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## THE ADVANCE OF AUTOMATIC, DYNAMIC WEB SERVICE COMPOSITION

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**ABSTRACT.** Automatic, dynamic web service composition is showing to be an effective way how to deal with the dynamic character of the web service, and business environment, while providing a mechanism capable to supply varying user goals. In this paper, we overview the state-of-the-art of this area, and discuss the possible bottle-necks, or missing parts of the whole topic. The paper does not aim to propose any solution for the existing problems. However, it deals with an idea which could improve the user satisfaction achieved by the results of the composition, and brings a unified view to the whole composition process. In this view we incorporate several methods solving different parts of the composition problem. These are usually discussed only separately.