
Cork Documentation

Release 0.12.0a2

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Links

- [Bug tracker](#)
- [IRC: \(#bottlepy\) on Freenode](#)
- [Downloads](#)
- [Source code](#)

Cork provides a simple set of methods to implement Authentication and Authorization in web applications based on [Bottle](#) and Flask.

It is designed to stay out of the way and let you focus on what your application should do.

Cork is under development - contributions are welcome.

CHAPTER 1

Features

- Minimal design, easy to tweak.
- Multiple storage backends are supported:
 - MySQL, MariaDB, PostgreSQL using SQLAlchemy
 - MongoDB
 - SQLite
 - Local JSON files for low-traffic web applications
- Simple role-based authentication. User are authorized by role e.g. 'admin', 'user', 'editor'.
 - Admin users can create and delete user accounts and roles.
- User registration and password reset using email delivery and confirmation.
- Unit-tested and `code covered`

CHAPTER 2

News

- 2015-05-01: Version 0.12.0a2
 - Implement configurable variables in email templates #88
 - Fix #86, #87
- 2015-04-26: Version 0.12.0a1
 - WARNING: this is a development release and not backward-compatible.
 - Add Python 3 support
 - Add configurable session key #84
- 2015-01-06: Version 0.11
 - Add Flask support
 - MongoDB: add authentication #68
 - Enable configurable SMTP port. Closes: #43
 - Remove unneeded setuptools dependency. Closes: #40
- 2013-09-22: Version 0.10
 - Decorator support added. #6
 - 'last_login' user attribute added. #47 #48
 - In-memory SQLite Database support added.
 - CONTRIBUTORS.txt added
 - Bugfix: configurable role table name #46
 - Bugfix: email address #42
- 2013-07-07: Version 0.9
 - SQLite support added.
 - SMTP URL bugfix #38

- 2013-05-27: Version 0.8
 - scrypt implemented, bugfixes #34 #35 #32
- 2013-04-08: Version 0.7
 - Configurable backend support added.
 - SQLAlchemy and MongoDB support added.
 - Closes: #8 #27 #28
- 2013-01-27: Version 0.6
 - More flexible file naming in JsonBackend.
 - Fixed function to update user's email address.
 - More informative log message for missing Pycrypto.

CHAPTER 3

Roadmap

- Additional hooks to provide logging or user-defined functions in case of login()/require() failure
- Hooks to share session data between multiple hosts
- Flask support

CHAPTER 4

Basic usage

Installation:

```
$ pip install bottle-cork  
or  
$ easy_install bottle-cork
```

Use virtualenv on package-based Linux distributions! [Learn why](#)

Fully working examples are provided with the [sources](#)

- `example_webapp_decorated`
- `example_webapp`

CHAPTER 5

Code documentation

cork_module
sqlalchemy_backend
mongodb_backend
sqlite_backend

CHAPTER 6

Indices and tables

- `genindex`
- `modindex`
- `search`