

Manual for sync module

I Installation p2-

Installation

Node

For Linux or MacOS it's recommended first to install the packet manager Homebrew, in order to install Node.

Once you have installed Homebrew use it to install Node. For Windows the process of installing Node is straight forward.

Git

Download and install Git in order to download the repository, I personally like the Git Bash but just installing Git hub should be sufficient.

Sync module

Download the module by entering the following commands on the desire directory.

```
>Git clone https://rresendez@bitbucket.org/rresendez/csv\_ux.git
```

Once download cd to the repository and install the dependencies by typing the following command:

```
>Npm install
```

Make sure to execute that command on the folder where the package.json file is.

Upload folder

For linux users make sure the upload folder has permission to write read and execute.

Database connection

Under the config folder there are several files the database files, which sets up the connection for MySQL, the file named database.js hold the configuration for the database, you can switch in between databases by renaming the current file and renaming the desire file to database.js. The same logic applies for the passport.js file which handles local authentic ion.

Required Tables

There are a list of required tables in order for the program to work correctly the schema for the tables is presented in the schema section.

- 1) Local authentication table.
- 2) Temporary id table.
- 3) Csv log table.

Schema

tbl_log_csv

```
CREATE TABLE `tbl_log_csv` (  
  `id` int(11) NOT NULL AUTO_INCREMENT,  
  `date` datetime DEFAULT CURRENT_TIMESTAMP,  
  `username` varchar(45) NOT NULL,  
  `create_entry` int(11) NOT NULL DEFAULT '0',  
  `del_non_4` int(11) NOT NULL DEFAULT '0',  
  `time_non_match` int(11) NOT NULL DEFAULT '0',  
  `time_match` int(11) NOT NULL DEFAULT '0',  
  `db_orphan` int(11) NOT NULL DEFAULT '0',  
  `state_update` int(11) NOT NULL DEFAULT '0',  
  PRIMARY KEY (`id`)  
) ENGINE=InnoDB AUTO_INCREMENT=6 DEFAULT CHARSET=latin1;
```

tbl_tmp_id

```
CREATE TABLE `tbl_tmp_id` (  
  `unique_id` int(11) NOT NULL AUTO_INCREMENT,  
  `id` int(11) NOT NULL,  
  `date` date NOT NULL,  
  PRIMARY KEY (`unique_id`)  
) ENGINE=InnoDB AUTO_INCREMENT=11 DEFAULT CHARSET=latin1;
```

tbl_users_serv

```
CREATE TABLE `tbl_users_serv` (  
  `id` int(10) unsigned NOT NULL AUTO_INCREMENT,  
  `username` varchar(20) NOT NULL,  
  `password` char(60) NOT NULL,  
  PRIMARY KEY (`id`),  
  UNIQUE KEY `id_UNIQUE` (`id`),  
  UNIQUE KEY `username_UNIQUE` (`username`)  
) ENGINE=InnoDB AUTO_INCREMENT=3 DEFAULT CHARSET=latin1;
```