PureODM Documentation

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Nick Saika

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PureODM is an incredibly lightweight object-to-document mapper for Python and MongoDB.

Where other ODMs like to do some tasks for you, PureODM does absolutely nothing for you, other than map your query results to usable Python objects. I make the following promises:

- PureODM will always let you manage your connections to your database
- PureODM will never create, or ensure the existence of, an index for you
- PureODM will add absolutely nothing to your data; the data you define is the data that will be written to the database
- PureDOM will always be supplemental; you should be able to remove it from your project at any time, without penalty

Contents:

CHAPTER

ONE

TUTORIAL

Here is a really quick example to get you started (it will all be explained afterwards):

```
>>> import pureodm
>>> import pymongo

>>> class User(pureodm.Model):
    fields = {
        'username': {
            'type': unicode,
            'required': True
        },
        'password': {
            'type': unicode,
            'required': True
        },
        'comments: {
            'type': [unicode]
        }
     }

>>> connection = pymongo.Connection(host='localhost', port=27017)
>>> database = connection['test']
>>> user = User(username='stinky')

>>> from hashlib import sha512
>>> user.password = unicode(sha512('some-password').hexdigest())

>>> user.save_to(database['users'])

>>> existing_user = User.find_one_in(database['users'], {'username': 'enid'})
>>> print existing_user.comments[0]
'...we never really knew each other, anyways.'
```

CHAPTER

TWO

FIELDS

2.1 Field properties

2.1.1 `type`

2.1.2 `required`

2.1.3 `default`

CHAPTER

THREE

INDICES AND TABLES

- *genindex*
- *modindex*
- *search*