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# **vatno-validator Documentation**

***Release 0.1.1***

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<b>1</b>	<b>vatno-validator</b>	<b>3</b>
1.1	Documentation . . . . .	3
1.2	Quickstart . . . . .	3
1.3	Features . . . . .	3
1.4	Running Tests . . . . .	3
1.5	Credits . . . . .	4
<b>2</b>	<b>Installation</b>	<b>5</b>
<b>3</b>	<b>Usage</b>	<b>7</b>
<b>4</b>	<b>Contributing</b>	<b>9</b>
4.1	Types of Contributions . . . . .	9
4.2	Get Started! . . . . .	10
4.3	Pull Request Guidelines . . . . .	10
4.4	Tips . . . . .	11
<b>5</b>	<b>Credits</b>	<b>13</b>
5.1	Development Lead . . . . .	13
5.2	Contributors . . . . .	13
<b>6</b>	<b>History</b>	<b>15</b>
6.1	0.1.1 (2015-12-17) . . . . .	15
6.2	0.1.0 (2015-12-17) . . . . .	15



Contents:



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## vatno-validator

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A Django validator that validates European VAT numbers

### 1.1 Documentation

The full documentation is at <https://django-vatno-validator.readthedocs.org>.

### 1.2 Quickstart

Install vatno-validator:

```
pip install django-vatno-validator
```

Then use it in a project:

```
from django.db import models
from vatno_validator.validators import VATNoValidator

class MyModel(models.Model):
    vat_no = models.CharField(validators=[VATNoValidator(allowed_countries=[
        'DE',
        'AT',
        'GB',
    ])])
```

### 1.3 Features

- Validates all 28 European member's VAT numbers according to [http://ec.europa.eu/taxation\\_customs/vies/faq.html#item\\_11](http://ec.europa.eu/taxation_customs/vies/faq.html#item_11)
- It does not actually query the VIES, it only performs a format-check

### 1.4 Running Tests

Does the code actually work?

```
source <YOURVIRTUALENV>/bin/activate
(myenv) $ pip install -r requirements-text.txt
(myenv) $ python runtests.py
```

## 1.5 Credits

Tools used in rendering this package:

- [Cookiecutter](#)
- [cookiecutter-pypackage](#)



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# Installation

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At the command line:

```
$ easy_install django-vatno-validator
```

Or, if you have virtualenvwrapper installed:

```
$ mkvirtualenv django-vatno-validator  
$ pip install django-vatno-validator
```



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## Usage

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To use vatno-validator in a project:

```
from django.db import models
from vatno_validator.validators import VATNoValidator

class MyModel(models.Model):
    vat_no = models.CharField(validators=[VATNoValidator(allowed_countries=[
        'DE',
        'AT',
        'GB',
    ])])
```

To allow all 28 countries, simply leave out the argument.



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## Contributing

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Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given. You can contribute in many ways:

### 4.1 Types of Contributions

#### 4.1.1 Report Bugs

Report bugs at <https://github.com/productgang/django-vatno-validator/issues>.

If you are reporting a bug, please include:

- Your operating system name and version.
- Any details about your local setup that might be helpful in troubleshooting.
- Detailed steps to reproduce the bug.

#### 4.1.2 Fix Bugs

Look through the GitHub issues for bugs. Anything tagged with “bug” is open to whoever wants to implement it.

#### 4.1.3 Implement Features

Look through the GitHub issues for features. Anything tagged with “feature” is open to whoever wants to implement it.

#### 4.1.4 Write Documentation

vatno-validator could always use more documentation, whether as part of the official vatno-validator docs, in docstrings, or even on the web in blog posts, articles, and such.

#### 4.1.5 Submit Feedback

The best way to send feedback is to file an issue at <https://github.com/productgang/django-vatno-validator/issues>.

If you are proposing a feature:

- Explain in detail how it would work.
- Keep the scope as narrow as possible, to make it easier to implement.
- Remember that this is a volunteer-driven project, and that contributions are welcome :)

## 4.2 Get Started!

Ready to contribute? Here's how to set up *django-vatno-validator* for local development.

1. Fork the *django-vatno-validator* repo on GitHub.
2. Clone your fork locally:

```
$ git clone git@github.com:your_name_here/django-vatno-validator.git
```

3. Install your local copy into a virtualenv. Assuming you have virtualenvwrapper installed, this is how you set up your fork for local development:

```
$ mkvirtualenv django-vatno-validator
$ cd django-vatno-validator/
$ python setup.py develop
```

4. Create a branch for local development:

```
$ git checkout -b name-of-your-bugfix-or-feature
```

Now you can make your changes locally.

5. When you're done making changes, check that your changes pass flake8 and the tests, including testing other Python versions with tox:

```
$ flake8 vatno_validator tests
$ python setup.py test
$ tox
```

To get flake8 and tox, just pip install them into your virtualenv.

6. Commit your changes and push your branch to GitHub:

```
$ git add .
$ git commit -m "Your detailed description of your changes."
$ git push origin name-of-your-bugfix-or-feature
```

7. Submit a pull request through the GitHub website.

## 4.3 Pull Request Guidelines

Before you submit a pull request, check that it meets these guidelines:

1. The pull request should include tests.
2. If the pull request adds functionality, the docs should be updated. Put your new functionality into a function with a docstring, and add the feature to the list in README.rst.
3. The pull request should work for Python 2.6, 2.7, and 3.3, and for PyPy. Check [https://travis-ci.org/productgang/django-vatno-validator/pull\\_requests](https://travis-ci.org/productgang/django-vatno-validator/pull_requests) and make sure that the tests pass for all supported Python versions.

## 4.4 Tips

To run a subset of tests:

```
$ python -m unittest tests.test_vatno_validator
```





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**Credits**

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## 5.1 Development Lead

- Lukas Klein <[lukas@productgang.com](mailto:lukas@productgang.com)>

## 5.2 Contributors

None yet. Why not be the first?



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## History

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### 6.1 0.1.1 (2015-12-17)

- Corrected PyPI package name

### 6.2 0.1.0 (2015-12-17)

- First release on PyPI.