jsonapi Documentation

Release 0.6.0

Kirill Pavlov

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jsonapi modules

1.1 jsonapi Package

1.1.1 `jsonapi` **Package**

JSON:API realization.

1.1.2 `jsonapi.api` **Package**

1.1.3 `jsonapi.auth` **Package**

1.1.4 `jsonapi.deserializer` **Package**

1.1.5 `jsonapi.resource` **Package**

Installation

Requires: Django (1.5, 1.6); python (2.7, 3.3).

```
pip install jsonapi
```

Quickstart

Create resource for model, register it with api and use it within urls!

```python
# resources.py
from jsonapi.api import API
from jsonapi.resource import Resource

api = API()

@api.register
class AuthorResource(Resource):
    class Meta:
        model = 'testapp.author'

# urls.py
from .resources import api

urlpatterns = patterns(
    '',
    url(r'^api', include(api.urls))
)
```

Notes

REST anti patterns http://www.infoq.com/articles/rest-anti-patterns

Features

What makes a decent API Framework? These features:

- + Pagination
- Posting of data with validation
- + Publishing of metadata along with querysets
- + API discovery
- Proper HTTP response handling
- Caching
- + Serialization
- Throttling
- + Authentication
- Authorization/Permissions

Proper API frameworks also need:

- Really good test coverage of their code
- Decent performance
- Documentation
- An active community to advance and support the framework

Docs

- Resource definition
- Resource and Models discovery
- Authentication
- Authorization

Indices and tables

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