

tinyrpc

exception

[JSON-RPC 2.0 5.1 Error object](#)

[Adding custom exceptions](#)

By default dispatcher catches all exceptions in registered methods:

https://github.com/mbr/tinyrpc/blob/1.1.4/tinyrpc/dispatch/__init__.py#L266

```
except Exception as e:  
    # an error occurred within the method, return it  
    return request.error_respond(e)
```

and exception `e` is wrapped as response using `RPCRequest.error_respond()`:

- `RPCRequest.error_respond()`
- `JSONRPCRequest.error_respond()`
- `_get_code_message_and_data()`

TODO: How to provide more detailed exception do client - i.e. exception type and backtrace ? Possible solutions:

1. Create own `RPCDispatcher` with own `dispatch()` method, where exception will carry also `.data`
2. Create own `JSONRPCProtocol` with changed `JSONRPCRequest().error_respond()`, where full exception is unwinded and serialized in JSON data field.

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