

ABSTARCT

Nowadays, the development of web technology is growing rapidly. Many new technology has been introduced in order to increase the utility of web to enable the user get information easier. The earlier technology such as frame and iframe are less optimal. So the scientist develop a new methodology like XMLHttpRequest that made by Microsoft. In the beginning, this technology look not too interesting for the web application developer. As time growth, some browser such as Firefox and Chrome has begun to support this technology. It is make a lot of developer start using this technology effectively.

The purpose of this experiment is to implement the ajax technology in “The Institute” web based game to suppress internet traffic for work more efficient. And based on the result of the traffic measurement, implementation of ajax technology in “The Institute” web based game can reduce network traffic significantly. Besides, implementation of ajax in “The Institute” game is running well, and don’t affect the game reviewed from *user experience* sector.

Keywords : Ajax, Web based game, Internet traffic