
django-numerics Documentation

Release 0.1.2

Huseyin Yilmaz

April 24, 2015

1	Note	3
2	Install django-numeric	5
3	Integration	7
4	Run tests	9
5	Build documentation	11

Give your app a mobile dashboard.

django-numeric is a numeric dashboard endpoint provider for django.

Note

This project is still under development give a month or so to get stable.

Install django-numerics

django-numerics can be installed using pip.

```
$ pip install django-numerics
```

Or source code can be downloaded from [github](#).

Integration

To use django-numeric in a project first add it to `INSTALLED_APPS` in your django settings file.

```
INSTALLED_APPS = (
    'django.contrib.admin',
    'django.contrib.auth',
    ...
    # add django-numeric to installed apps
    'django-numeric',
)
```

Go to main urls file and add django-numeric endpoints to url patterns

```
urlpatterns = patterns(
    '',
    url(r'', include(core.urls)),
    url(r'^admin/', include(admin.site.urls)),
    url(r'^accounts/', include(accounts.urls)),
    ## add django-numeric to urls.py
    url(r'^numeric/', include(django-numeric.urls)),
)
```

Then you can register some endpoints for your dashboard. For instance following code adds number of current users as an endpoint.

```
from django-numeric import NumberResponse
def total_users(user):
    """Return total number of users."""
    user_count = User.objects.filter(is_active=True).count()
    return NumberResponse(user_count, 'Total number of users')

# register endpoint to django-numeric
register('total-users', total_users, NumberResponse)
```

In this case, registered endpoint does not have user specific info. User specific info could be provided by using user argument of endpoint function.

After endpoint registration, open <http://localhost:8000/numeric> to see list of endpoints for current user. If there is no logged in user you will get a 404. This behaviour can be changed by providing a new permission function to register function.

Run tests

To run tests, first make sure that django is installed on current environment. Than run following command

```
$ python setup.py test
```

Build documentation

```
$ pip install -r doc_requirements.txt  
$ python setup.py build_sphinx
```