

MQTT

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

Host

The MQTT broker itself is running on saturn, which is bridged with roonadan.lan (192.168.1.189).

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)

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