

Compte-rendu IA04 - TD6

Requêtes SPARQL

1. Rendre la base de connaissance créée durant les TDs 5 et 6.

```
1 @prefix          geo          <http://linkedgeodata.org/triplify/>.
2
3 td5:randomTopic1  rdf:type      foaf:topic.
4 td5:randomTopic2  rdf:type      foaf:topic.
5 td5:randomTopic3  rdf:type      foaf:topic.
6
7 td5:a             rdf:type      foaf:Person;
8                   foaf:firstName "A";
9                   foaf:family_name "AA";
10
11                  foaf:knows      td5:b;
12                  foaf:knows      td5:c;
13                  foaf:knows      td5:d;
14
15                  foaf:topic_interest td5:randomTopic1;
16                  foaf:topic_interest td5:randomTopic2;
17                  foaf:topic_interest td5:randomTopic3;
18
19                  foaf:topic_interest geo:node1363947712.
20
21 td5:b             rdf:type      foaf:Person;
22                   foaf:firstName "B";
23                   foaf:family_name "BB";
24
25                  foaf:knows      td5:a;
26                  foaf:knows      td5:c;
27                  foaf:knows      td5:d;
28
29                  foaf:topic_interest td5:randomTopic1;
30                  foaf:topic_interest td5:randomTopic2;
31                  foaf:topic_interest td5:randomTopic3;
32
33                  foaf:topic_interest geo:node1363947712.
34
35 td5:c             rdf:type      foaf:Person;
36                   foaf:firstName "C";
37                   foaf:family_name "CC";
38
```

```

39         foaf:knows                td5:a;
40         foaf:knows                td5:b;
41         foaf:knows                td5:e;
42
43         foaf:topic_interest       td5:randomTopic1;
44         foaf:topic_interest       td5:randomTopic2;
45         foaf:topic_interest       td5:randomTopic3;
46
47         foaf:topic_interest       geo:node1363947712.
48
49 td5:d         rdf:type              foaf:Person;
50         foaf:firstName             "D";
51         foaf:family_name           "DD";
52
53         foaf:knows                td5:a;
54         foaf:knows                td5:b;
55         foaf:knows                td5:c;
56
57         foaf:topic_interest       td5:randomTopic1;
58         foaf:topic_interest       td5:randomTopic2;
59         foaf:topic_interest       td5:randomTopic3;
60
61         foaf:topic_interest       geo:node1363947712.
62
63 td5:e         rdf:type              foaf:Person;
64         foaf:firstName             "E";
65         foaf:family_name           "EE";
66
67         foaf:knows                td5:b;
68         foaf:knows                td5:c;
69         foaf:knows                td5:d;
70
71         foaf:topic_interest       td5:randomTopic1;
72         foaf:topic_interest       td5:randomTopic2;
73         foaf:topic_interest       td5:randomTopic3;
74
75         foaf:topic_interest       geo:node1363947712.

```

2. Donner l'architecture agent, les behaviours et un exemple de message échangés lors de la réponse envisagée à la question de l'étape 4.

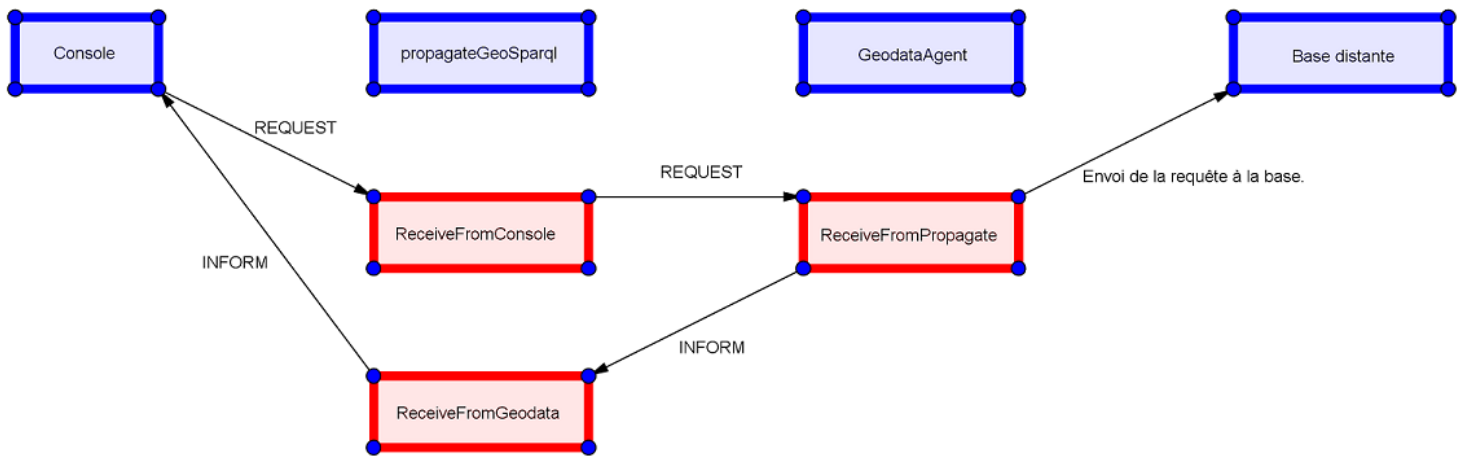


FIGURE 1 – Architecture agent et behaviours.

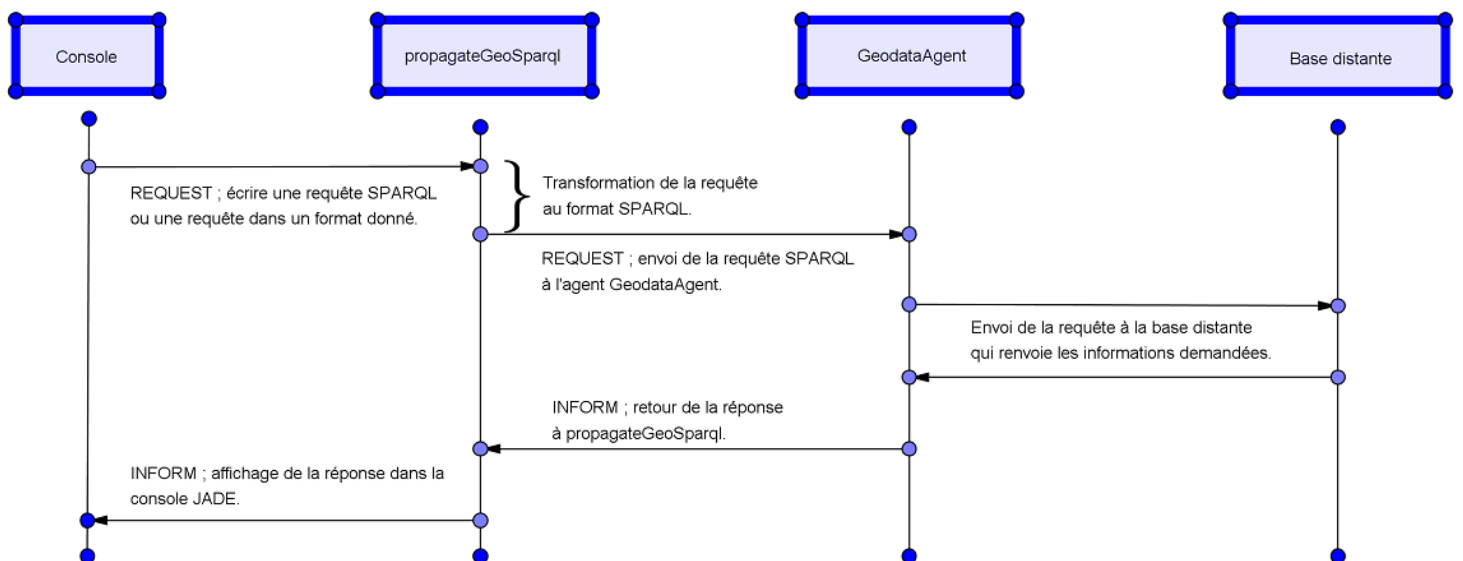


FIGURE 2 – Exemple de messages échangés.