

Abstract

The development of web technology developed rapidly. It takes a web application that ensures interaction between the client and server so that more attractive. For that reason attending Ajax programming techniques. Ajax is a combination of the use of HTML, DOM, JavaScript, XMLHttpRequest object, and XML, so that the client-server interaction can occur asynchronously.

With so many components, Ajax was complicated applied. For that present a framework that facilitates development of Ajax-based web applications. Two of them are PRADO and Ruby on Rails (RoR). PRADO have event-driven architecture and component-based, while having architecture Model-View-Controller. PRADO support Ajax with Active-Control, while the RoR with the Prototype JavaScript library. Both are equally framework offers convenience for its users to implement Ajax. For this reason, this thesis aims to compare these two frameworks. The parameters used in relation to the development process, availability of support for the implementation of Ajax, and the value of Object-Oriented (OO) Metrics.

Keywords: Ajax, framework, event-driven, MVC, PRADO, Ruby on Rails