

---

# **ajsonrpc Documentation**

***Release 0.1.0***

**Kirill Pavlov**

**Jan 23, 2021**



---

## Contents:

---

|          |   |          |
|----------|---|----------|
| <b>1</b> | <b>Contents</b>                             | <b>3</b> |
| 1.1      | Differences: ajsonrpc vs json-rpc . . . . . | 3        |



**Source code** <https://github.com/pavlov99/ajsonrpc>



### 1.1 Differences: `ajsonrpc` vs `json-rpc`

*ajsonrpc* is a successor of `json-rpc` library. It is written by the same team of developers and aims to keep as much compatibility between two libraries as possible.

While `json-rpc` was written to support both JSON-RPC 1.1 and JSON-RPC 2.0 as well as a wide range of Python implementations 2.6, 2.7, 3.2+, `ajsonrpc` focuses on modern Python 3.5+ features and only supports JSON-RPC 2.0. Some of the new features used in `ajsonrpc`:

- Async/Await syntax
- Low level asyncio protocol implementation
- Type Annotation

Detailed differences:

- request/response renamed to `JSONRPCRequest` and `JSONRPCResponse` as there is no support for previous protocol versions.
- request/response/error classes were moved to core module.
- Use *id* instead of *\_id*
- Drop `JSONRPCBatchRequest` and `JSONRPCBatchResponse` objects. Manager could handle batch requests without a need of special classes.
- Manager by default accepts request and returns response coroutine instead of accepting string and returning string.