Abstract

Mozilla Firefox is one of the best web browsers at this time. Mozilla Firefox also has many attractive features for its users. One of them is add-ons, which are additional application to add function required by the user in using the web browser. There are three types of add-ons on Mozilla Firefox: Extension, Themes, and Plugins. Up to now, Mozilla Firefox is the most about add-ons browser.

In addition to the advantages already mentioned there are also flaws in Mozilla Firefox. One of the phenomenon in which the add-ons that are owned by the user and the condition is enable, can make the memory usage on Mozilla Firefox has become larger so user feels that the browser works slower and often crash.

In this final project creates an extension for Mozilla Firefox which can enable and disable which only required by content-type of web page.

Based on the analysis and testing show that the determination of the memory usage is not only on the basis of firefox.exe alone but there are several other applications which may also influence the memory usage are plugin-container.exe, java.exe, jp2launcher.exe, and FlashPluginPlayer.exe. This occurs by the need of a plugin in the works. Java plugin requires the performance of the application java.exe and jp2launcher.exe, while FlashPluginPlayer.exe active due to the influence of the performance of the Shockwave Flash plugin. And amount of the memory usage in conditions after the implementation of the extension SuperPlugin (with-SuperPlugin) becomes smaller compared with conditions before using SuperPlugin (non-SuperPlugin).

Keywords*: Web Browser, Mozilla Firefox, Add-On, Extension, Plugin, Memory usage, Content-type.*