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# **ajsonrpc Documentation**

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**Kirill Pavlov**

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**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 remained 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.