
moarjson Documentation

Release 0.2.1

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February 16, 2014

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Install

Simply install *moarjson* with `pip`:

```
pip install moarjson
```

or `easy_install`:

```
easy_install moarjson
```

Basic usage

Use *moarjson* just like you would use *json*:

```
import moarjson as json

json.dumps('Some string')
```

Add types to encode into *json*:

```
from datetime import datetime

json.dumps(datetime.now()) # Fails

# Tell json to convert datetime objects to str first
json.register(datetime, str)

json.dumps(datetime.now()) # Success
```

Use *register* as a decorator:

```
@json.register(datetime)
def convert_datetime(obj):
    return obj.strftime(format='%Y-%m-%d %H:%M')
```

Django models

Django user model field:

```
from django.contrib.auth.models import User

@json.register(User)
def convert_user(user):
    return {
        'id': user.id,
        'username': user.username
    }

def user_view(request):
    # Json encoded user object
    json_dump = json.dumps(User.objects.get(pk=1))

    return HttpResponse(json_dump, content_type='application/json')
```

`User.objects.all()` is an iterable, so register iterables first. Convert any iterable to a list:

```
import collections
json.register(collections.Iterable, list)

def user_list_view(request):
    # List of users
    json_dump = json.dumps(User.objects.all())

    return HttpResponse(json_dump, content_type='application/json')
```

Contribution

The code is valid if it passes **flake8**. Imports are sorted with **isort**.
For testing **py.test** is used.