

PlantTrack

Technical Specification



Deployment Procedure

OS & Webserver

Install the web server of your choice on the operating system of your choice according to their documentation. PlantTrack recommends the Apache web server for ease of use. NGINX is another popular choice.

PHP & MySQL

1. Install PHP version 7.2+ with the default settings for your environment.
2. The following PHP extensions must be enabled. They can be enabled via the php.ini file.
 - a. mbstring
 - b. intl
3. Install the latest available version of MySQL according to their documentation.

Composer

1. Install Composer according to their documentation.

Application

1. Extract the application from the download file into your directory of choice.
2. Create a symlink from your webserver's webroot folder pointing to the webroot folder in the project directory. This can be accomplished with the Windows mklink command or the Linux ln command.
3. Run the *composer install* command within the project's root directory to install the CakePHP libraries and dependencies.

Database

1. Locate the project-base.sql file in the Resources directory. Run the contents of the file in MySQL either via the command line or your graphical client. This will create a database called plant_track.
2. Create a user with full permissions on this database.
3. Add the username and password of the user you just created to the app.php file in the config directory under the *Datasources* section.