

Design and implementation of a Wizard-based web generation system

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ABSTRACT

At Da-yeh University, official websites of most departments are developed and maintained by themselves. These websites usually have similar functions with different user interaction styles, which costs a lot of human labor and leads to the lack of user-interface consistence. For some departments, it is not easy to find a person being in charge of building and maintaining the website regularly. This thesis aims at providing a wizard-based website building and maintenance system, which allows those who are non-experts at building websites to build and manage websites fast and easily in a dialog-based approach. The system features customized navigation bars with intuitive editing, changeable theme settings, online content editing, and templates for faculty and staff profiles. Websites generated by our system also include common functions, including news publishing, inside-web search and accessible interface. For departments of our university, building websites with our system can save a lot of human resources, and increase the consistency and integrity of user interface.

Keywords : website building、web wizard、web content management、website search、accessible interface

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