

Tools supporting Web Engineering

Lajos Kollár

Department of Information Technology,
Institute of Informatics,
University of Debrecen,
H-4010, P.O. Box 12, Debrecen, Hungary
e-mail: kollarl@inf.unideb.hu

Abstract

In the past few years, World Wide Web has been evolved beyond presenting information to become an application development platform, as well. However, the development of Web-based systems is still mostly ad hoc. Web engineering is a relatively new discipline in the world of Computer Science which focuses on the processes, methodologies, system design, lifecycle and management of large Webbased systems, in order to ease the development, reuse and maintenance of such applications.

Web applications change faster, compared to the traditional ones, which results in more frequent re-design. Web, as being a hypermedia system, provides the Web applications a much powerful navigational mechanism. Therefore, such a framework is needed which allows the developer to respond to the changing requirements with the fewest work possible.

In my talk, after giving an overview of the current research trends and introducing some of the interesting tools, I will present my ongoing research efforts on developing such a tool for creating Web applications which addresses the aforementioned issues.