

## Compte-rendu IA04 - TD6

### Requêtes SPARQL

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

```
1 td5:randomTopic1    rdf:type          foaf:topic.
2 td5:randomTopic2    rdf:type          foaf:topic.
3 td5:randomTopic3    rdf:type          foaf:topic.
4
5 td5:a               rdf:type          foaf:Person;
6                   foaf:firstName      "A";
7                   foaf:family_name    "AA";
8
9                   foaf:knows          td5:b;
10                  foaf:knows          td5:c;
11                  foaf:knows          td5:d;
12
13                  foaf:topic_interest td5:randomTopic1;
14                  foaf:topic_interest td5:randomTopic2;
15                  foaf:topic_interest td5:randomTopic3.
16
17 td5:b               rdf:type          foaf:Person;
18                   foaf:firstName      "B";
19                   foaf:family_name    "BB";
20
21                   foaf:knows          td5:a;
22                   foaf:knows          td5:c;
23                   foaf:knows          td5:d;
24
25                   foaf:topic_interest td5:randomTopic1;
26                   foaf:topic_interest td5:randomTopic2;
27                   foaf:topic_interest td5:randomTopic3.
28
29 td5:c               rdf:type          foaf:Person;
30                   foaf:firstName      "C";
31                   foaf:family_name    "CC";
32
33                   foaf:knows          td5:a;
34                   foaf:knows          td5:b;
35                   foaf:knows          td5:e;
36
37                   foaf:topic_interest td5:randomTopic1;
38                   foaf:topic_interest td5:randomTopic2;
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39         foaf:topic_interest      td5:randomTopic3.
40
41 td5:d         rdf:type              foaf:Person;
42               foaf:firstName        "D";
43               foaf:family_name      "DD";
44
45               foaf:knows             td5:a;
46               foaf:knows             td5:b;
47               foaf:knows             td5:c;
48
49               foaf:topic_interest    td5:randomTopic1;
50               foaf:topic_interest    td5:randomTopic2;
51               foaf:topic_interest    td5:randomTopic3.
52
53 td5:e         rdf:type              foaf:Person;
54               foaf:firstName        "E";
55               foaf:family_name      "EE";
56
57               foaf:knows             td5:b;
58               foaf:knows             td5:c;
59               foaf:knows             td5:d;
60
61               foaf:topic_interest    td5:randomTopic1;
62               foaf:topic_interest    td5:randomTopic2;
63               foaf:topic_interest    td5:randomTopic3.

```

**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.**