
hackcaptcha

0.1.0

2020 05 10

Contents

| | | |
|----------|-----------|----------|
| 1 | | 1 |
| 2 | | 3 |
| 2.1 | | 3 |
| 2.2 | | 3 |
| 2.3 | PIP | 3 |
| 2.4 | | 3 |
| 3 | | 5 |
| 3.1 | | 5 |
| 3.2 | | 5 |
| 3.3 | | 5 |
| 4 | | 7 |
| 4.1 | | 7 |
| 4.2 | | 7 |
| 4.3 | | 7 |
| 5 | | 9 |

CHAPTER 1

```
python, ,
```


2.1

:

- : Win10
- : 1050ti
- Python: 3.6.4

2.2

hackcaptcha:

```
numpy >= 1.16.2
requests >= 2.22.0
opencv-python >= 4.1.2
keras >= 2.2.4kerastensorflow/tensorflow-gpu
```

2.3 PIP

(python):

```
pip install hackcaptcha --upgrade
```

2.4

2.4.1

:

```
pip install git+https://github.com/CharlesPikachu/hackcaptcha.git@master
```

2.4.2

hackcaptcha:

```
git clone https://github.com/CharlesPikachu/hackcaptcha.git
```

, hackcaptcha:

```
cd hackcaptcha
```

:

```
python setup.py install
```

3.1

3.2

3.2.1 API

API:

```
from hackcaptcha.crackers import WebapisCracker
cracker = WebapisCracker()
infos_return = cracker.digital(imagepath='CAPTCHA IMAGE PATH', webapi_type='baidu',
↪ app_id='AppID', api_key='API Key', secret_key='Secret Key')
```

:

```
{
    'is_success': True,
    'result': 'AFD2',
    'error_msg': ''
}
```

3.3

4.1

4.1.1 zt12306

zt12306:

```
from hackcaptcha.crackers import AlgorithmsCracker
cracker = AlgorithmsCracker()
infos_return = cracker.click(imagepath='CAPTCHA IMAGE PATH', algorithm_type='zt12306',
↪ text_model_path='text.h5', object_model_path='object.h5')
```

:

```
{
    'is_success': True,
    'result': '1,2,5'
}
```

4.2

4.3

4.3.1 Canny

Canny:

```
from hackcaptcha.crackers import AlgorithmsCracker
cracker = AlgorithmsCracker()
infos_return = cracker.slider(imagepath='CAPTCHA IMAGE PATH', algorithm_type='canny')
```

:

```
{
    'is_success': True,
    'result': [cx, cy, w, h],
    'tip': 'the format of the result is (cx, cy, w, h)'
}
```

CHAPTER 5

```
' '  
: Charles_pikachu ()  
Github: https://github.com/CharlesPikachu  
: https://www.zhihu.com/people/charles\_pikachu  
B: https://space.bilibili.com/406756145  
: charlesblwx@gmail.com
```