Abstract

Engineering process framework is a mechanism for abstracting the organizational processes and various elements such as infrastructure, business function, software processes and so on. It composed of process definitions, governance, dependencies and architecture related to process which synchronizes various elements. Process Framework is an important entity in the field of product based IT Industry. Each project is being carried out under the steps formulated by each process. So, it is necessary for an organization to have a process framework. Currently, most of the organizations are in the process of automating their own framework as it saves and generates lot of revenues to an organization. On the other side, they are also involved in tailoring the process framework manually which leads to miscommunication with the organization and customer. In this paper, we will explore the tools and technologies for automating the process framework and the issues to be considered for developing a Business management tool. Also, we illustrate the importance of tailoring perspective with the process framework tool for better communication between the organization and the customer which enables the cycle time reduction for thousands of projects executed within the organization.
A Survey on Business Management Tool in IT Sector for Digitizing Engineering Process Framework

- Yasha Wang, Dongni Li, Xiaoyang He, 2005 “A process management tool supporting component-based process development and hierarchical management mechanism.” The Fifth International Conference on Computer and Information Technology: 906-910.

**Index Terms**

Computer Science  
Software Engineering

**Keywords**

Governance  Dependencies  Tailoring  Business management  Business function