



STI · INNSBRUCK

Semantic Web Services PS

Exercise Sheet 2 – 25.03.2014

Please answer the following questions. Provide your elaborated answers in a PDF 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 31st March 2014 at 20:00 CET.

Exercise 1 (10 points)

Describe what are the similarities and differences between SOA and REST. On which principles are they based? Can a SOA be materialized using REST services? Find at least one example of a REST service and another “classical” web service based only on SOA principles but not REST ones. Describe how to access to both services.

Exercise 2 (10 points)

What is the “as a Service” trend? Describe as many “as a Service” types as you can find, and give some examples of each type.