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**fat-ffipd**  
*Release 0.4.2*

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## 1.1 fat\_ffipd package

### 1.1.1 Subpackages

#### fat\_ffipd.background package

##### Module contents

`fat_ffipd.background.bg_tasks`: `Dict[str, Tuple[int, Callable]] = {'im_alive': (5, <funct...`  
A dictionary containing background tasks for the flask application

`fat_ffipd.background.im_alive()`  
Function that prints 'I'm alive!'. Used to test if background tasks work correctly :return:

#### fat\_ffipd.db package

##### Module contents

`fat_ffipd.db.models`: `List[sqlalchemy.ext.declarative.api.Model] = []`  
The database models of the application

#### fat\_ffipd.routes package

##### Module contents

`fat_ffipd.routes.blueprint_generators`: `List[Tuple[Callable[str, flask.blueprints.Blueprint...`  
Defines the functions used to create the various blueprints as well as their names

## fat\_ffipd.test package

### Subpackages

## fat\_ffipd.test.db package

### Submodules

#### fat\_ffipd.test.db.TestApiKey module

```
class fat_ffipd.test.db.TestApiKey.TestApiKey (methodName='runTest')
    Bases: fat_ffipd.test.TestFramework._TestFramework
    Class that tests the ApiKey database model

test_equality ()
    Tests checking equality for model objects :return: None

test_expiration ()
    Tests if the expiration of API keys works correctly :return: None

test_hashing ()
    Tests using the model objects as keys in a dictionary :return: None

test_json_representation ()
    Tests the JSON representation of the model :return: None

test_repr ()
    Tests the __repr__ method of the model class :return: None

test_string_representation ()
    Tests the string representation of the model :return: None

test_verifying_key ()
    Tests verifying an api key :return: None
```

#### fat\_ffipd.test.db.TestUser module

```
class fat_ffipd.test.db.TestUser.TestUser (methodName='runTest')
    Bases: fat_ffipd.test.TestFramework._TestFramework
    Class that tests the User database model

test_equality ()
    Tests checking equality for model objects :return: None

test_flask_properties ()
    Tests if the flask_login properties work as expected :return: None

test_hashing ()
    Tests using the model objects as keys in a dictionary :return: None

test_json_representation ()
    Tests the JSON representation of the model :return: None

test_repr ()
    Tests the __repr__ method of the model class :return: None
```



**test\_string\_representation()**  
Tests the string representation of the model :return: None

**test\_verifying\_password()**  
Tests verifying the password of a user :return: None

## Module contents

### fat\_ffipd.test.misc package

#### Submodules

#### fat\_ffipd.test.misc.TestApiCalls module

**class** fat\_ffipd.test.misc.TestApiCalls.**TestConfig** (*methodName='runTest'*)  
Bases: fat\_ffipd.test.TestFramework.\_TestFramework

Class that tests varios API calls

**test\_expired\_api\_key()**  
Tests using an expired API key :return: None

**test\_non\_base64\_header()**  
Tests using a header that's not base64 encoded :return: None

**test\_random\_exception()**  
Tests that the API routes catch any Exceptions without issue :return: None

**test\_unauthorized\_call()**  
Tests and unauthorized API call :return: None

**test\_using\_non\_json\_data()**  
Tests sending the data as something that's not JSON :return: None

#### fat\_ffipd.test.misc.TestBackgroundTasks module

**class** fat\_ffipd.test.misc.TestBackgroundTasks.**TestBackgroundTasks** (*methodName='runTest'*)  
Bases: fat\_ffipd.test.TestFramework.\_TestFramework

Tests background tasks

**test\_im\_alive()**  
Tests the I'm alive background task :return: None

#### fat\_ffipd.test.misc.TestConfig module

**class** fat\_ffipd.test.misc.TestConfig.**TestConfig** (*methodName='runTest'*)  
Bases: fat\_ffipd.test.TestFramework.\_TestFramework

Class that tests the config class

**test\_db\_config()**  
Tests the database configuration :return: None

**test\_version()**  
Tests if the version is fetched correctly :return: None

### fat\_ffipd.test.misc.TestErrorHandling module

```
class fat_ffipd.test.misc.TestErrorHandling.TestErrorHandling (methodName='runTest')
    Bases: fat_ffipd.test.TestFramework._TestFramework

    Class that tests the flask error handling

    test_404 ()
        Tests if a 404 error is handled correctly :return: None

    test_exception ()
        Tests if unexpected exceptions are caught correctly :return: None
```

### fat\_ffipd.test.misc.TestServer module

```
class fat_ffipd.test.misc.TestServer.TestServer (methodName='runTest')
    Bases: fat_ffipd.test.TestFramework._TestFramework

    Class that tests starting the server

    test_starting_server ()
        Tests starting the server :return: None
```

## Module contents

### fat\_ffipd.test.routes package

#### Subpackages

### fat\_ffipd.test.routes.api package

#### Submodules

### fat\_ffipd.test.routes.api.TestApiKeyRoute module

```
class fat_ffipd.test.routes.api.TestApiKeyRoute.TestApiKeyRoute (methodName='runTest')
    Bases: fat_ffipd.test.TestFramework._TestFramework

    Class that tests API-key related features

    test_requesting_api_key ()
        Tests requesting an API key :return: None

    test_requesting_invalid_api_keys ()
        Tests requesting API keys with invalid data :return: None

    test_revoking_api_key ()
        Tests revoking an API key :return: None

    test_unsuccessfully_revoking_api_key ()
        Tests unsuccessfully revoking an API key :return: None
```

## Module contents

### Submodules

#### fat\_ffipd.test.routes.TestForgotRoute module

```

class fat_ffipd.test.routes.TestForgotRoute.TestForgotRoute (methodName='runTest')
    Bases: fat_ffipd.test.TestFramework._TestFramework
    Class that tests password reset features

    test_invalid_recaptcha ()
        Tests that invalid ReCaptcha responses are handled correctly :return: None

    test_page_get ()
        Tests getting the page :return: None

    test_resetting_password ()
        Tests successfully resetting a password :return: None

    test_unsuccessfully_resetting_password ()
        Tests unsuccessfully resetting a password :return: None

```

#### fat\_ffipd.test.routes.TestLoginRoute module

```

class fat_ffipd.test.routes.TestLoginRoute.TestLoginRoute (methodName='runTest')
    Bases: fat_ffipd.test.TestFramework._TestFramework
    Class that tests log-in features

    test_invalid_login_attempts ()
        Tests trying to log in with invalid credentials etc :return: None

    test_logging_in_and_out ()
        Tests logging in successfully, then once more, then logging out :return: None

    test_page_get ()
        Tests getting the page :return: None

```

#### fat\_ffipd.test.routes.TestProfileRoute module

```

class fat_ffipd.test.routes.TestProfileRoute.TestProfileRoute (methodName='runTest')
    Bases: fat_ffipd.test.TestFramework._TestFramework
    Class that tests profile features

    test_changing_password ()
        Tests changing a password :return: None

    test_page_get ()
        Tests getting the page :return: None

    test_unsuccessful_password_change ()
        Tests unsuccessfully changing a password :return: None

    test_unsuccessful_user_delete ()
        Tests unsuccessfully deleting a user :return: None

```

**test\_user\_delete()**  
Tests deleting a user :return: None

### fat\_ffipd.test.routes.TestRegisterRoute module

**class** fat\_ffipd.test.routes.TestRegisterRoute.**TestRegisterRoute** (*methodName='runTest'*)  
Bases: fat\_ffipd.test.TestFramework.\_TestFramework

Class that tests registration features

**test\_confirming()**  
Tests confirming a user :return: None

**test\_invalid\_confirm()**  
Tests invalid confirmations :return: None

**test\_invalid\_recaptcha()**  
Tests that invalid ReCaptcha responses are handled correctly :return: None

**test\_invalid\_registrations()**  
Tests registering using invalid parameters :return: None

**test\_page\_get()**  
Tests getting the page :return: None

**test\_registering\_user()**  
Tests registering a new user :return: None

### fat\_ffipd.test.routes.TestStaticRoutes module

**class** fat\_ffipd.test.routes.TestStaticRoutes.**TestStaticRoutes** (*methodName='runTest'*)  
Bases: fat\_ffipd.test.TestFramework.\_TestFramework

Class that tests static pages

**test\_get\_about()**  
Tests getting the about page :return: None

**test\_get\_index()**  
Tests getting the index page :return: None

**test\_get\_privacy()**  
Tests getting the privacy page :return: None

## Module contents

### Submodules

#### fat\_ffipd.test.TestFramework module

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## Module contents

### 1.1.2 Submodules

#### 1.1.3 fat\_ffipd.Config module

**class** fat\_ffipd.Config.**Config**

Bases: puffotter.flask.Config.Config

Configuration for the flask application

**BEHIND\_PROXY**: bool

**DB\_MODE**: str

**DB\_URI**: str

**DEBUG\_LOGGING\_PATH**: str

**FLASK\_SECRET**: str

**LOGGING\_PATH**: str

**RECAPTCHA\_SECRET\_KEY**: str

**RECAPTCHA\_SITE\_KEY**: str

**SENTRY\_DSN**: str

**SMTP\_ADDRESS**: str

**SMTP\_HOST**: str

**SMTP\_PASSWORD**: str

**SMTP\_PORT**: int

**TELEGRAM\_API\_KEY**: str

**TELEGRAM\_BOT\_CONNECTION**: bokkichat.connection.impl.TelegramBotConnection.TelegramBotCo

**TESTING**: bool

**VERSION**: str

**WARNING\_LOGGING\_PATH**: str

#### 1.1.4 fat\_ffipd.main module

fat\_ffipd.main.**main**()

Starts the flask application :return: None

### 1.1.5 Module contents

`fat_ffipd.root_path: str = '/usr/local/lib/python3.6/dist-packages/fat_ffipd-0.4.2-py3.6.'`  
The root path of the application

`fat_ffipd.sentry_dsn = 'https://4f6db305797046f6985fb0c2dc023423@sentry.namibsun.net/17'`  
The sentry DSN used for error logging

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