

ZOE - Renault Interface

by Wolfgang Jenne, wolfi@spider.li

V0.1

General

The Application is designed to be multi user capable. However, the whole part of user management is not yet done. Only login is performed.

The server checks for new values for all registered vehicles each 5 minutes and stores them in the database. If the vehicle is on charging, a "chargenow" request is sent which is resulting in new values each 10 Minutes during charging (probably a bug on the Renault side).

When charging, the charging power is calculated across the last 2 values. The precision is very bad, probably due to a bug on the renault side, values measured get the timestamp of the server instead of the time of measurement.

Installation

The database is mysql, the access data is stored in admin666/static.php

To regularly fetch the data from the renault site, a cron needs to be installed on the webserver calling the script ajax_get_actual_ze_values.php each 5 minutes.

Username& Password

The Username and Password for Login are identical to the once to Login from Renault. They are stored encrypted in the Database. Currently, there is no built in easy creation for the database, so a script has to be built to encrypt these values.

74 %

Messung vom 23.01.2018 17:32

Restreichweite: 169 km

Restreichweite bei 100% SOC: 228 km

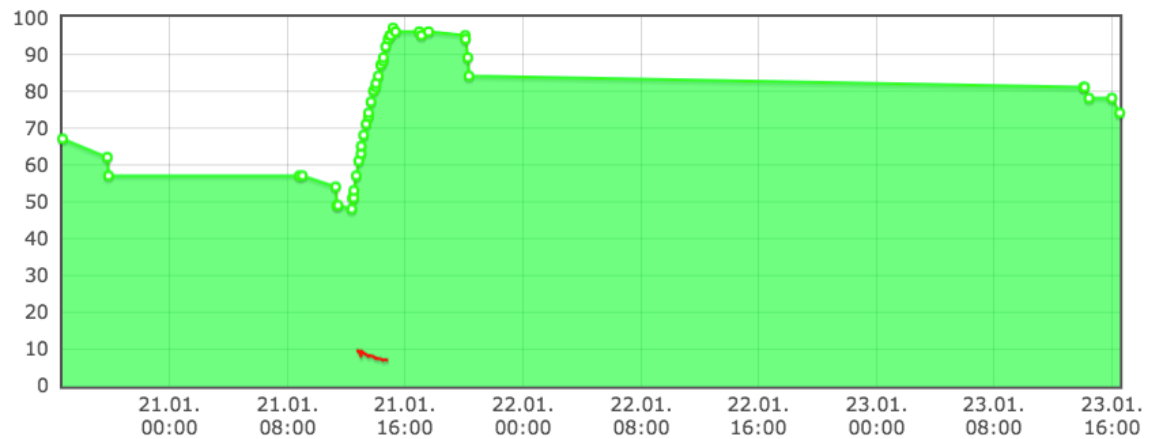
Ladestecker: -

Lädt: -

Force Update

Start Ladung

Start Klima



Ladungen: 08.01.2018 16:39 : 35% - 86%

Messzeit	DB Insert	SOC[%]	Rest[km]	Verbrauch	Ladestecker	Laden
23.01.2018 17:32	23.01.2018 17:32	74 %	169 km	17.5 kWh/100km	nein	nein
23.01.2018 17:00	23.01.2018 17:05	78 %	181 km	17.2 kWh/100km	nein	nein
23.01.2018 15:26	23.01.2018 15:30	78 %	181 km	17.2 kWh/100km	nein	nein