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марта
вторник

Коллоквиум факультета компьютерных наук НИУ ВШЭ

Nenad Medvidović

University of Southern California

Stemming Architectural Decay in Software Systems

Engineers frequently neglect to carefully consider the impact of their changes to a software system. As a result, the software system's architecture eventually deviates from the original designers' intent and degrades through unplanned introduction of new and/or invalidation of existing design decisions. Architectural decay increases the cost of making subsequent modifications and decreases a system's dependability, until engineers are no longer able to effectively evolve the system. In this talk I will focus on pinpointing the locations in a software system's architecture that reflect architectural decay, the points in time when that decay tends to occur, and the reasons why that decay occurs. I will present an emerging catalogue of commonly occurring symptoms of decay — architectural "smells". I will conclude by identifying a number of simple steps that engineers can undertake to stem software system decay.

7 марта, 18:10 – 19:30
Кочновский проезд, 3, ауд. 205

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