

18. March 2010

Semantic Web Services

Exercise sheet 2

Web Science

Exercise 1 (Web evolution) (10 points)

Explain in your own words why the Web is a big success. Focus on the evolution of the Web, starting from Internet, Web1.0 and Web2.0 and explain which were the major innovations in each of the three evolution steps mentioned before (min 0.5 pages, max 1 page).

Exercise 2 (What Web Science could be) (10 points)

Based on the slides material and [1] explain (min 0.5 pages, max 1page):

- The principal limits of self representation and self reflection
- Why complete and correct Web reasoning can not happen. Explain briefly the proposed Web reasoning solution from [1]

References

- [1] Fensel, D., van Harmelen, F. Unifying Reasoning and Search to Web Scale, IEEE Internet Computing, 11(2), 2007