
asyncserial Documentation

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asyncserial is a wrapper for the *pyserial* library providing an async interface based on *async def* and *await*.

CHAPTER 1

Installation

```
pip install asyncserial
```


CHAPTER 2

Content

2.1 `asyncserial` package

2.1.1 `asyncserial.Serial`

2.1.2 `asyncserial.AbstractAsyncWrapper`

CHAPTER 3

Examples

```
import asyncio
from asyncserial import Serial

loop = asyncio.get_event_loop()

test_serial = Serial(loop, "/dev/ttyACM0", baudrate=115200)

async def test():
    await test_serial.read() # Drop anything that was already received
    while True:
        line = await test_serial.readline() # Read a line
        print("[+] Serial read: {}".format(line))
        await asyncio.sleep(0) # Let's be a bit greedy, should be adjust to your needs

asyncio.ensure_future(test())

print("[+] Starting eventloop")
loop.run_forever()
```