

OnlyPlans - Smart Calendar Application

A modern, intelligent calendar system with Intelligent time slot suggestions and conflict detection.

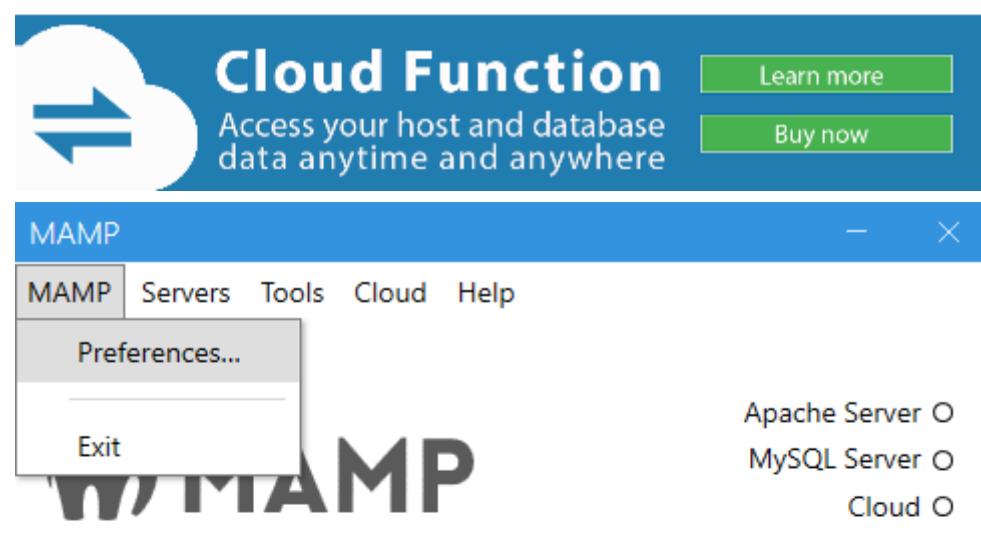
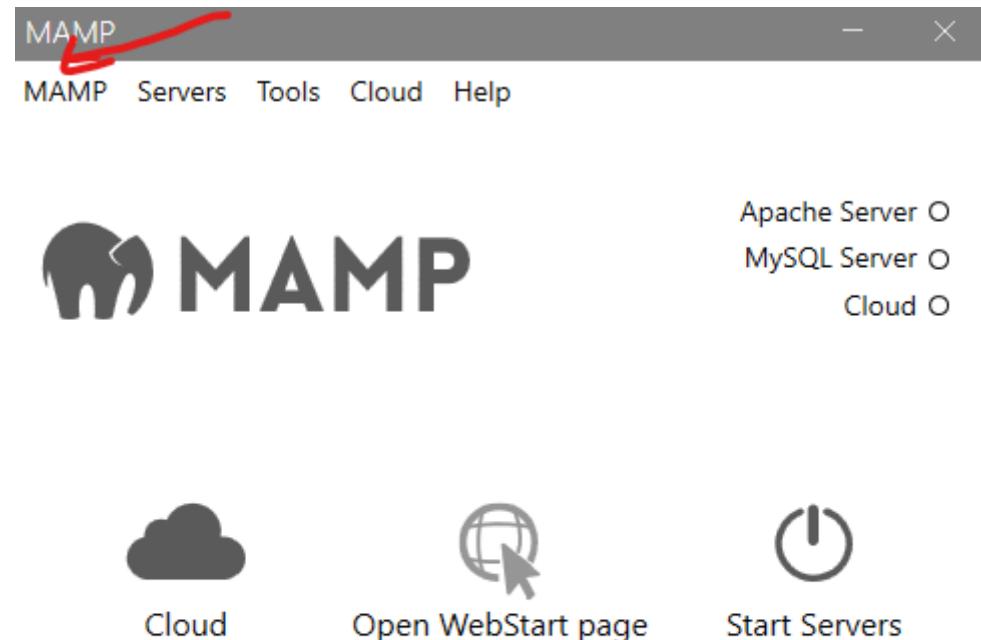
Features

- **Smart Event Scheduling:** Create, edit, and delete events with color coding
 - **Intelligent Suggestions:** algorithm finds optimal time slots based on:
 - Existing calendar conflicts
 - Preferred time windows (6 AM - 10 PM)
 - Quality scoring (excellent/good/fair/poor)
 - 6 date range options (today, tomorrow, this week, next week, this month, next month)
 - **Instant Event Creation:** One-click event creation from suggested slots
 - **Visual Calendar Interface:** FullCalendar integration with drag-and-drop
 - **Conflict Detection:** Automatic overlap detection prevents double-booking
 - **Modern UI:** Gradient design with responsive layout
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Manual Installation (For Windows)

Steps: (For Windows)

1. **Clone/Download this repository**
2. install MMAMP (<https://www.mamp.info/en/windows/>)
3. Setup MMAMP
 - once installation process is complete
 - you will have to first set up the ports you need.
 - This is a step by step guide on what to do



- Set the Port numbers to this

Start/Stop Ports PHP Server Cloud

Apache Port: (2-65535)

Nginx Port: (2-65535)

MySQL Port: (1024-65535)

Set Web & MySQL ports to:

- Here you would put in the path to the github repo

PREFERENCES X

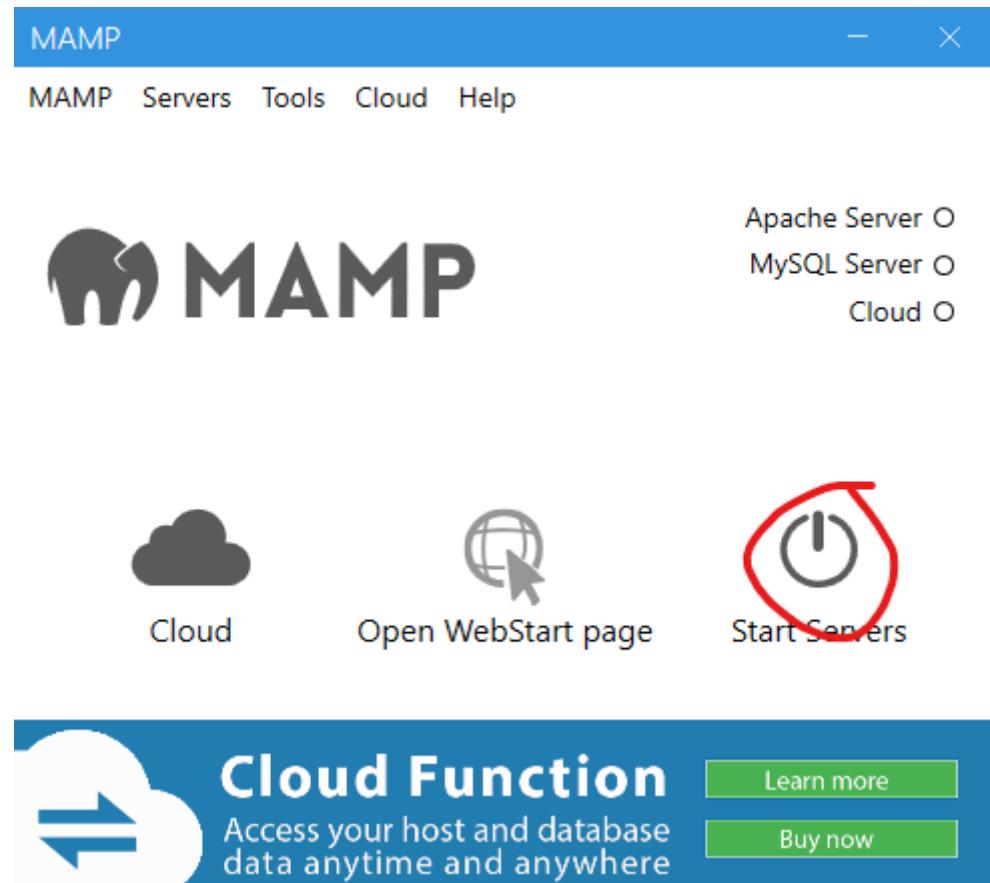
Start/Stop Ports PHP Server Cloud

Web server: Apache Nginx

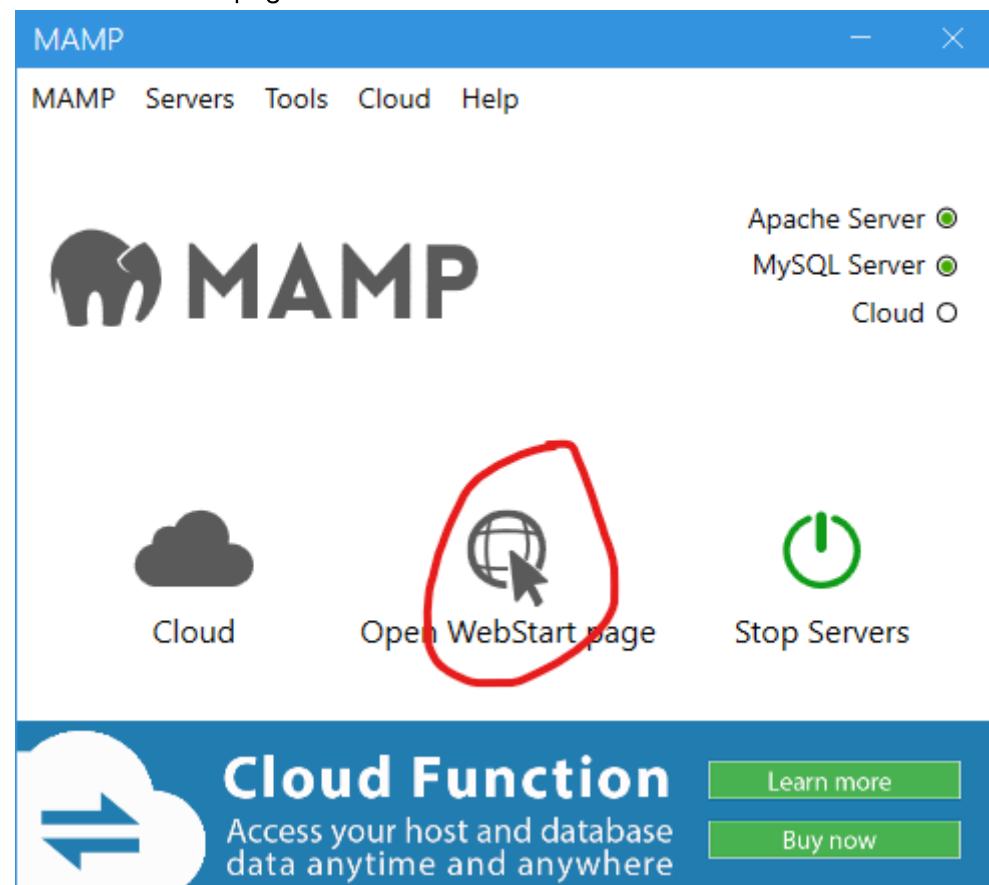
Document Root:

Database server: MySQL 5.7.24

- You start the server now

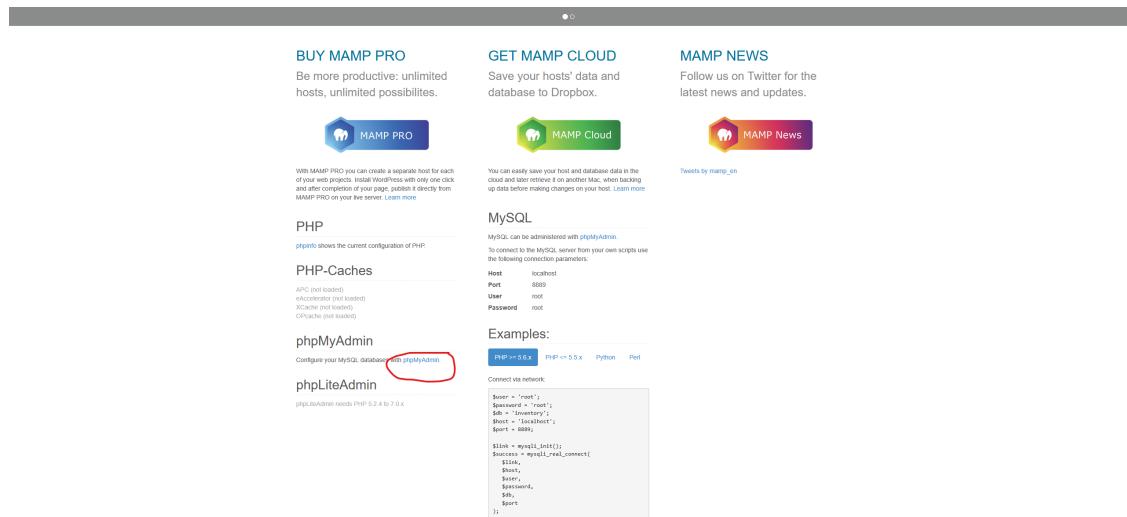


- We start the Webpage server



4. Setup Database

- You will then go over phpMyadmin and import the **mydatabase.sql** file to set up the database



- Click on the Database button and create a database named mydatabase

The screenshot shows the phpMyAdmin 'Databases' screen. At the top, there are tabs for Databases, SQL, Status, User accounts, Export, Import, Settings, Replication, Variables, and Charssets. Below the tabs, there's a 'Create database' button and an input field for 'Database name' with 'utf8_general_ci' selected. A red circle highlights this area. The main table lists databases: information_schema, mydatabase (selected), mysql, performance_schema, and sys. The 'mydatabase' row is highlighted with a red box. At the bottom, there are buttons for 'Check all', 'With selected', and 'Drop'. A note says: '⚠ Note: Enabling the database statistics here might cause heavy traffic between the web server and the MySQL server.' A 'Enable statistics' button is shown.

- Once Created, You need to click the database button on the header, select the import section and then click the browse button

The screenshot shows the phpMyAdmin 'Import' screen. At the top, there are tabs for Structure, SQL, Search, Query, Export, Import (highlighted with a red circle), Operations, Privileges, Routines, Events, Triggers, and Designer. The left sidebar shows the database structure with 'mydatabase' selected. The main area is titled 'Importing into the database "mydatabase"' and contains sections for 'File to import:', 'Partial import:', 'Other options:', and 'Format-specific options:'. A 'Browse...' button is highlighted with a red circle in the 'File to import:' section.

- Before you import the **mydatabase.sql** file, you need to first change some code to match the below image (*for some reason this is what needs to be changed in order to work on Windows*) and save the file --> (utf8mb4_unicode_ci)

```

-- 
-- Table structure for table 'table_event'
--

CREATE TABLE `table_event` (
  `id` int NOT NULL,
  `title` varchar(100) CHARACTER SET utf8mb4 COLLATE utf8mb4_unicode_ci NOT NULL,
  `start_date` date NOT NULL,
  `end_date` date NOT NULL,
  `start_time` time NOT NULL,
  `end_time` time NOT NULL,
  `created_at` date DEFAULT NULL,
  `color` varchar(7) NOT NULL DEFAULT '#3788d8',
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_unicode_ci;

-- 
-- Dumping data for table 'table_event'
--

```

- You then click the browse button, locate the file, import to the database & select go.
- Finally to get the application to show up make sure the port is set to the number below (Open up the **connection.php** file) & save the file:

```

connection.php ✘ x
<?php
$server = 'localhost';
$port = 8889
$username = 'root';
$password = 'root';
$database = 'mydatabase';

$connection = mysqli_connect($server, $username, $password, $database, $port);
if (!$connection) {
    // For AJAX requests, return JSON error instead of dying
    if (!empty($_SERVER['HTTP_X_REQUESTED_WITH']) && strtolower($_SERVER['HTTP_X_REQUESTED_WITH']) == 'xmlhttprequest') {
        header('Content-Type: application/json');
        echo json_encode(['error' => true, 'message' => 'Database connection failed: ' . mysqli_connect_error()]);
        exit;
    }
    die('Connection failed: ' . mysqli_connect_error());
}

$select_db = mysqli_select_db($connection, $database);
if (!$select_db) {
    // For AJAX requests, return JSON error
    if (!empty($_SERVER['HTTP_X_REQUESTED_WITH']) && strtolower($_SERVER['HTTP_X_REQUESTED_WITH']) == 'xmlhttprequest') {
        header('Content-Type: application/json');
        echo json_encode(['error' => true, 'message' => 'Database selection failed']);
        exit;
    }
    echo("connection terminated");
}

```

5. Finally navigate to localhost:8888 and the application should load up.

How to Use

Creating Events:

1. From Calendar:

- Click any date on calendar
- Auto-redirects to pre-filled form
- Choose color, set times
- Click "Create Event"

2. From Smart Suggestions:

- Click "Smart Suggestions" button
- Select duration (0.5-4 hours)
- Choose date range
- Pick time window
- Click "Find Smart Suggestions"

- Select any suggested slot → Instant creation!

Editing Events:

- Click existing event
- Modify details in modal
- Save changes

Deleting Events:

- Click event → Delete button
- Or use bulk delete from menu

Smart Suggestions Features:

- **Quality Scoring:** Excellent (100pts), Good (75pts), Fair (50pts)
 - **Conflict Detection:** Prevents overlapping events
 - **Time Windows:** Morning, afternoon, evening, or all day
 - **Date Ranges:** Today to next month options
 - **Uniqueness:** No duplicate slots shown
-

Version 1.0 - November 2025