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# pushnotifier

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# CHAPTER 1

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## What is PushNotifier for Python?

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PushNotifier for Python is a SDK to easily send push notifications to e.g. your smartphone via the service of [PushNotifier](#). You find more information on the [website](#). The module provides 4 simple functions for sending messages/images to all your devices specified.



### 2.1 Installation using pip

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**Important:** You have to have `requests` installed

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- Just run `pip install pushnotifier`

### 2.2 Manual installation

- Download the [latest release](#) from Github.
- Go into that directory.
- Run `python setup.py install`.

### 2.3 Check your installation

```
>>> import pushnotifier
>>> pushnotifier.__version__
'1.1.2'
```

If `import pushnotifier` doesn't raise an error your installation is fine and you are ready to go :D





## 3.1 Initialization

The PushNotifier object takes four parameters.

1. `username`: your username from <https://pushnotifier.de>
2. `password`: your password from <https://pushnotifier.de>
3. `package_name`: the package you want to send your messages to
4. `api_key`: your api key from <https://pushnotifier.de/account/api>

```
>>> from pushnotifier import PushNotifier
>>> pn = PushNotifier('username', 'password', 'package_name', 'api_key')
```

## 3.2 login

The `login` method returns a dictionary with some basic information about your account if the login data is valid:

```
>>> pn.login(password)
{'username': 'username', 'avatar': 'https://gravatar.com/avatar/XXXXX', 'app_
→token': 'XXXXX', 'expires_at': XXXXX}
```

## 3.3 send\_text

The `send_text` method takes three parameters of which only `text` is required.

```
>>> pn.send_text(text, devices, silent)
```

By default the message gets sent to all devices linked to your [PushNotifier](#) account. The `silent` parameter, which by default is set to `False` specifies if the message triggers a sound on the device(s) it gets sent to.

**Example:** Send the message to specific devices only and don't trigger a sound on the receiving devices.

```
>>> pn.send_text(text, devices=['ID1', 'ID2'], silent=True)
```

**Errors:**

MalformedRequestError
DeviceNotFoundError

## 3.4 send\_url

The `send_url` method has the same parameters as the `send_text` method except that it takes an `url` instead of `text`.

```
>>> pn.send_url(url, devices, silent)
```

**Example:**

```
>>> pn.send_url('https://www.example.com')
```

**Errors and returns:**

`send_url` raises the **same errors** and has the **same returns** as `send_text`.

## 3.5 send\_notification

To send a notification you have to pass 2 parameters to the method. `text` and `url`. Apart from that the method again is basically the same as `send_text` and `send_url`.

```
>>> pn.send_notification(text, url, devices, silent)
```

**Example:**

```
>>> pn.send_notification('hello world', 'https://www.example.com')
```

**Errors and returns:**

`send_notification` raises the **same errors** and has the **same returns** as `send_text` and `send_url`.

## 3.6 send\_image

To send an image you only have to pass the path of your image to the method.

```
>>> pn.send_image(image_path, devices, silent)
```

**Example:**

```
>>> pn.send_image('path/to/image.png', devices=['ID1', 'ID2', 'ID3'])
```

**Errors:**

MalformedRequestError
DeviceNotFoundError
PayloadTooLargeError
UnsupportedMediaTypeError



## CHAPTER 4

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### License

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#### MIT License

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## CHAPTER 5

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### Contact

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