

## A Holistic Workflow Modeling Method for Business Process Redesign

**Authors :** Heejung Lee

**Abstract :** In a highly competitive environment, it becomes more important to shorten the whole business process while delivering or even enhancing the business value to the customers and suppliers. Although the workflow management systems receive much attention for its capacity to practically support the business process enactment, the effective workflow modeling method remain still challenging and the high degree of process complexity makes it more difficult to gain the short lead time. This paper presents a workflow structuring method in a holistic way that can reduce the process complexity using activity-needs and formal concept analysis, which eventually enhances the key performance such as quality, delivery, and cost in business process.

**Keywords :** workflow management, re-engineering, formal concept analysis, business process

**Conference Title :** ICBPM 2014 : International Conference on Business Process Management

**Conference Location :** Kyoto, Japan

**Conference Dates :** November 13-14, 2014