
marshmallow-validators

Release 3.0.0

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Release v3.0.0 (*Changelog*)

Use 3rd-party validators (e.g. from WTForms and colander) with marshmallow.

```
from marshmallow import Schema, fields
from marshmallow_validators.wtforms import from_wtforms
from wtforms.validators import Email, Length

# Leverage WTForms i18n
locales = ['de_DE', 'de']

class UserSchema(Schema):
    email = fields.Str(
        validate=from_wtforms([Email()], locales=locales)
    )
    password = fields.Str(
        validate=from_wtforms([Length(min=8, max=300)], locales=locales)
    )

UserSchema().validate({'email': 'invalid', 'password': 'abc'})
# {'email': ['Ungültige Email-Adresse.'],
#  'password': ['Feld muss zwischen 8 und 300 Zeichen beinhalten.']}
```


CHAPTER 1

Get it now

```
pip install -U marshmallow-validators
```

WTForms support

class `marshmallow_validators.wtforms.from_wtforms` (*validators, locales=None*)

Convert a WTForms validator from `wtforms.validators` to a marshmallow validator.

Example:

```
from marshmallow import fields
from marshmallow_validators.wtforms import from_wtforms
from wtforms.validators import Length

password = fields.Str(
    validate=from_wtforms([Length(min=8, max=100)])
)
```

Parameters

- **validators** (*list*) – WTForms validators.
- **locales** (*list*) – List of locales for error messages, in order. If `None`, will try to use locale information from the environment.

make_validator (*wtf_validator*)

Receives a 3rd-party validator and converts it to a marshmallow validator function/callable.

Parameters **validator** – A 3rd-party validator object

Returns A callable marshmallow validator

`marshmallow_validators.wtforms.make_converter` (*locales=None*)

Return a WTForms validator converter that uses the given locales.

Example:

```
from marshmallow import fields
from marshmallow_validators.wtforms import make_converter
from wtforms.validators import Length
```

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```
from_wtf = make_converter(['de_DE', 'de'])  
field = fields.Str(from_wtf([Length(max=3)]))
```

Parameters **locales** (*list*) – List of locales for error messages.

CHAPTER 3

colander support

class `marshmallow_validators.colander.from_colander` (*validators*)

Convert a colander validator to a marshmallow validator.

Example:

```
from marshmallow import fields
from marshmallow_validators.colander import from_colander
from colander import Length

password = fields.Str(
    validate=from_colander([Length(min=8, max=100)])
)
```

Parameters `validators` (*list*) – Colander validators.

make_validator (*colander_validator*)

Receives a 3rd-party validator and converts it to a marshmallow validator function/callable.

Parameters `validator` – A 3rd-party validator object

Returns A callable marshmallow validator

Base converter class

class `marshmallow_validators.core.BaseConverter` (*validators*)

Base converter validator that converts a third-party validators into marshmallow validators. Concrete classes must implement `make_validator`.

Parameters `validators` (*list*) – List of 3rd-party validator objects to convert.

make_validator (*validator*)

Receives a 3rd-party validator and converts it to a marshmallow validator function/callable.

Parameters `validator` – A 3rd-party validator object

Returns A callable marshmallow validator

5.1 Changelog

5.1.1 3.0.0 (2018-05-06)

- Drop support for Python 3.3. Version 2.7 and ≥ 3.4 are supported.
- Test against marshmallow 3.

5.1.2 2.0.0 (2015-12-28)

- Fix compatibility with webargs $\geq 0.16.0$.
- Remove redundant implementation of `ValidationError`. `marshmallow-validators` will import the `ValidationError` from `webargs` if it is available, falling back on `marshmallow.ValidationError`.

5.1.3 1.0.0 (2015-08-30)

- First release.
- Supports conversion of WTForms and colander validators.
- `ValidationError` that inherits from both `webargs' ValidationError` (if `webargs` is installed) and `marshmallow's ValidationError`.

5.2 License

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