
django-bcrypt Documentation

Release 0.9.2

Dumbwaiter Design

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You should be using bcrypt.

django-bcrypt makes it easy to use bcrypt to hash passwords with Django.

- **Mercurial:** <http://bitbucket.org/dwaiter/django-bcrypt/>
- **Git:** <http://github.com/dwaiter/django-bcrypt/>
- **Documentation:** <http://django-bcrypt.rtd.org/>
- **Issues:** <http://bitbucket.org/dwaiter/django-bcrypt/issues?status=new&status=open>

CHAPTER 1

Installation and Usage

Install the package with `pip` and `Mercurial` or `git`:

```
pip install -e hg+http://bitbucket.org/dwaiter/django-bcrypt#egg=django-bcrypt  
  
# or ...  
  
pip install -e git://github.com/dwaiter/django-bcrypt.git#egg=django-bcrypt
```

Add `django_bcrypt` to your `INSTALLED_APPS`.

That's it.

Any new passwords set will be hashed with `bcrypt`. Old passwords will still work fine.

CHAPTER 2

Configuration

You can configure how django-bcrypt behaves with a few settings in your `settings.py` file.

BCRYPT_ENABLED

Enables bcrypt hashing when `User.set_password()` is called.

Default: `True`

BCRYPT_ENABLED_UNDER_TEST

Enables bcrypt hashing when running inside Django TestCases.

Default: `False` (to speed up user creation)

BCRYPT_ROUNDS

Number of rounds to use for bcrypt hashing. Increase this as computers get faster.

You can change the number of rounds without breaking already-hashed passwords. New passwords will use the new number of rounds, and old ones will use the old number.

Default: `12`

BCRYPT_MIGRATE

Enables bcrypt password migration on a `check_password()` call.

The hash is also migrated when `BCRYPT_ROUNDS` changes.

Default: `False`

CHAPTER 3

Acknowledgements

This is pretty much a packaged-up version of [this blog post](#) for easier use.

It also depends on the [py-bcrypt](#) library.