Abstract

This final project develop an application for monitoring server, whether there are some trouble or not, and will help administrator to maintain the server.

Commonly, network administrator does not have an application to monitor the server so it will be difficult to detect the troubles and failures that may occur in the network. This case could complicate the administrator to maintain the server. Hopefully the existence of this application for "**server monitoring by based mail service**" could help network administrator to maintain the server.

This final project is implemented with client-server architecture by using Linux operating system, and PHP as the integration of web based. Beside that, this application use a notification by using email as media for maintain server's state.

Key Words : *server, maintenance server, Linux, PHP, client-server*