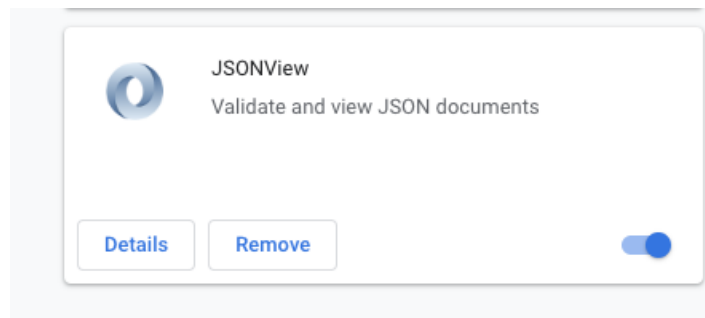# *This documentation is to show future developers how to setup Event Tracking System and work with it locally.*

Things to setup:

- MySQL database on local machine
- IDE / Text Editor
- Chrome Extension
- GitHub Repo

Google Chrome Extension:

In chrome there is an Extension called:

This helps with viewing the JSON file when working with the back-end.

BEFORE - EXTENSION:

{"records":[{"id":"4","organization_id":"2","org_name":"Georgia Gwinnett College","title":"CREATE Fall 2020","description":"Let us show you what we worked on this Fall. Food is free too!","email":"CREATE@ggc.edu","phone":"000-000-0001","job_description":null,"Job Start Time":null,"Job End Time":null,"max_position":null,"min_position":null},{"id":"3","organization_id":"2","org_name":"Georgia Gwinnett College","title":"Grad. Party","description":"Party all day!!!!","email":"ggcEvents@ggc.edu","phone":"888-888-8888","job_description":null,"Job Start Time":null,"Job End Time":null,"max_position":null,"min_position":null},{"id":"2","organization_id":"1","org_name":"Test Organization","title":"Car Show at Mall of Georgia","description":"Bring your car and show it off to strangers you dont know. Why not its fun...","email":"carShow@ggc.edu","phone":"123-456-7890","job_description":null,"Job Start Time":null,"Job End Time":null,"max_position":null,"min_position":null}]}

AFTER - EXTENSION:

{
  - records: [
    - {
        id: "4",
        organization_id: "2",
        org_name: "Georgia Gwinnett College",
        title: "CREATE Fall 2020",
        description: "Let us show you what we worked on this Fall. Food is free too!",
        email: "CREATE@ggc.edu",
        phone: "000-000-0001",
        job_description: null,
        Job Start Time: null,
        Job End Time: null,
        max_position: null,
        min_position: null
      },
    - {
        id: "3",
        organization_id: "2",
        org_name: "Georgia Gwinnett College",
        title: "Grad. Party",
        description: "Party all day!!!!",
        email: "ggcEvents@ggc.edu",
        phone: "888-888-8888",
        job_description: null,
        Job Start Time: null,
        Job End Time: null,
        max_position: null,
        min_position: null
      },
    - {
        id: "2",
        organization_id: "1",
        org_name: "Test Organization",
        title: "Car Show at Mall of Georgia",
        description: "Bring your car and show it off to strangers you dont know. Why not its fun...",
        email: "carShow@ggc.edu",
        phone: "123-456-7890",
        job_description: null,
        Job Start Time: null,
        Job End Time: null,
        max_position: null,
        min_position: null
      }
    ]
}

1: Download and install any text editor of your choice.

IDE	*Editors*
PHPStorm	VS Code
Netbeans	Atom.io
Visual Studio	Sublime Text

ETC..

2. Next you need install PHP , MySQL , PHPMyAdmin and Apache

Best way to do this is to install

AMPPS - https://www.ampps.com/downloads

3. Pull the GitHub repo to a folder in your local machine and make a copy of it somewhere else

4. Then you need to pass the folder to AMPPS.
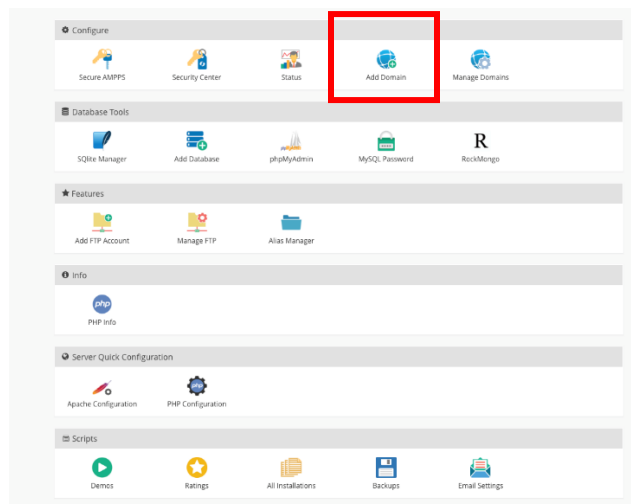
AMPPS (Domain Path) should be directed to your repo(copy) folder under the add Domain tab

These might also help

http://www.ampps.com/wiki/Adding_a_Domain

https://www.youtube.com/watch?v=iqA5-0JIa4o

https://www.youtube.com/watch?v=siWWeaEy5vM

5. Upload database for project to PHPMyAdmin.
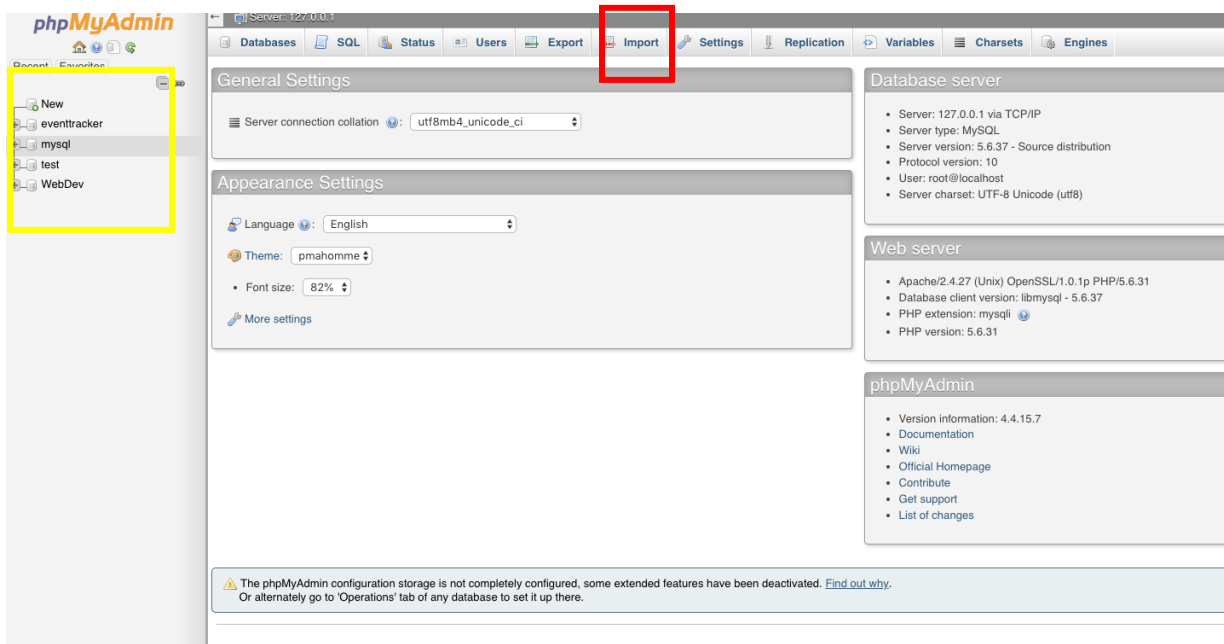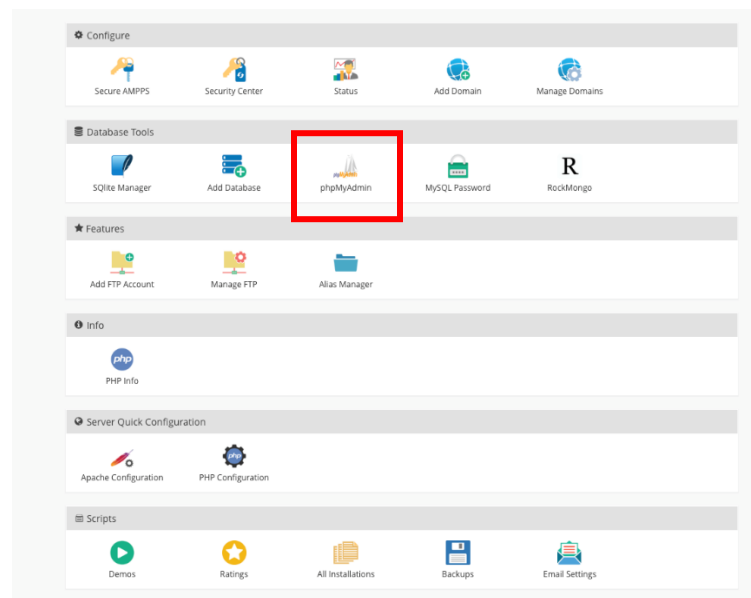
- Create a name for the database (<mark>YELLOW BOX</mark>)
- Then Click that database... and go to Import (RED BOX)

Importing into the current server

File to Import:

File may be compressed (gzip, bzip2, zip) or uncompressed.
A compressed file's name must end in **.[format].[compression]**. Example: **.sql.zip**

Browse your computer: [Choose File] No file chosen   (Max: 8,192KiB)
You may also drag and drop a file on any page.

Character set of the file: [utf-8 ⬍]

Partial Import:

☑ Allow the interruption of an import in case the script detects it is close to the PHP timeout limit. *(This might be a good way to import large files, however it can break transactions.)*

Skip this number of queries (for SQL) or lines (for other formats), starting from the first one: [0]

Format:

[SQL   ⬍]
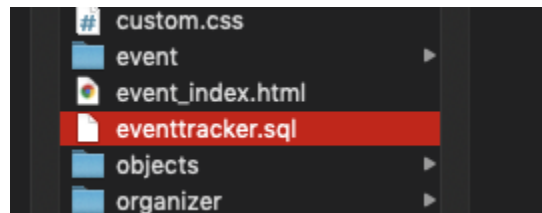
Format-Specific Options:

SQL compatibility mode: [NONE ⬍]

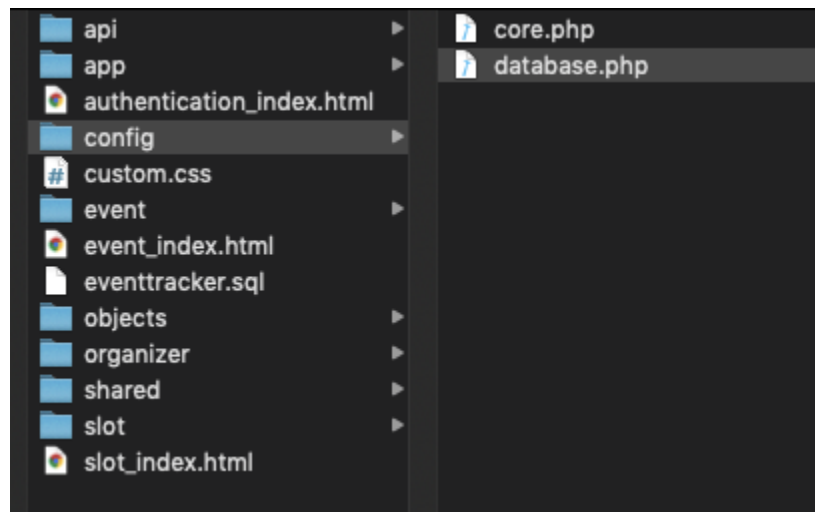☑ Do not use AUTO_INCREMENT for zero values

☐ Read as multibytes

[Go]

- Then find the file .sql in your repo folder

custom.css
📁 event ▶
🌐 event_index.html
📄 eventtracker.sql
📁 objects ▶
📁 organizer ▶

6. Next find your Domain Folder to change a few things to work with your local database

- in your folder find the config folder and open database.php with an Editor

📁 api ▶   📄 core.php
📁 app ▶   📄 database.php
🌐 authentication_index.html
📁 config ▶
custom.css
📁 event ▶
🌐 event_index.html
📄 eventtracker.sql
📁 objects ▶
📁 organizer ▶
📁 shared ▶
📁 slot ▶
🌐 slot_index.html

- Then edit the code in the (RED BOX) below to match your local database info.
- You can find this info in the phpMyAdmin.

```php
database.php ×
1   <?php
2   class Database{
3
4       // specify your own database credentials
5       private $host = "localhost";
6       private $db_name = "eventtracker";
7       private $username = "root";
8       private $password = "mysql";
9       public $conn;
10
11      // get the database connection
12      public function getConnection(){
13
14          $this->conn = null;
15
16          try{
17              $this->conn = new PDO("mysql:host=" . $this->host . ";dbname=" . $this->db_name, $this->username, $this->password);
18              $this->conn->exec("set names utf8");
19          }catch(PDOException $exception){
20              echo "Connection error: " . $exception->getMessage();
21          }
22
23          return $this->conn;
24      }
25  }
26  ?>
```

7. If everything is completed correctly then you can start working with the database and code.

	Name	Last modified	Size	Description
	Parent Directory		-	
	api/	2018-11-12 19:05	-	
	app/	2018-11-12 19:05	-	
	authentication_index..>	2018-11-12 19:05	12K	
	config/	2018-10-22 18:37	-	
	custom.css	2018-11-12 19:05	96	
	event/	2018-11-12 19:05	-	
	event_index.html	2018-11-12 19:05	1.5K	
	eventtracker.sql	2018-11-12 19:05	7.6K	
	objects/	2018-11-12 19:05	-	
	organizer/	2018-10-22 18:37	-	
	shared/	2018-10-22 18:37	-	
	slot/	2018-11-12 19:05	-	
	slot_index.html	2018-11-12 19:05	1.4K	

Powered by AMPPS and Softaculous