COMPOSITION OF WEB SERVICES USING
THE PRODUCT OF AUTOMATA

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The composition of web services is an important problem in nowadays technology, as the usage of the Internet applications is increasing and as this defines a new era in the information technology. One of the main objectives of our work is to propose a method of composition of web services, by the means of the product of the finite states automata. In this paper, we will also make a state of art of the principal issues in the existent research in the web services field. We focus on the finite state automata approach of the formalization of the problems concerning the web services, and we propose an algorithm which solves the problem of the composition.

Key words: web service, finite states automaton, product of automata, composition of web services.

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