Review report of a final thesis

Czech Technical University in Prague

Student:	Bc. Jakub Žitný
Reviewer:	Ing. Antonín Procházka
Thesis title:	Analysing JavaScript and NPM at scale
Branch of the study:	Knowledge Engineering

Date: 31. 1. 2017

Evaluatio	on criterion:	The evaluation scale: 1 to 5.
1.	Difficulty and other comments on the assignment	1 = extremely challenging assignment, <u>2 = rather difficult assignment,</u> 3 = assignment of average difficulty, 4 = easier, but still sufficient assignment,
		5 = insufficient assignment
Characteri	escription: ize this final thesis in detail and its relationships to previous or current some shortcomings that you would not in case of an easy assignment,	projects. Comment what is difficult about this thesis (in case of a more difficult thesis, you ma , and on the contrary, with an easy assignment those shortcomings should be evaluated mor
Comme		
The ass	signment requires understanding of static code ana	
	on criterion:	The evaluation scale: 1 to 4.
2.	Fulfilment of the assignment	1 = assignment fulfilled, 2 = assignment fulfilled with minor objections, <u>3 = assignment fulfilled with major objections,</u> 4 = assignment not fulfilled
Assess wh the thesis	beyond the original assignment. If the assignment was not completely	te parts of the assignment that have not been fulfilled, completely or partially, or extensions of fulfilled, try to assess the importance, impact, and possibly also the reason of the insufficiencie
Comme		
	e a large dataset of JS codebases: Well done.	codo datacato: Wall dono
	e a program/platform for generating structured JS	ata analysis on static code information seems insufficient. Howeve
	ignment is not specific enough.	ata analysis on static code information seems insufficient. Howeve
	form similarity metrics across different repositories:	Well done
	in similarity methes deross amerent repositories.	
	rm similarity metrics with sninnets of code from St	
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Faculty of Information Technology

6. Bibliography	100 (A)		
Criteria description: Evaluate the student's activity in acquisition and use of studying materials in his thesis. Characterize the choice of the sources. Discuss whether the student used all relevant sources, or whether he tried to solve problems that were already solved. Verify that all elements taken from other sources are properly differentiated from his own results and contributions. Comment if there was a possible violation of the citation ethics and if the bibliographical references are complete and in compliance with citation standards.			
Comments:			
The student has done a broad research on the topic and he's selected useful sources.			
Evaluation criterion:	The evaluation scale: 0 to 100 points (grade A to F).		
7. Evaluation of results,	75 (C)		
publication outputs and awards			
Criteria description: Comment on the achieved level of major results of the thesis and indicate whether the main results of the thesis extend published state-of-the-art results and/or bring completely new findings. Assess the quality and functionality of hardware or software solutions. Alternatively, evaluate whether the software or source code that was not created by the student himself was used in accordance with the license terms and copyright. Comment on possible publication output or awards related to the thesis.			
Comments:			
The programmatic outcome as well as the theoretical results can be reused in further research.			
Evaluation criterion:	No evaluation scale.		
8. Applicability of the results			
Criteria description: Indicate the potential of using the results of the thesis in practice.			
Comments:			
Other algorithms and application for the same purpose exist already. The results of the analysis should be interesting to the			
JavaScript community.			
Evaluation criterion:	No evaluation scale.		
9. Questions for the defence			
Criteria description: Formulate any question(s) that the student should answer to the committee during the defence (use a bullet list).			
Questions:			
• What has been the exact expectation of the data analysis on static code information and how would you evaluate the results?			
• What exactly do you consider as a line of code	(LOC) in your analysis?		
Evaluation criterion:	The evaluation scale: 0 to 100 points (grade A to F).		
10. The overall evaluation	50 (E)		
Criteria description: Summarize the parts of the thesis that had major impact on your evaluation. The overall evaluation does not have to be the arithmetic mean or any other formula with the values from the previous evaluation criteria 1 to 9.			
Comments:			
	nt is not fully satisfied and the results are poor.		

Signature of the reviewer: