
TCRUDge Documentation

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CodeTeam

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Subpackages

1.1 tcrudge.utils package

1.1.1 Submodules

1.1.2 tcrudge.utils.json module

`tcrudge.utils.json.json_serial(obj)`

JSON serializer for objects not serializable by default json code.

Parameters `obj` (*date, datetime or UUID*) – object to serialize

Returns formatted and serialized object

Return type str

1.1.3 tcrudge.utils.validation module

Module for common validation tools.

`tcrudge.utils.validation.validate_integer(val, min_value=None, max_value=None, default=None)`

Validates the input val parameter.

If it is can not be converted to integer, returns default_value.

If it is less than min_value, returns min_value.

If it is greater than max_value, returns max_value.

Parameters

- **val** (*int, float, digital string*) – number to validate
- **min_value** (*int*) – min value of validation range
- **max_value** (*int*) – max value of validation range
- **default** (*int*) – default value to return in case of exception

Returns None, min, max, default or result - int

Return type NoneType, int

1.1.4 Module contents

Submodules

tcrudge.decorators module

tcrudge.handlers module

tcrudge.models module

tcrudge.response module

Functions to handle different response formats must receive two arguments:

- handler: subclass of tornado.web.RequestHandler;
- answer: dictionary with response data.

And it should return bytes.

`tcrudge.response.response_json(handler, response)`

Default JSON response.

Sets JSON content type to given handler.

Serializes result with JSON serializer and sends JSON as response body.

Returns Bytes of JSONised response

Return type bytes

`tcrudge.response.response_msgpack(handler, response)`

Optional MSGPACK response.

Sets MSGPACK content type to given handler.

Packs response with MSGPACK.

Returns Bytes of MSGPACK packed response

Return type bytes

Module contents

Simple async CRUDL framework based on Tornado and Peewee ORM.

Validates input using JSON-schema.

Supports JSON and MessagePack responses.

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