Account

- id [Integer]
- pseudonym [Integer, unique, non-null]
- created_on [Timestamp, non-null]
- activated_on [Timestamp]
- activation_token [String, unique]
- session_token [String]

Building

- id [Integer]
- account_id [Integer, non-null]
- longitude [Numeric(15, 10), non-null]
- latitude [Numeric(15, 10), non-null]
- tz_name [String, non-null]
- yr_built [Integer]
- type [String]
- floor_area [Integer]
- heat_loss_area [Integer]
- energy_label [String]
- energy_index [Float]

DeviceType

- id [Integer]
- name [String, unique, non-null]
- display_name [String, non-null]
- installation_manual_url [String, non-null]

Property

- id [Integer]
- name [String, non-null]
- unit [String]

Upload

- id [Integer]
- device_id [Integer, non-null]
- server_time [Timestamp, non-null]
- device_time [Timestamp, non-null]
- size [Integer, non-null]

Measurement

- id [Integer]
- device_id [Integer, non-null]
- property_id [Integer, non-null]
- upload_id [Integer, non-null]
- time [Timestamp, non-null]
- value [String, non-null]

Device

- id [Integer]
- device_type_id [Integer, non-null]
- building_id [Integer]
- proof_of_presence_id [String, unique, non-null]
- session_token [String]
- created_on [Timestamp, non-null]
- activated_on [Timestamp]

Relationships:

- Account 1 — 1 Building
- DeviceType 1..N — 0..N Property
- DeviceType 0..N — 1 Device
- Property 0..N — 1 Device
- Building 0..N — {0,1} Device
- Upload 0..N — 1 Measurement
- Measurement 1 — 0..N Device