



Base de datos con Fat-Free Framework



Conexión a DB desde FFF

```
$db=new DB\SQL(  
    'mysql:host=localhost;port=3306;dbname=smart_home',  
    'usuario',  
    'pass');
```



Conexión a DB desde FFF

```
class ControllerManager
{
    public function beforeRoute($f3)
    {
        $this->db= new DB\SQL(
            'mysql:host=localhost;port=3306;dbname=smart_home',
            'root',
            '235711');
    }
}
```



Ejecutando queries

```
$result = $this->db->exec('SELECT * FROM Devices ORDER  
BY name');
```

```
echo(json_encode($result));
```

```
[{"id":"1","name":"Lampara 1","description":"Luz living","state":"1","type":"0"},  
{"id":"2","name":"Lampara 2","description":"Luz cocina","state":"0","type":"0"},  
{"id":"3","name":"Velador","description":"Velador living","state":"1","type":"0"}]
```



Ejecutando queries

```
$st = $_POST["state"];  
$id = $_POST["id"];
```

```
$result = $this->db->exec("UPDATE Devices SET state=$st  
                           WHERE id=$id");
```

```
if($result==1)  
    echo("OK");  
else  
    echo("Error");
```



Evitando SQL Injection

```
$data = array(1=>$stateValue, 2=>$id);  
  
$result = $this->db->exec("UPDATE Devices SET state=?  
                           WHERE id=?", $data);  
  
if ($result==1)  
    echo ("OK");  
else  
    echo ("Error");
```



Bibliografía

- <https://fatframework.com/3.6/user-guide>