

-- Names of customer, who did not reserve any room from year 2015

(Customer[name])

/

((Reservation(day > '20151231')

[customer = customer_number]

Customer)[name])

-- Customer numbers of all customers who were recommended by mr. Ovcacek

(Customer(name = 'Kalousek')

*

Recommendation<from -> customer_number>)[to]

-- Customer number of customers who had reservation for every room in hotel "Eekhoorn"

(Reservation(hotel = 'Eekhoorn')

÷

Room(hotel = 'Eekhoorn')[id]<id -> room_id>)

[customer]

-- Name of every cleaner in our company, who is ONLY employed as a cleaner (careful for overlapping) { *R stands for right outer join }

((Lady_companion

*R

Cleaner)(Orientation = 'null')

*

Employee)[name]

-- Information about every room in hotel "Eekhoorn" including address { x stands for cartesian product }

(Hotel(name = "Eekhoorn")[address]

x

Room(hotel = "Eekhoorn"))

[address, price, room_type]