aggregate item [portfolio] **[S*]**

- **(aggregate items** [groups of spaces]**)**
  - **individual item** [space] **[S]**
    - **(partial item** [space submeter]**)**
      - **links**
        - [point 1]
        - [point 2]
        - ...
        - [point n]
      - **categorical attributes**
        - [primary use]
        - [space type]
        - [use_type]†
        - [weather station ID]
        - [TMY (Typical Meteorological Year) data source]
        - [floor space unit]
        - [custom descriptor tag(s)]
        - [end-use(s)]
      - **spatial attributes**
        - [address (location)]
        - [city]†
        - [province]†
        - [latitude]†
        - [longitude]†
        - [time zone]†
      - **static quantitative attributes**
        - [# occupants]
          - [# occupants subdivided by descriptor tag]
        - [year constructed (space age)]
        - [floor space]
          - [floor space subdivided by descriptor tag]
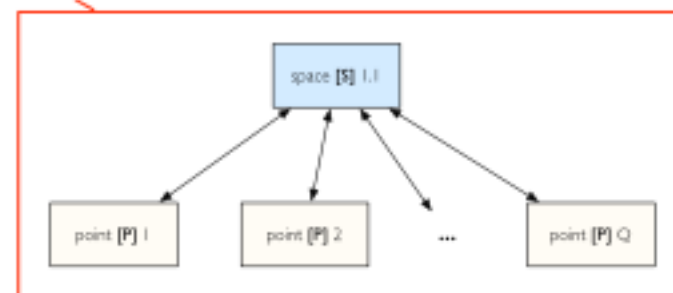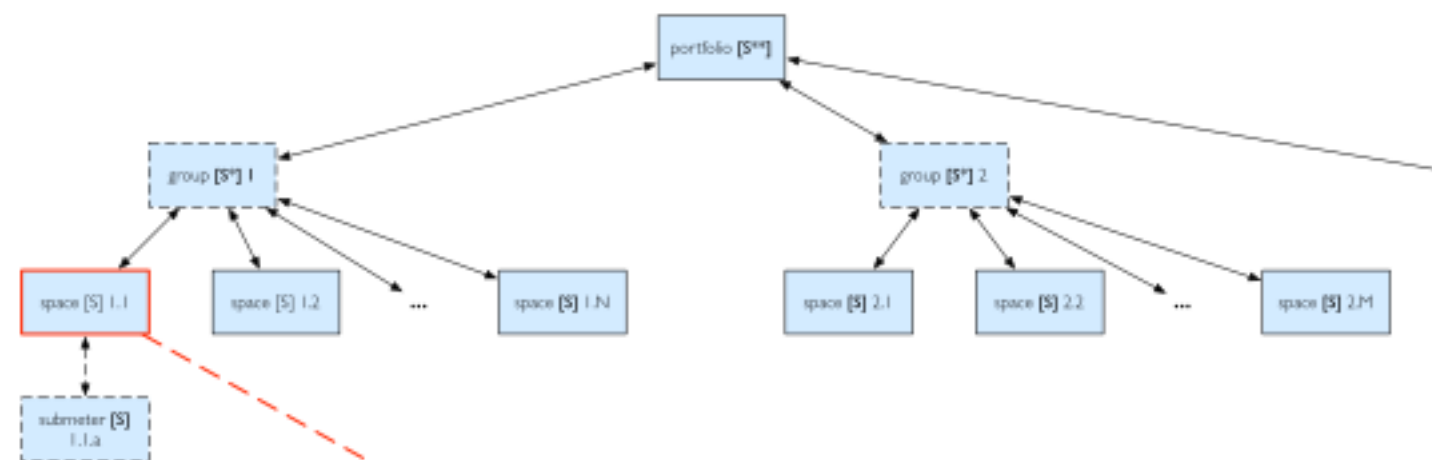   - [# weekly operating hours]†
        - [base temperature]† **(?)**
      - **cyclical temporal categorical attribute**
        - [operating hours (e.g. open–closed, day–evening–night)]
          - [operating hours by descriptor tag]

end-use still not possible at campus level. out of scope for now

how flexible can tags be? tagging occupants, floor space, operating hours;

combinatorial assignment of tags, occupants, floor space, operating hours?

where is this set? aside from linear regression points

Data Abstractions: Spaces

† = not configurable in EM
[possible extensions]

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