
aiosnmp

Release 0.7.2

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Dec 05, 2022

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aiosnmp is an asynchronous SNMP client for use with asyncio.

INSTALLATION

```
pip install aiosnmp
```


DOCUMENTATION

<https://aiosnmp.readthedocs.io/en/latest/api.html>

CHAPTER THREE

NOTICE

Only snmp v2c supported, v3 version is not supported

Oids should be like .1.3.6... or 1.3.6.... iso.3.6... is not supported

SOURCE ADDRESS (HOST AND PORT) VALIDATION

By default, v2c should not validate source addr, but in this library, it is enabled by default. You can disable validation by passing `validate_source_addr=False` to `Snmp`.

BASIC USAGE

```
import asyncio
import aiosnmp

async def main():
    async with aiosnmp.Snmp(host="127.0.0.1", port=161, community="public") as snmp:
        for res in await snmp.get(".1.3.6.1.2.1.1.1.0"):
            print(res.oid, res.value)

asyncio.run(main())
```

more in [/examples](#)

TODO

- snmp v3 support
- more tests

LICENSE

aiosnmp is developed and distributed under the MIT license.

RUN LOCAL TESTS

```
pip install -r requirements-dev.txt  
tox
```


BEFORE SUBMITTING PR

```
pip install -r requirements-dev.txt  
tox -e format
```

9.1 Documentation contents

9.1.1 API Reference

Classes

Exceptions