CHAPTER 4

SIMULATION TOOLS

In this section we will describe the software tools on which we have been done our work and analyze the different results. NS-2 simulator, the Evalvid framework for quality evaluation and the integration of Evalvid framework with NS-2 simulator. But before start on NS-2 we have to discuss about that Operating System on which we are going to work at i.e. UNIX-Operating System.

4.1 Brief about UNIX [84]

UNIX is An OS is software that manages the resources of a computer and aims to manage its resources in a safe and efficient way these resources are CPU, RAM, disk memory, printers, displays, keyboard, mouse, etc. The OS also isolates users and application programmers from the underlying computer

It is a multi-user, multi-tasking Operating System. Its attributes: stability, portability, security. UNIX is created at Bell Labs by Dennis Ritchie and Ken Thompson (won the ACM Turing Award in 1983).