

Extra Assignment

Assignment

This assignment is targeted to students registered for the Web Services course, but who, due to conflicting timetables, are not able to attend the seminars from their colleague students. This assignment must be done individually.

You are to write a paper (formatting instructions below) on the topic of atomic transactions in WS-* and RESTful web services. Sources to consult are:

- WS-Coordination v1.2
<http://docs.oasis-open.org/ws-tx/wscoor/2006/06>.
- WS-AtomicTransaction v1.2
<http://docs.oasis-open.org/ws-tx/wsat/2006/06>
- *Towards Distributed Atomic Transactions over RESTful Services* by G. Pardon and C. Pautasso, available at
http://link.springer.com/chapter/10.1007%2F978-1-4419-8303-9_23
(only downloadable when using the ULB network).

Your paper should:

1. illustrate the working of WS-AtomicTransaction and RESTful transactions through *original* examples (not copy-pasted from the above sources);
2. discuss the advantages and disadvantages of both approaches;
3. contrast the two approaches.

Paper format You must submit a paper of minimum 6 and maximum 10 pages, typeset in a font size of 11pt with normal margins. Creative formatting to make your paper fit the required 6 pages despite a less-than-6-pages content will have a negative impact on your score.

Modalities

- This assignment contributes 4/20 to the overall grade. (And hence replaces the “active participation to the seminars”.)
- The assignment should be done individually.
- You need to create a git repository¹ in the INFO-H-511 repository group at <http://wit-projects.ulb.ac.be/rhocode> to submit your paper. The username and password to login to this system correspond to your ULB/VUB NetID. The repository must be named

extra-assignment-<student>

¹<http://git-scm.com/documentation>

where **student** corresponds to your username. It is recommended that you create this repository *as soon as possible* and use it as a version control system to avoid last minute technical difficulties.

- Your paper must be pushed to your repository **no later than Thursday 23 May 2013**.