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Abstract

Automatic Generation of Web Conference Systems

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Over the past ten years, the rapid development of Internet technology has made many activities changes. Before a conference is held, the conference organizer needs to build a web site for the conference. Through the web site, people can access detail information about the conference. In addition, different functions should be provided in the web-site, such as online registration, paper submission, and paper reviewing.

As we know, there are many similarities between these conference web sites. In my thesis, I try to build up an Automatic Generation of Web Conference Systems to allow conference organizers to set up their own conference web-site easily. The conference organizer just needs to prepare the content of a conference and then upload these files to the system, and then a full-function conference web-site will be set up. The system emphasizes on conference web-site construction and the administration of reviewers, authors, participants, papers and conference itself.

Building a web-based system requires totally different technologies, techniques, and approaches. The system presented in my thesis is designed and modeled by using UML and is implemented with some advanced web-development tools, i.e. ASP, Java, and so on.

Keywords : Automated Software Generation, UML, Web Conference Systems.