ABSTRACT

COMPARISON OF TWO METHODS FILE NAME SCANNING AND STRING SCANNING ON COMPUTER WORM DETECTION

By
MARIO FLORENTINO MAKANG
10105202

The many types of malware (malicious software) that are on the computer and the impact of malware is very harmful for the computer user. One type of malware is a worm.

Like other malware or Trojan viruses and the like, the worm has a destructive force that can be very good for injure personal users and users in a large capacity (up to the internet network).

To overcome this there are two methods that can be done to detect the presence of a computer worm. The scan method File Name Scanning and String Scanning. Where the first method oriented to the name of a file-oriented and the second row in the hex string to the detection (scan) on a worm file.

The purpose of this final task is to implement both methods, and also to test with some test parameters, to determine which method is more optimal detection of doing the worm file.

Tools used to build this application is MS. VB 6.0. Helper tools used is HxDen (decimal hex editor).

Results to be achieved from this aplication is only to be able to detect the worm files which will be tested is to know thye time and accuracy in detecting the worm file.

This application has been successfully tested two methods above. In addition to detecting the presence of the worm files, can also be advantages and disadvantages of the test parameters. So that could be useful to the user in performing the detection and also can find out where the best method or the same between the two methods.

Keywords : *File Name Scanning*, *String Scanning*.