# Catalyst Scripting

Contents

[Catalyst Scripting 1](#_Toc94534157)

[Installation 1](#_Toc94534158)

[Usage 1](#_Toc94534159)

[Assumptions 1](#_Toc94534160)

## Installation

This script uses PHP’s MySQL PDO extension. As such, to install this extension, run the following command in the terminal:

sudo apt-get install php-common php-mysql php-cli

If issues arise, run this command and then the prior one again:

sudo apt-get –purge remove php-common

## Usage

These are the flags that can be used with the user\_upload script:

* --file [csv file name] – this is the name of the CSV to be parsed
* --create\_table – this will cause the MySQL users table to be built (and no further action will be taken)
* --dry\_run – this will be used with the --file directive in case we want to run the script but not insert into the DB. All other functions will be executed, but the database won't be altered
* -u – MySQL username
* -p – MySQL password
* -h – MySQL host
* --help – which will output the above list of directives with details.

The .csv file provided should consist of 3 columns: name, surname, email. The first row should list these column names.

The foobar script requires no flags.

## Assumptions

* The schema being used is named “catalyst”, and the host directive refers only to the IP address of the host
* The create\_table directive can be used in tandem with other directives (I interpreted “and no further action will be taken” as meaning outside of other directives being provided)
* The priority with this script was readability and maintainability over performance, hence my usage of exceptions rather than error codes