Lattice Watering: Third Status Report

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Software Project on Internet Communication
Summer Term 2022
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June 27, 2022

Updates

- Changed the default IPv6 prefix to `fc00::/7`, which is the standardized prefix for local networks, see RFC 4193. So the subnets are now called `fc00:0:0:0:0:0:0:0::/64` and `fc00:0:0:0:0:0:0:1::/64`.
- More HW: On the 17th, we bought battery connectors for an empirical test on battery consumption. In the sadly last Conrad store in Kreuzberg. We will use this to empirically test out the battery usage of a board using our firmware.
- Designed a simple route scheme for the CoAP communication.
- Not related directly, but we filed a bug report: `https://github.com/RIOT-OS/RIOT/issues/18228`
- Switched to SQLite since that DBS fits our usecase a bit better and is simpler.

Updates

- We will leave the HDC1000 out of the project to reduce battery consumption.
- Sensory is working.

All in all, everything is moving towards integration and testing, we have also worked on the report and final presentation. In the next two weeks, we will meet up for integration tests.

Routes

```
Frontend Routes
| Route   | Method | Description |
|---------|--------|-------------|
| '/data' | POST   | Data Route  |

Node Routes
| Route          | Method | Description                         |
|----------------|--------|-------------------------------------|
| '/pump_toggle' | POST   | Toggle the pump of the node board.  |
```