12:08 | PY-Datei | 14 KB |
| pybytes_config.json | 10.05.2021 12:08 | JSON-Datei | 1 KB |
| settings_preset_clemens.json | 10.05.2021 12:08 | JSON-Datei | 2 KB |
| settings_preset_didi.json | 10.05.2021 12:08 | JSON-Datei | 2 KB |
| user_settings.json | 23.03.2023 12:27 | JSON-Datei | 1 KB |
| webservice.py | 10.05.2021 12:08 | PY-Datei | 5 KB |