```
Incoming integration request
                Previous integration request
Q<sub>p</sub> (disease?, doctor?; p_information!) :=
                                                                      O<sub>n</sub> (disease?, doctor?; p information!) :=
                                   A_1 (disease?; p!),
                                                                                                          A_1 (disease?; p!).
                                   A_3 (doctor?; p!),
                                                                                                          A_3 (doctor?; p!),
                                   A_2 (p?; p information!),
                                                                                                          A_2 (p?; p information!),
                                                                           more restrict
                                      availability > 97%.
                                                                                                            availability > 98%,
                                                                           more restrict
                                      response time < 3s,-
                                                                                                            response time < 2s,
                                      price per call < 0.2$.
                                                                                                            price per call < 0.2$.
                                      provenance = certified,
                                                                                                            provenance = certified,
                                      freshness = no,
                                                                                                            freshness = no,
                                      total response time < 10s.
                                                                                                            total response time < 10s.
                                      total cost < 5$
                                                                                                            total cost < 5$
```