

/ "ROOT"

/BIN

"ESSENTIAL BINARIES"

CAT
CHGRP
CHMOD
CHOWN
CP
DATA
DD
DF
DMESG
ECHO
FALSE
HOSTNAME
KILL
LN
LOGIN
LS
MKDIR
MKNOD
MORE
MOUNT
MV
PS
PWD
RM
RMDIR
SED
SH
STTY
SU
SYNCH
TRUE
UMOUNT
UNAME

/etc

"HOST SPECIFIC
SYSTEM CONFIG"

CRASH.LOG
EXPORTS
FSTAB
FTPUSERS
GATEWAYS
GETTYDEFS
GROUP
HOST.CONF
HOSTS
HOSTS.ALLOW
HOSTS.DENY
HOSTS.EQUIV
HOSTS.LPD
INETD.CONF
INITTAB
ISSUE
LS.SD.CONF
MOTD
MTAB
MTOOLS
NETWORKS
PASSWD
PRINTCAP
PROFILE
PROTOCOLS
RESOLV.CONF
RPC
SECURETTY
SERVICES
SHELLS
SYSLOG.CONF

/BOOT

"STATIC FILES OF
BOOT LOADER"

KERNEL
SYSTEM.MAP
VMLINUZ
INITRD
GRUB
MODULE.INFO
BOOT

/OPT

"CONFIG FILE
FOR ADD ON
APPLICATION
SOFTWARE"

/USR

"SHAREABLE AND
READ-ONLY DATA"

/LOCAL

"LOCAL
SOFTWARE"

/BIN
/GAMES
/INCLUDE
/LIB
/MAN
/SBIN
/SHARE
/SRC

/SHARE

"STATIC DATA
SHAREABLE
AMONG ALL
ARCHITECTURES"

/MAN

"MANUAL PAGES"
/MAN1 "user programs"
/MAN2 "system calls"
/MAN3 "lib functions"
/MAN4 "special file"
/MAN5 "file formats"
/MAN6 "games"
/MAN7 "misc."
/MAN8 "system admin."

/BIN

"MOST USER COMMANDS"

/INCLUDE

"STANDARD INCLUDE
FILES FOR 'C' PROG."

/LIB

"OBJ, BIN, LIB
FILES FOR PROG.
AND PACKAGES"

/SBIN

"NON ESSENTIAL
BINARIES"

/VAR

"VARIABLE DATA FILES"

/CACHE

"APPLICATION
CACHE DATA"

/LIB

"VARIABLE STATE
INFORMATION
REMAINS AFTER
REBOOT"

/YP

"DATA FOR
NIS SERVICES"

/LOCK

"LOCK FILES FOR
SHARED RESOURCES"

/OPT

"VARIABLE DATA OF
PACKAGES INSTALLED"

/RUN

"INFO OF SYSTEM
SINCE IT WAS BOOTED"

/TMP

"AVAILABLE FOR PROG."

/SPOOL

"DATA AWAITING
PROCESSING"

/LPD

/QUEUE

/NEWS

/RWHO

/UUCP

/LOG

"LOG FILES
AND DIR"

LASTLOG
MESSAGES
WTMP

/SBIN

"SYSTEM BINARIES"

FASTBOOT
FASTHALT
FDISK
FSCK
GETTY
HALT
IFCONFIG
INIT
MKFS
MKSWAP
REBOOT
ROUTE
SWAPON
SWAPOFF
UPDATE

/TMP

"TEMPERARY FILES
DELETED ON BOOTUP"

/DEV

"LOCATION OF SPECIAL
OR DEVICE FILES
[CONTAINS MAKEDEV]"

/HOME

"USER HOME
DIRECTORIES"

/LIB

"LIBRARY AND
KERNEL MODULES"

/MNT

"MOUNT FILES
FOR TEMPORARY
FILESYSTEMS"

/OPT

"ADD-ON APPLICATION
SOFTWARE"

/ROOT

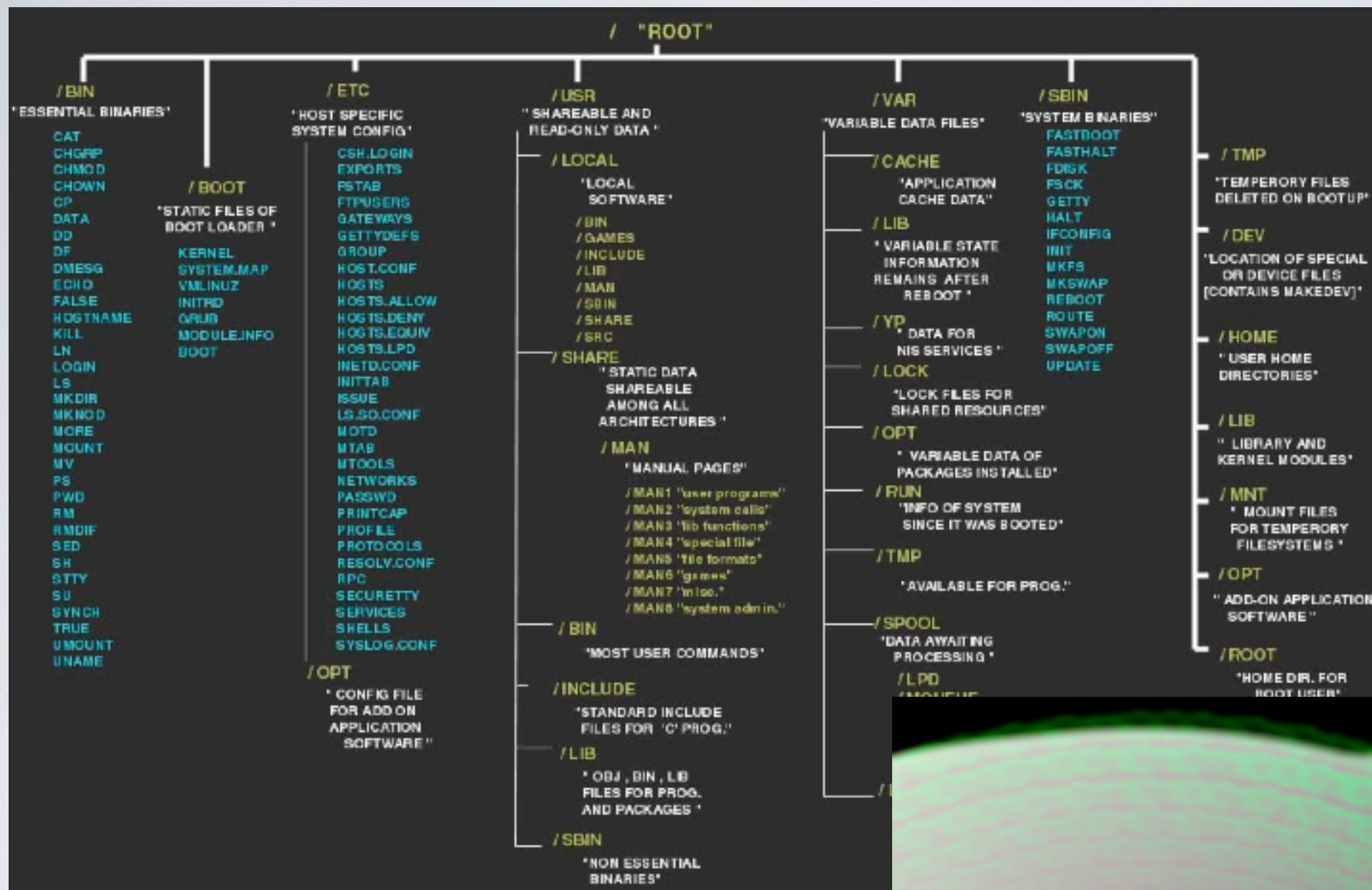
"HOME DIR. FOR
ROOT USER"

Filies and Directories

versus

Reality





Files and Directories

versus

Reality



So, what is an **operating system**?