## Exercise 5

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### Task 1: Take part to a decentralised social network

## Task 1.1: Update your FOAF Profile

The Url to my Card: /kai/card#me

I added my Name and my mail address and you and Jonas as people that I know.

```
@prefix foaf: <http://xmlns.com/foaf/0.1/>.
  @prefix solid: <http://www.w3.org/ns/solid/terms#>.
  <>
4
      a foaf:PersonalProfileDocument;
5
       foaf:maker <https://wiser-solid-xi.interactions.ics.unisg.ch/kai/</pre>
6
          profile/card#me>;
       foaf:primaryTopic <https://wiser-solid-xi.interactions.ics.unisg.ch/kai</pre>
7
          /profile/card#me>.
  <https://wiser-solid-xi.interactions.ics.unisq.ch/kai/profile/card#me>
10
       solid:oidcIssuer <https://wiser-solid-xi.interactions.ics.unisg.ch/>;
11
12
       a foaf:Person;
       foaf:name "Kai Schultz";
13
       foaf:mbox "kai.schultz@student.unisg.ch" ;
14
       foaf:knows <https://wiser-solid-xi.interactions.ics.unisg.ch/danaivach/
15
          profile/card#me> ;
       foaf:knows <https://wiser-solid-xi.interactions.ics.unisg.ch/Jonas/</pre>
16
          profile/card#me> .
```

#### Task 1.2: Query the distributed social graph

Both queries can be copy pasted into the terminal and executed as is if you have the necessary command line tools.

#### 1. Query the people you know based on your FOAF profile

The above sparql query searches through all triples on the specified Iri (my profile card). The specified triple that were looking for is: <MyWebID><foaf:knows><Any Person>. That is what we did in the above query. From this query we select all distinct people we get.

#### 1. Query the names of all people interconnected in the distributed social graph

In the above query we

# Task 2: Build an application for your Solid pod

All the code for the task can be found on Github: /src/env/solid/Pod.java Code should be executed as described in the Exercise description.