

How To Track

Suspicious Login

**Attempts
In Django**



#pythonworld

django-axes is a Django plugin for keeping track of **suspicious login attempts** for your Django based website and implementing **simple brute-force attack blocking**.



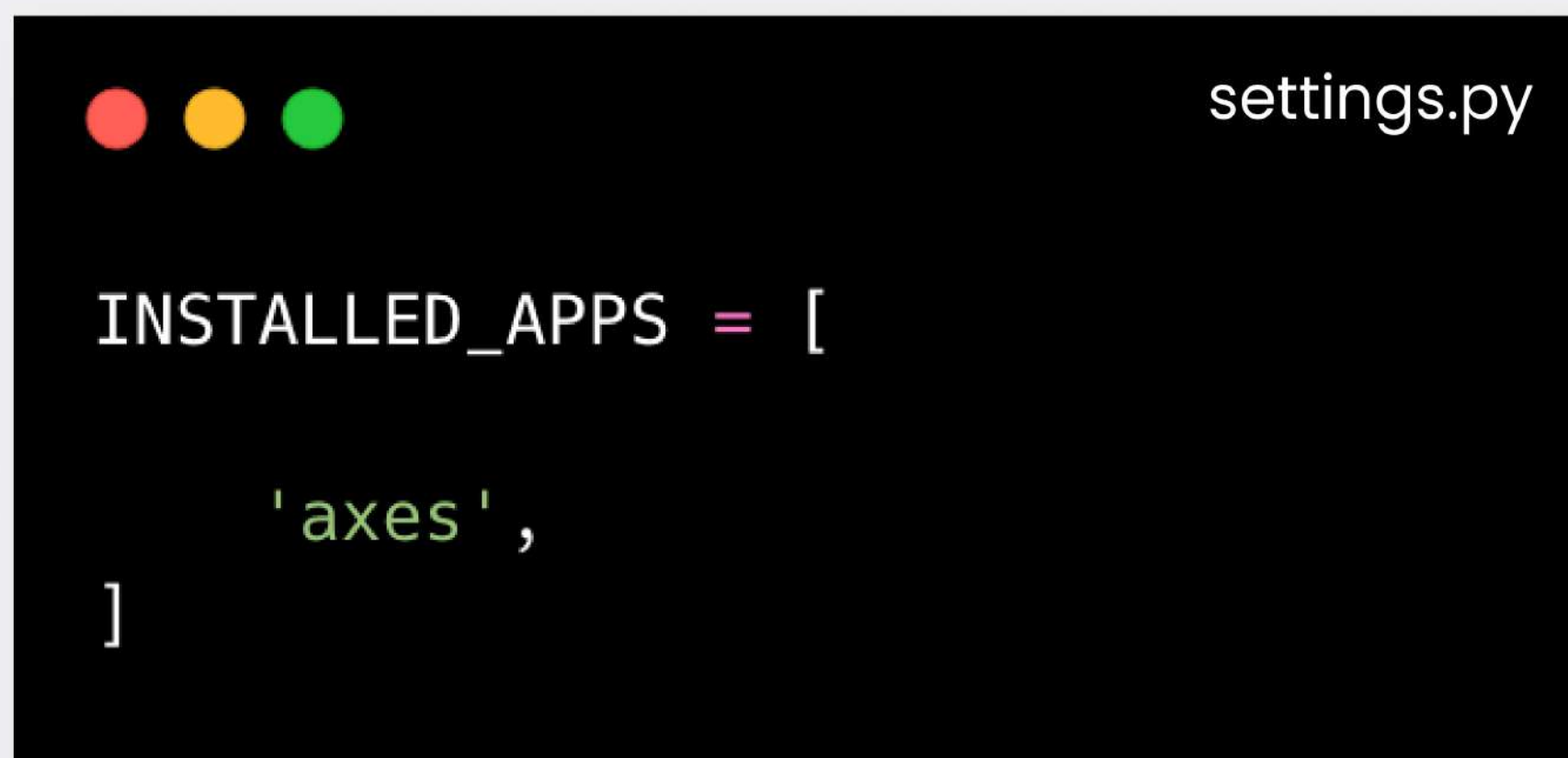
1. Install the package

We need to install **django-axes[ipware]** package by just hitting this command in terminal

```
pip install django-axes[ipware]
```

2. Add in installed apps

open settings.py file and add **axes** in **installed_apps**.



```
settings.py

INSTALLED_APPS = [

    'axes',

]
```


3. Add Authentication Backend

We need to add
`axes.backends.AxesStandaloneBackend`
to the top of
`AUTHENTICATION_BACKENDS`



settings.py

```
AUTHENTICATION_BACKENDS = [  
    'axes.backends.AxesStandaloneBackend',  
    'django.contrib.auth.backends.ModelBackend',  
]
```

4. Add Middleware

Add

`axes.middleware.AxesMiddleware`
to your list of **MIDDLEWARE**



settings.py

```
MIDDLEWARE = [
```

```
    # AxesMiddleware should be the last  
    middleware in the MIDDLEWARE list.
```

```
    'axes.middleware.AxesMiddleware',
```

```
]
```

Migrate the database

```
python manage.py migrate
```


By django admin you can manage manage the suspicious login attempts information

AXES


Access attempts

 Change

Access failures

 Change

Access logs

 Change

Important Settings



settings.py

```
AXES_ENABLED = True  
AXES_FAILURE_LIMIT = 3  
AXES_COOLOFF_TIME = 2 # 2 hours
```

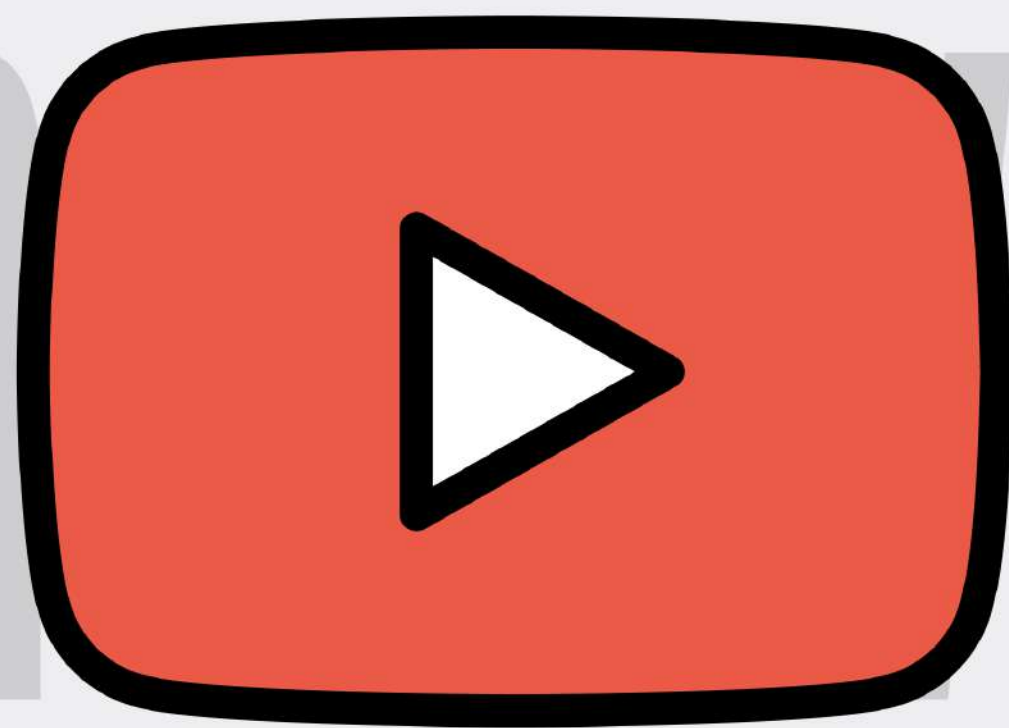
The integer number of login attempts allowed, so it means if you failed 3 times, you have to wait sometime to try login again

Cool off time after exceed the login failed limit

Enable or disable Axes plugin functionality

For more django related content

Subscribe To My Youtube Channel



Link in bio

Did You
Find This
Helpful ?

Follow for more