

UNIT -1

INTRODUCTION

WHAT IS UNIX?

The Unix Operating System is a large program (mostly coded in c) that turns the computer into a useable machine. Expansion of UNIX is Uniplexed Information and Computing System.

It provides a number of facilities:

- Management of hardware resources
- Directory and file system
- Loading / execution / suspension of programs

Unix provides a range of tools that can be combined and manipulated to perform such a wide variety of jobs that users of the system can very often carry out sophisticated tasks without writing programming language.

- Text preparation and printing
- Document storage and manipulation
- Programming
- E-mail

Why use UNIX?

- Multi-tasking / Multi-user
- Lots of software
- Networking capability
- Graphical (with command line)
- Easy to program
- Portable (pcs, mainframes, super-computer)
- Free! (LINUX, FreeBSD, GNU)
- Popular
- profitable