Installing the driver on a Windows machine running PHP 5.4 on Apache (XAMPP):

1. Download the ZIP archive <https://github.com/mongodb/mongo-php-driver/downloads> on your machine and extract it.
2. Copy the php\_mongo.dll file from the extracted folder to the PHP extension directory(C:\xampp\php\ext).
3. Open the php.ini file inside your PHP installation and add the following line: extension=php\_mongo.dll
4. Save the file and close it. Restart the XAMP.
5. Open up your text editor and add the following code to a new file:<?php phpinfo();?>, save the file as phpinfo.php inside the DocumentRoot of the Apache web server (htdocs) and open the PHP script in the browser. If you see mongo in the PHP info, the installation was successful.

## Mongo Web Development with PHP

### Connecting to a MongoDB Database Server

CRUD

If DB not exists in MONGODB its auto created

<?php

// Creating Connection

$con = new MongoDB\Client("mongodb://localhost:27017");

Or

$connection = new Mongo();

// Creating Database

$dbname = $connection->dcs;

// Creating Document

$collection = $dbname->student;

// Insering Record

$collection->insertOne( [ 'name' =>'abc', 'email' =>'abc@gmail.com' ] );

// Fetching Record

$record = $collection->find( [ 'name' =>'abc'] );

foreach ($record as $stud) {

echo $stud['name'], ': ', $stud['email']."<br>";

}

?>

MONGODB Connectivity with PYTHON

Install

pip install pymongo

1. To perform CRUD operations first need to establish the connection using Mongo client

>>> from pymongo import MongoClient  
>>> client = MongoClient('localhost',27017) # 27017 is the default port number for mongodb

2. Next step is to connect to the database (test).

db = client.test

3. Now retrieve the collection (person) from the database

col = db.student

col.insert\_many(  
[  
{ name: "Abc", Marks: 100},  
{ name: "PQR", Marks: 100},  
{ name: "XYZ", Marks: 100}  
]  
)

col.find()

col.update\_one({"name":"Abc"}, {"$set":{"name":"AAA"}})

col.delete\_one({"name":"AAA"})