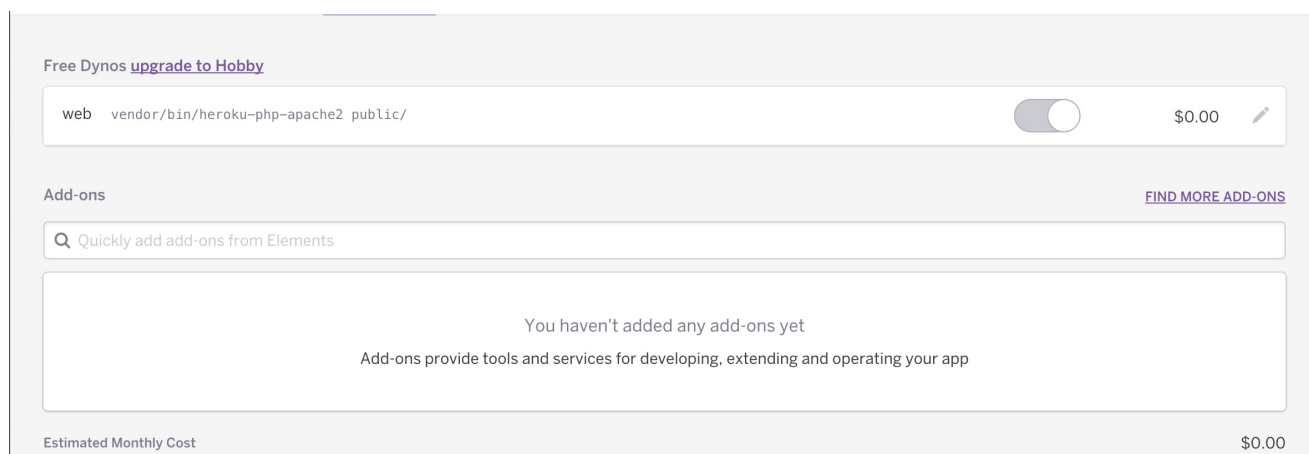


Boise State - CS 401

Heroku + MySQL

1. First, open your [apps listing](#) and choose the app you want to install MySQL on.
2. In the Add-ons search field, enter `ClearDB MySQL` and select it. Choose the free plan (Ignite) and click provision:



3. Click on the Settings tab:

Config Variables

Config vars change the way your app behaves.

In addition to creating your own, some add-ons come with their own.

[Reveal Config Vars](#)

4. Click Reveal Config Vars and copy the `CLEARDB_DATABASE_URL` value. For this example we'll use `mysql://be7813156b6434:b7cb13a4@us-cdbr-east-04.cleardb.com/heroku_f3d6b64b4b5dc57?reconnect=true`

- Everything after the @ symbol until the / is the DB_HOST, us-cdbr-east-04.cleardb.com
- Everything after / until ? is DB_DATABASE , heroku_f3d6b64b4b5dc57
- The string after the // until : is the DB_USERNAME , be7813156b6434
- The string between : and @ is the DB_PASSWORD , b7cb13a4

5. In Dao.php add the following:

```
<?php
class Dao {
    private $host = "us-cdbr-east-04.cleardb.com";
    private $db = "heroku_f3d6b64b4b5dc57";
    private $user = "be7813156b6434";
    private $pass = "b7cb13a4";
    public function getConnection () {
        return
            new PDO("mysql:host={$this->host};dbname={$this->db}");
    }
    ...
}
```

6. To manage the tables, data and other settings in your ClearDB database, use a commonly known Graphical tools such as [Oracle's MySQL Workbench](#), [Sequel Pro for Mac OS X](#), or [Navicat](#), or any of the bundled MySQL tools, such as the `mysql` and `mysqldump` command-line utilities. Whatever tool you choose, connect with your variables from step 4.

An example using `mysql` :

```
~/cricketandbea(branch:master) » mysql --user="be7813156b6434" --password="b7cb13a4" heroku_f3d6b64b4b5dc57 --host="us-cdbr-east-04.cleardb.com"
mysql: [Warning] Using a password on the command line interface can be insecure.
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 400238479
Server version: 5.5.40-Log MySQL Community Server (GPL)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| heroku_f3d6b64b4b5dc57 |
+-----+
2 rows in set (0.27 sec)

mysql> use heroku_f3d6b64b4b5dc57;
Database changed
mysql> show tables;
+-----+
| Tables_in_heroku_f3d6b64b4b5dc57 |
+-----+
| comment |
| item |
| post |
| post_comment |
| user |
+-----+
5 rows in set (0.08 sec)

mysql> █
```