
Fridge Documentation

Release 0.2

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Fridge is a persistent dict-like object useful for storing settings or any other JSON-serializable data. Fridge officially supports Python 3.2 and 2.7.

QUICK START

```
from fridge import Fridge

with Fridge('/home/user/config') as fr:
    username = fr['username']
    password = fr['password']
    fr.setdefault('login_count', 0)
    fr['login_count'] += 1
```


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2.1 API reference

class `fridge.Fridge` (*path=None, file=None, dump_args=None, load_args=None*)

Fridge is a subclass of `dict` and thus fully conforms to its interface.

Fridge keeps an open file until it's closed, so you have to call `close()` when you're done using it.

Fridge implements `__enter__()` and `__exit__()` so you can use *with* statement.

Parameters

- **path** – a path to a file that will be used to load and save the data
- **file** – a file object that will be used to load and save the data. This file object is not closed by fridge automatically.
- **dump_args** – dictionary of arguments that are passed to `json.dump()`.
- **load_args** – dictionary of arguments that are passed to `json.load()`.

path and *file* arguments are mutually exclusive.

static `Fridge.default_args`

Arguments that are used if `Fridge` is called without *path* or *file* arguments. Example:

```
from fridge import Fridge
```

```
Fridge.default_args['path'] = '/home/user/.settings.conf'
```

```
with Fridge() as settings:  
    settings['name'] = 'user'
```

close()

Close the fridge. Calls `save()` and closes the underlying file object unless an already open file was passed to the constructor. This method has no effect if the object is already closed.

After the fridge is closed `save()` and `load()` will raise an exception but you will still be able to use it as an ordinary dictionary.

closed = None

True after `close()` is called, False otherwise.

load()

Force reloading the data from the file. All data in the in-memory dictionary is discarded. This method is called automatically by the constructor, normally you don't need to call it.

classmethod `readonly(*args, **kwargs)`

Return an already closed read-only instance of Fridge. Arguments are the same as for the constructor.

save()

Force saving the dictionary to the file. All data in the file is discarded. This method is called automatically by `close()`.

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