

## Research on Integration of Web Services and Workflow Modeling Technique

Shen Yuan , Chen Wen-bo , Yao Zhi-qiang  
College of Computer Science, Beijing University of Technology  
Beijing, 100022, China  
Email: chen\_wenbo@263.net      Tel.: 010-67391745

### ABSTRACT

Workflow process modeling is an important step in Workflow Management. This paper researches and implements a Web Workflow modeling system, which uses WSFL and design patterns to describe and realize the Workflow process model. In this system, new coming technology of Web Services was used to import existing process template during the process of modeling, in order to improve the quality and efficiency. So a new approach to model and realize the business process in the field of dynamic e-business is brought forward.

**Keywords:** Web Services; Workflow; WSFL; Modeling; Design Patterns.