Big Data; 02 Practical - Python Basics 2

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Basic MongoDB Operations

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Insert Documents

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Update Documents

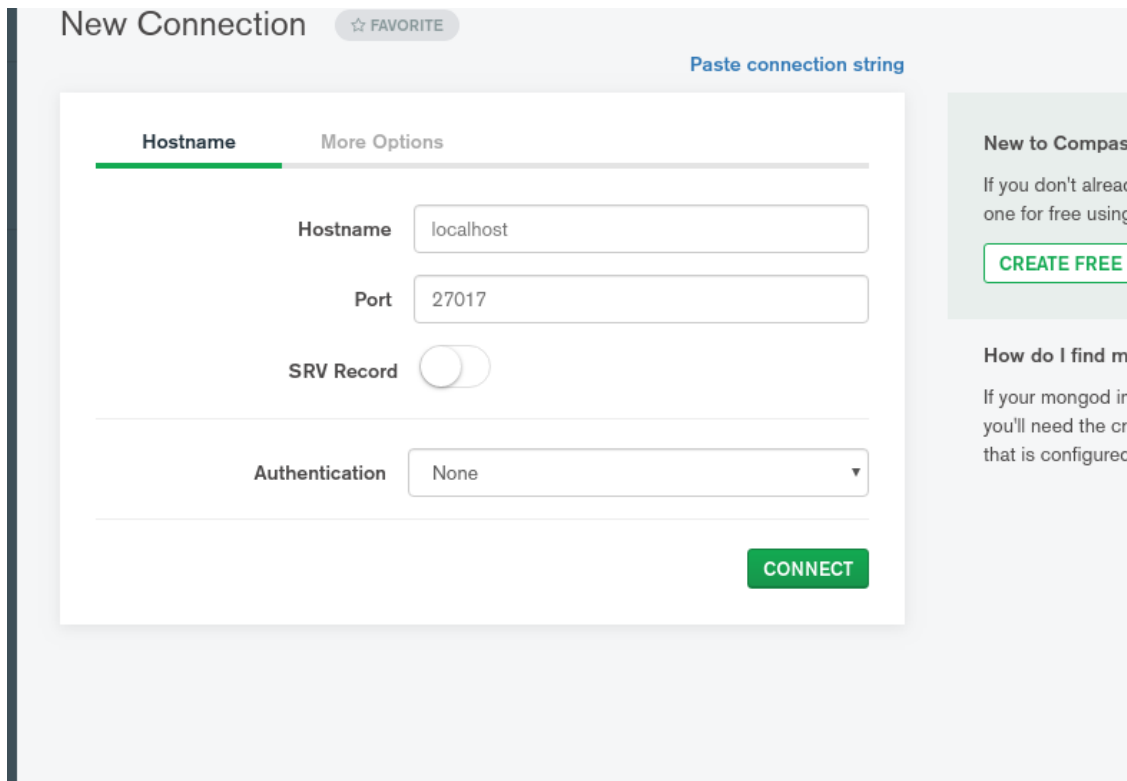### Remove Documents

Using the `product` Database

The `./product.json` Database will be used here

Using the Mongo-compass program   ATTACH

1. Open mongo-compass

2. Connect to the mongoDB server

    (a) Probably `http://localhost:38157`

        i. If you're on SystemD check with `sudo systemctl status mongodb`

List Movies

Find Songs

How to use Org-Babel Mongo

Org Babel Mongo

Support for MongoDB queries in org-mode blocks, like so:

```
#+BEGIN_SRC mongo :db staff
db.employees.count({country: "gb"});
#+END_SRC

#+RESULTS:
: 15
```

Installation

If you're hooked up to MELPA:

```
M-x package-refresh-contents
M-x package-install RET ob-mongo
```

Alternatively just grab the single `ob-mongo.el` file and install that in your preferred way.

Status

Alpha. Safe to use, but feature-poor. It's still better than it not existing at all. ;-)

Options

Each block supports the following arguments:

Argument	Description	Example	Default
:db	Database name.	#+BEGIN_SRC mongo :db staff	None.
:host	Host	#+BEGIN_SRC mongo :host localhost	None.
:port	Port	#+BEGIN_SRC mongo :port 27018	None.
:user	Username	#+BEGIN_SRC mongo :user root	None.
:password	Password	#+BEGIN_SRC mongo :password superword	None.
:mongoexec	Mongo executable	#+BEGIN_SRC mongo :mongoexec mongo26	"mongo"

All defaults are customizable with `M-x customize-group RET ob-mongo`.