Abstract

Nowadays there are several requirements to be fulfilled in developing web application. Some of them are capability to deliver data information in timely fashion like desktop application and accommodate dynamic concept of Web 2.0. This requirements is needed in web application especially in web based instant messenger. One of the implementation of Web 2.0 application is using Comet which could make web application more responsive. This is because Comet's ability to communicate between client and server asyncronously, which server could send data to client without explicitly send request to server. If we look in a glance it similar with Ajax, because it is actually Ajax new technique was called reverse-Ajax, with their brand of low-latency data transfer to the browser, event-driven, and server-push data streaming. Fundamentally Comet using long-lived HTTP connection to reduce the latency with which messages are passed to the server. In essence, they do not poll the server occasionally. Instead the server has an open line of communication with which it can push data to client; therefore web page can be updated in vast. In this last assignment analyzed Comet's performances if used in web application from response time and scalability.

Keyword : Comet, low-latency data transfer, event-driven, server-push data streaming.