
asyncio-rpc Documentation

Release stable

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Asyncio-rpc: Remote procedure calling framework

The Python package for the asyncio remote procedure calling

- Free software: BSD license
- Documentation: <https://asyncio-rpc.readthedocs.io>.

2.1 Features

- Asyncio RPC client/server
- Msgpack serialization with option to use own dataclasses (Python 3.7)
- Redis communication layer
- Other serialization methods and communication layers can be added

2.2 Examples

The examples can be run from this directory, for the dataclass example (using localhost as redis host):

```
>>> python3.7 -m examples.dataclass.server localhost
>>> python3.7 -m examples.dataclass.client localhost
```

2.3 Testing

```
>>> docker-compose run pytest --cov=asyncio_rpc --cov-report=html
```


3.1 Stable release

The standard `asyncio-rpc` distribution is pretty lightweight, installing as little dependencies as possible. Install it like this:

```
$ pip install asyncio-rpc
```

If you don't have `pip` installed, this [Python installation guide](#) can guide you through the process.

3.2 From sources

The sources for `asyncio-rpc` can be downloaded from the [Github repo](#).

You can either clone the public repository:

```
$ git clone git://github.com/nens/asyncio-rpc
```

Or download the [tarball](#):

```
$ curl -OL https://github.com/nens/asyncio-rpc/tarball/master
```

Once you have a copy of the source, you can install it with:

```
$ python setup.py install
```


CHAPTER 4

Indices and tables

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