

Supervisor assessment of Bachelor's Thesis

Student: Alfageme Sainz Samuel
Title: Comparison of Parallel Programming APIs (id 19037)
Supervisor: Orság Filip, Ing., Ph.D., UITS FIT VUT

1. Assignment comments

The assignment is of a medium difficulty and it aims at comparison of various APIs/frameworks for the parallel programming. The most difficult part of this work was to optimize the provided algorithm for each of the enumerated approaches to the parallel programming, even though the algorithm itself is very simple.

2. Literature usage

Student was given conference papers and source codes of the algorithm and a reference focused at general theory of the parallel programming. The source codes were given to him as an example of the code, nevertheless student included those open in the attached CD with no authorization to do so, which is against author rights. Other resources were actively searched and correctly cited.

3. Assignment activity, consultation, communication

Student had been rather active in March and April. At the beginning and end of the semester was his work on thesis influenced by other activities and I had not seen any progress on the work. During his active period, he did not miss any meeting and he was discussing his steps with me regularly. However, the lost time at the beginning of the semester resulted in missing time at the end and close to the submission date the communication almost vanished and I was neither shown the final text nor the implementation.

4. Assignment finalisation

Activity during the finishing of the work was hidden to me compared to the previous weeks. Student did neither provide the final version of his thesis for correction, nor has he presented his software to me, hence I did not have any influence on the last parts of the thesis.

5. Publications, awards

6. Total assessment

failed (F)

The overall evaluation is influenced by my split opinion on the student and his work. On one hand he has been communicating very intensively, coming to meetings, discussing his progress. On the other hand, he spent a lot of time doing other activities even though I warned him almost on every meeting that he would have too little time to finish the thesis, which resulted in well written theoretical chapters and unacceptable description of implementation and experimental results. Besides I am completely missing the implementation - neither I have seen the source code nor the application, which is a major failure, because the points 3, 4 and 5 of the assignment could not be finished without proper implementation. Absence of the source code casts doubts on validity of the presented results. The goal of the work has not been fulfilled.

In Brno 3. June 2016

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