

Gruppe Pflanzen 1

Albert · Jannis · Manar · Marian



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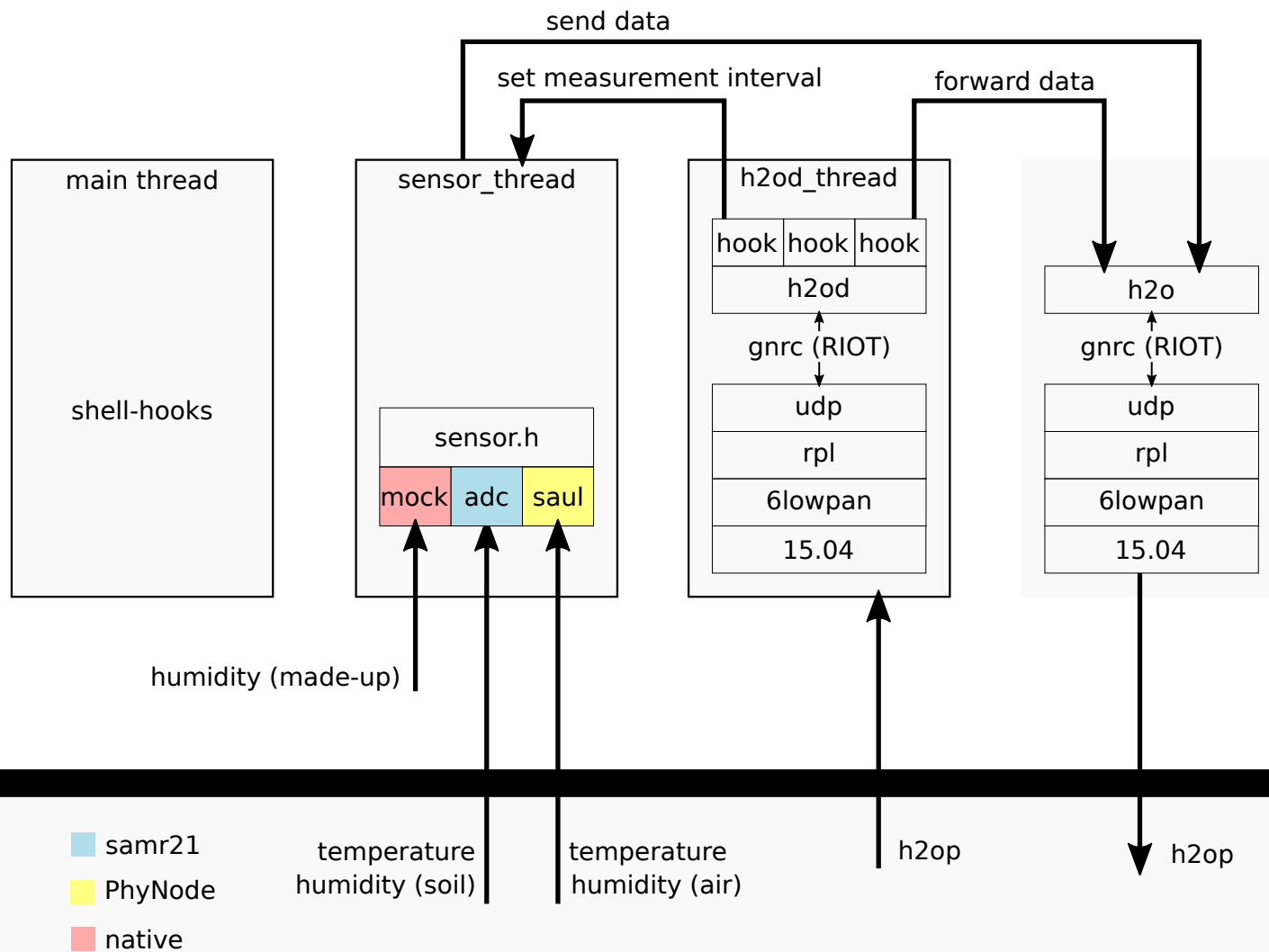
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use case

- humidity monitoring
 - plants in separate pots
 - low power consumption
- automatic watering

implementation

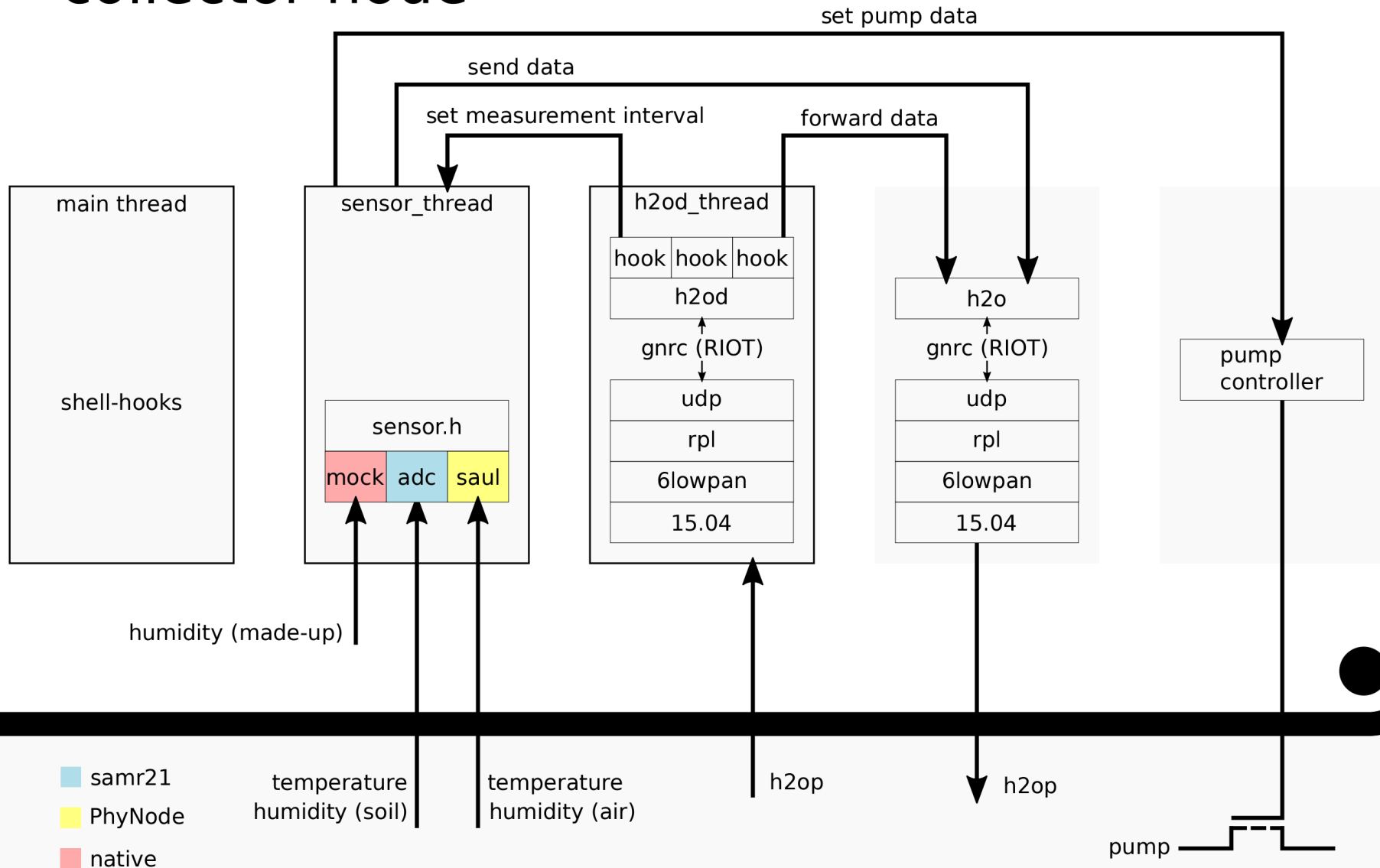
sensor node



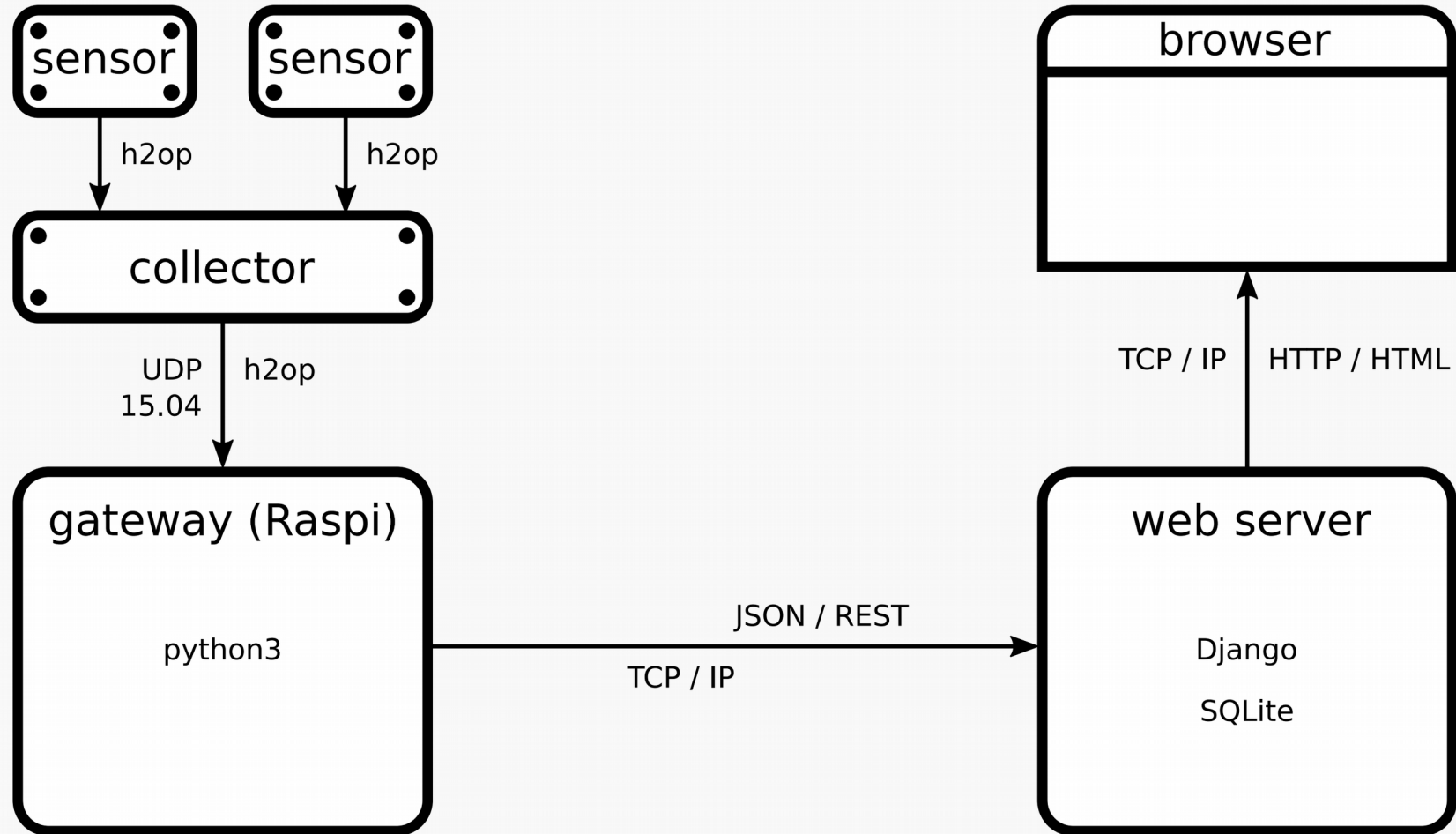
h2o protocol

```
#pragma pack(push, 1)  typedef enum {
typedef struct {        H20P_DATA_TEMPERATURE = 0x11,
    uint8_t magic;      H20P_DATA_HUMIDITY = 0x12,
    uint8_t version;    H20P_CONF_MEASUREMENT_ \
    uint8_t len;         INTERVAL = 0x31,
    uint8_t type;        } H20P_MSGTYPE;
    nodeid_t node;
    uint16_t crc;
} H20P_HEADER;
#pragma pack(pop)
```

collector node



monitoring



demo