

## Semantic Web Services - PS 703655

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# Assignment 1

## Introduction

**Deadline:** 14.03.2016 23:59

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### 1 Create a FOAF (Friend-of-a-Friend) document to describe your profile (10 points)

*Self grading task: Please upload your solution to the U2L<sup>1</sup> portal in a plain text file and grade yourself.*

Describe your profile with RDF (Resource Description Framework).

The profile document must contain your **interests** (i.e. academic interests, tools, technologies, programming languages) and **people you know in the class**. Feel free to use the tools presented<sup>2 3</sup> during the tutorial. You can adapt the example in Listing 1.

Some pointers:

- FOAF Specification<sup>4</sup>
- Linking DBPedia to your FOAF profile<sup>5</sup>

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<sup>1</sup><http://u2l-informatik.uibk.ac.at/>

<sup>2</sup><http://rdf-translator.appspot.com/>

<sup>3</sup><http://www.ldodds.com/foaf/foaf-a-matic>

<sup>4</sup><http://xmlns.com/foaf/spec>

<sup>5</sup><http://dbpedia.org/services-resources/interlinking>

```
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
@prefix xml: <http://www.w3.org/XML/1998/namespace> .
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .

<http://umutkansimsek.com> a foaf:Person ;
foaf:family_name "Simsek" ;
foaf:givenname "Umutcan" ;
foaf:homepage <http://umutcan.eu> ;
foaf:mbox_sha1sum "9ea2b962ce89e6cc393f9d95b9041f570b390c7e" ;
foaf:name "Umutcan Simsek" ;
foaf:schoolHomepage <http://www.uibk.ac.at> ;
foaf:title "Mr" ;
foaf:workplaceHomepage <http://sti2.at>;
foaf:topic_interest <http://dbpedia.org/resource/Semantic_Web>,
    <http://dbpedia.org/resource/Java_(programming_language)> ;
foaf:knows <http://elias.kaerle.com> .
```

Listing 1: Example FOAF document