
Doozer-S3 Documentation

Release 0.2.0

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Doozer-S3 is a library that helps to easily interact with S3 from inside a [Doozer](#) application.

CHAPTER 1

Installation

Doozer-S3 can be installed with:

```
$ python -m pip install Doozer-S3
```

Warning: Doozer-S3 is not yet available on the Python Package Index.

CHAPTER 2

Configuration

The following configuration settings can be added to the application.

AWS_ACCESS_KEY_ID	The Access ID used to identify the account. Defaults to None.
AWS_SECRET_ACCESS_KEY	The Access Secret used to identify the account. Defaults to None.
AWS_BUCKET_NAME	The name of the default bucket to use. Defaults to None.
AWS_REGION_NAME	The name of the Region where the bucket is located. Defaults to None.

CHAPTER 3

Usage

```
from doozer import Application
from doozer_s3 import S3

app = Application('application-with-s3')
app.settings['AWS_BUCKET_NAME'] = 'my-doozer-bucket'

S3(app)
```


class `doozer_s3.S3` (*app=None*)

A class to interact with S3.

check (*key*, *, *bucket=None*)

Check to see if a file exists in an S3 bucket.

Parameters

- **key** (*str*) – The name of the file for which to check.
- **bucket** (*Optional[str]*) – The name of the bucket in which to check for the file. If no value is provided, the `AWS_BUCKET_NAME` setting will be used.

Returns True if the file exists.

Return type `bool`

Raises `ValueError` – If no bucket name is specified.

download (*key*, *, *bucket=None*)

Return the contents of a file in an S3 bucket.

Parameters

- **key** (*str*) – The name of the file to download.
- **bucket** (*Optional[str]*) – The name of the bucket from which to download the file. If no value is provided, the `AWS_BUCKET_NAME` setting will be used.

Returns The contents of the file.

Return type `bytes`

Raises

- `FileNotFoundError` – If the key isn't found.
- `ValueError` – If no bucket name is specified.

init_app (*app*)

Initialize an `Application` instance.

Parameters `app` (*doozer.base.Application*) – The application instance to be initialized.

upload (*key, file, *, bucket=None*)

Upload a file to an S3 bucket.

Parameters

- **key** (*str*) – The name of the file to upload.
- **file** (*bytes*) – The contents of the file.
- **bucket** (*Optional[str]*) – The name of the bucket to which to upload the file. If no value is provided, the `AWS_BUCKET_NAME` setting will be used.

Raises `ValueError` – If no bucket name is specified.

Contents:

4.1 Changelog

4.1.1 Version 0.2.0

Release TBD

- Renamed to Doozer-S3

4.1.2 Version 0.1.0

Released 2017-01-30

- Initial release

CHAPTER 5

Indices and tables

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