Abstract

Business competition increase competitively, the number of competitors even more. Along this the development of IT evolution to support the business underwent rapidly. One of the things that make a company can win the competition is having the IT system that was developed and efficient.

Referring to this, a software architecture model that can process quickly is needed. In this final task is using Event-driven architecture, a software architecture model for designing and building an application or system that refers to an event and processed quickly.

Data analysis was done by comparing between the processing time of various processes in accordance with business process logistic management systems that use event-driven architecture and the existing system. Scenarios designed to depict the architecture characteristics and system performance.

Keywords: software architecture, *event-driven archotecture, event-driven, event, event processing*.