

Example 4 : Car

One more example with Facts, Goals and their English meanings.

Facts	English meanings of Facts, Rules & Goals
owns(jack, car(bmw)).	// jack owns bmw car
owns(john, car(chevy)).	// john owns chevy car
owns(olivia, car(civic)).	// olivia owns civic car
owns(jane, car(chevy)).	// jane owns chevy car
sedan(car(bmw)).	// bmw car is sedan
sedan(car(civic)).	// civic car is sedan
truck(car(chevy)).	// chevy car is truck
Queries / Goals & answers	
?- owns(john, X). X = car(chevy).	// What does john own?
?- owns(john, _). true.	// Does john own something?
?- owns(Who, car(chevy)). Who = john ; Who = jane .	// Who owns car chevy?
?- owns(jane, X), sedan(X). false.	// Does jane own sedan?
?- owns(jane, X), truck(X). X = car(chevy).	// Does jane own truck?