

Semantic Data Web Technologies  
Enterprise Information Systems (EIS) Group  
Institute for Applied Computer Science at the University of Bonn

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Exercises Module: WS1516  
Assignment Sheet I, due: Wednesday 18.11.2015

Name:	Task 1	Task 2	$\Sigma$

**Task 1: (8 points)**

Conceptualize a data set that models a person with her/his personal information, i.e. contact info, homepage link, etc.

Write it down in:

- RDF/XML
- JSON-LD
- Turtle
- N-Triples (no abbreviations)

**Task 2: (10 points)**

Conceptualize a data set that models some aspect of your daily life. It should have at least 5 resources (types being from two different vocabularies) and 3 literals.

Write it down in:

- Write it down in:
- RDF/XML
- JSON-LD
- Turtle
- N-Triples (no abbreviations)

Measure the number of characters you need without whitespace. Try to compress your data set as much as possible and describe your compression factor (baseline: N-Triples).