
fat-ffipd

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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

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

    DB_MODE = None
    DB_URI = None
    FLASK_SECRET = None
    LOGGING_PATH = None
    RECAPTCHA_SECRET_KEY = None
    RECAPTCHA_SITE_KEY = None
    SENTRY_DSN = None
    SMTP_ADDRESS = None
    SMTP_HOST = None
    SMTP_PASSWORD = None
    SMTP_PORT = None
    TESTING = None
    VERSION = None
```

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-0.3.1-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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