

MQTT

We are running an MQTT broker inside our network. This can be used for projects, for example for sensor data.

Host

We run 2 MQTT brokers, one on saturn and on roonadan.lan (192.168.1.189). Both are bridged together, so all messages will be forwarded to each other.

Sandbox

Under the topic `sandbox/#` you can play around and send messages.

Topics used

The following topics are ACL restricted. Your MQTT client needs to have a valid login and the according permission to read/write on the topics. Ask [metalgamer](#) on how to get an account.

| Topic | Description |
|---|--|
| <code>availability/#</code> | This topic is used for every client to publish availability messages (online/offline). This is the topic also for the last will messages. |
| <code>space/status</code> | This topic contains the current space state. It is a JSON encoded message. |
| <code>space/member_count</code> | On this topic the current member count of the club will be published. This message is JSON encoded. |
| <code>sensors/people_now_present</code> | On this topic the current people present will be published (integer) |
| <code>sensors/people_now_present/names</code> | The names of the people present (if available) |
| <code>sensors/temperature/#</code> | On this topic the current temperature sensors reading will be published. The readings are in °C and are a float. The subtopics are the location for the sensors (Example: <code>sensors/temperature/chill/shelf</code> for the sensors on the shelf in the Chill room) |

From:
<https://wiki.c3l.lu/> - Chaos Computer Club Lëtzebuerg

Permanent link:
<https://wiki.c3l.lu/doku.php?id=chaosstuff:infrastructure:network:mqtt&rev=1627214276>

Last update: **2021/07/25 13:57**

