Slide 110 ... idea for querying

OQL-like:

```
select  x.name as xname, x.population as xpop, y.name as yname, y.population as ypop
from    Country x, x.cities y
where   y.population >= 0.25 * x.population
```

Nov 8-10:10

Datalog-style:

```
<_, result, set, {<_, xname, str, NX>,
                  <_, xpop, number, XP>,
                  <_, yname, str, YN>,
                  <_, ypop, number, YP>}>
:-
  <X, country, _, {N, P, ...}>,
  <X, _, _, {Y}>,
  <N, name, _, NX>,
  <P, population, _, XP>,
  <Y, city, _, {YN, YP}>,
  <YN, name, _, YNX>,
  <YP, population, _, YPP>,
  YPP >= 0.25 * XP
```

head

body

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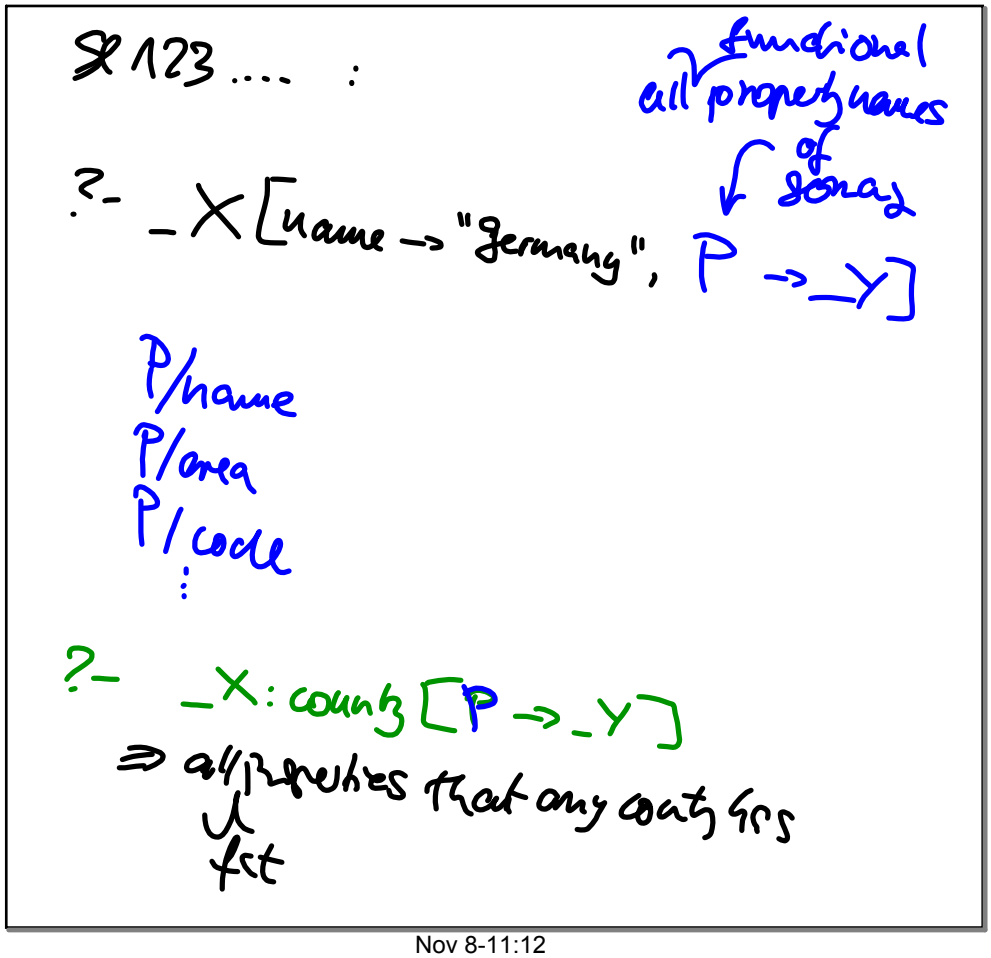
%123 ... :
functional
all property names
of
?- _X[name -> "germany", P -> _Y]
P/name
P/area
P/code
?- _X:country[P -> _Y]
⇒ all properties that any country
has

Nov 8-11:12