

Assertion/Retraction

Functors

- read Bratko, Ch. 7
- Decomposition of structures:
 $p(X, f(X,Y)) =.. [p, X, f(X,Y)]$

Needed: method to introduce new facts and clauses at run-time: `assert/retract`

Consider: `nice :-
sunshine, not raining.
funny :-
sunshine, raining.
british :-
raining, fog.
raining.
fog.`

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Application

Questions:

```
?- nice
no

?- british.
yes

?- retract(fog).
yes

?- british.
no

?- assert(sunshine).
yes

?- funny.
yes

?- retract(raining).
yes

?- nice.
yes
```

Meta-Predicates: Notes

Note: can retract whole data base

Note: to introduce facts or clauses at beginning or end of fact/clause list, use `asserta/assertz`

Check: `bagof, setof, findall`

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