Abstract

Software as a Service (SaaS) is an application delivery model that enables users to utilize a software solution over the Internet. Every SaaS have business process. A business process consists of a set of activities that are performed in coordination in an organizational and technical environment. Business process must be modeled to get see the detail of it. The valuation of business process model can see from varian aspect, one of that aspect is coupling value. Coupling measures the number of interconnections between the activities in a process model. Interconnection is relation between places object and transtition object in a business process model, which is in this situation is on Petri Nets. The use and application of process patterns in business process model, also affect to coupling value. Process patterns were first defined as "the patterns of activity within an organization (and hence within its project)".

Keyword: SaaS, business process, coupling, process patterns.