

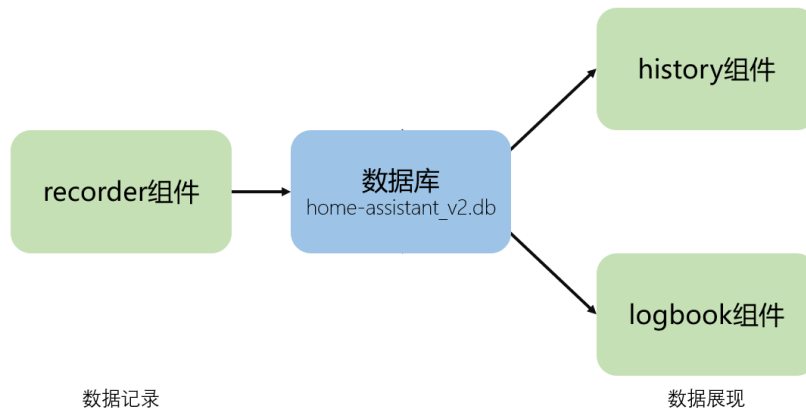
历史数据基础概念

【操作步骤】

1. 数据相关组件
2. 安装 DB Browser for SQLite
3. 查看记录的数据
4. 手工清理数据
5. 清空数据

【参考】

- 数据相关组件



- DB Browser for SQLite 网站
<http://sqlitebrowser.org/>

数据组件的配置、mysql 数据库及其它

【操作步骤】

1. 组件 recorder、history、logbook 配置中的 include/exclude
2. recorder 组件的配置
3. 安装 mysql 数据库
4. 使用 mysql 数据库
5. 其它的一些数据相关组件

【参考】

- 数据组件配置介绍页面

<https://www.home-assistant.io/components/history/>

<https://www.home-assistant.io/components/logbook/>

<https://www.home-assistant.io/components/recorder/>

- include/exclude 配置样式样例

history:

include:

domains:

- sensor
- switch
- media_player

exclude:

entities:

- sensor.last_boot
- sensor.date

- recorder 组件配置样例

recorder:

purge_interval: 1

purge_keep_days: 10

db_url: sqlite:///home/pi/.homeassistant/home-assistant_v2.db

db_url: mysql://pi:hachina1234@127.0.0.1/my_homeassistant?charset=utf8

exclude:

entities:

- sun.sun

- mysql 安装与初始化

- 服务器端安装

```
sudo apt-get install mysql-server
```

- 客户端:

```
sudo apt-get install libmariadbclient-dev libssl-dev
```

```
sudo pip3 install mysqlclient
```

- MYSQL 中创建数据库、用户、授权 SQL 命令:

```
CREATE DATABASE my_homeassistant;
```

```
USE mysql;
```

```
CREATE user 'pi' IDENTIFIED BY 'hachina1234';
```

```
UPDATE user SET plugin='mysql_native_password' WHERE User='pi';
```

```
GRANT ALL PRIVILEGES ON my_homeassistant.* TO 'pi';
```

```
FLUSH PRIVILEGES;
```

- 历史数据相关组件

<https://www.home-assistant.io/components/#history>