

### ***Previous integration request***

$Q_p$  (disease?, doctor?; p\_information!) :=  
     $A_1$  (disease?; p!),  
     $A_3$  (doctor?; p!),  
     $A_2$  (p?; p\_information!),  
    {  
        availability > 97%,  
        response time < 3s,  
        price per call < 0.2\$,  
        provenance = certified,  
        freshness = no,  
        total response time < 10s,  
        total cost < 5\$  
    }

### ***Incoming integration request***

$Q_n$  (disease?, doctor?, hospital?; p\_information!) :=  
     $A_1$  (disease?; p!),  
     $A_3$  (doctor?; p!),  
     $A_4$  (hospital?; p!)  
     $A_2$  (p?; p\_information!),  
    {  
        availability > 97%,  
        response time < 3s,  
        price per call < 0.2\$,  
          
        freshness = no,  
        total response time < 10s,  
        total cost < 5\$  
    }

*the absense makes less restrict requirements* →