

Distributed and Outsourced Software Engineering (DOSE 2010)

Assignment 4: Implementation in Eiffel

(40 points of 100)

Prototype: Tuesday, November 23rd - 8 am (Zurich time)

First Implementation: Tuesday, November 30th - 8 am (Zurich time)

Final Implementation: Tuesday, December 14th - 8 am (Zurich time)

Commit the files at

https://svn.origo.ethz.ch/dose2010/src/group_n/

where n is your group number.

1. Questionnaire

You should have collected the time expended in Assignment 3. Please send this information by e-mail to Martin Nordio (if possible use the excel file you got) before **Friday Nov 19th**.

Important: the time expended is collected by teams and calculated in person-hours. For example, if 3 people participated in a meeting for 2 hours, then the expended time is 6 hours.

For assignment 4, you should also collect this information:

1) How many person hours did you dedicate to Assignment4?

a) How many person hours of Assignment 4 did you use for communication? Split the answer in two categories:

I. Communication with members of the same team (located in the same university)

II. Communication with members of other teams (located in other universities)

b) How many person hours of Assignment 4 did you use for development of the assignment result (preparing the documents, answering questions, writing documents, reading documentation, etc)?

2) From question 1.a):

a. How many hours were used for voice communication?

b. How many hours were used for other way of communication such as e-mail, forums, etc. ?

c. How many hours did you use for face-to-face meetings?

3) How long did you have to wait for a reply from the other team? Indicate best case, worst case and average in hours.

2. Deadlines

The project will be implemented in 3 phases:

1. **Nov. 23rd**: A prototype should be delivered. Students at ETH will have to show the prototype during the exercise session. Students at other universities should show the prototype to their assistants.
2. **Nov. 30th**: The first version of the system should be delivered. This version is not a prototype; it should be a working language component. A demo will be done.
3. **Dec. 14th**: The final system will be presented at ETH during the lecture on Tuesday, December 21st. We will coordinate the presentation with all the universities involved. Members of the Chair of SE at ETH Zurich will attend the presentation, and the best project will be selected. (The votes will also include all the teaching staff in each university).

3. Daily Build

The system should be built on a daily basis. Everybody must commit the code daily. **Only commit code that compiles! Do not forget to commit new classes.**