



STI · INNSBRUCK

Semantic Web Services PS

Exercise Sheet 1 – 18.03.2014

Please answer the following questions. Provide your elaborated answers in a Word document or a plain text file. If you make use of references when elaborating your answers, please add the proper citations to your document. The deadline for submissions to the tutors (ioan.toma@sti2.at and jose.garcia@sti2.at) is 24th March 2014 at 20:00 CET.

Exercise 1 (10 points)

Describe what Linked Data is. Which principles are promoted in this initiative? When is a dataset considered to be 5-star Linked Data? What is the Linked Open Data cloud? Please add the latest statistics you can find for the LOD cloud.

Exercise 2 (10 points)

Define what Web 1.0 (classical Web), Web 2.0 (social Web), and Web 3.0 (semantic Web) are in your own words. Explain and discuss the main differences between these three so-called versions of the Web.