

In order to manage all those files in an orderly fashion, man likes to think of them in an ordered tree-like structure on the hard disk, as we know from MS-DOS (Disk Operating System) for instance. The large branches contain more branches, and the branches at the end contain the tree's leaves or normal files. For now we will use this image of the tree, but we will find out later why this is not a fully accurate image.

DIRECTORY DESCRIPTION

/	Primary hierarchy root and root directory of the entire file system hierarchy.
/bin	Essential command binaries that need to be available in single user mode; for all users, e.g., c
/boot	Boot loader files, e.g., kernels, initrd.
/dev	Essential devices, e.g., /dev/null.
/etc	Host-specific system-wide configuration files. There has been controversy over the meaning of early versions of the UNIX Implementation Document from Bell labs, /etc is referred to as the etc as this directory historically held everything that did not belong elsewhere (however, the FHS r static configuration files and may not contain binaries). Since the publication of early document name has been re-designated in various ways. Recent interpretations include backronyms such "Configuration" or "Extended Tool Chest". (Similar to those in Control panel in Windows.)
/opt	Configuration files for add-on packages that are stored in /opt/.
/sgml	Configuration files, such as catalogs, for software that processes SGML.
/x11	Configuration files for the X Window System, version 11.
/xml	Configuration files, such as catalogs, for software that processes XML.
/home	Users' home directories, containing saved files, personal settings, etc.
/lib	Libraries essential for the binaries in /bin/ and /sbin/.
/lib<qual>	Alternate format essential libraries. Such directories are optional, but if they exist, they have sc
/media	Mount points for removable media such as CD-ROMs (appeared in FHS-2.3).
/mnt	Temporarily mounted filesystems.
/opt	Optional application software packages.
/proc	Virtual filesystem providing process and kernel information as files. In Linux, corresponds to a
/root	Home directory for the root user.
/sbin	Essential system binaries, e.g., init, ip, mount.
/srv	Site-specific data which are served by the system.
/tmp	Temporary files (see also /var/tmp). Often not preserved between system reboots.
/usr	Secondary hierarchy for read-only user data; contains the majority of (multi-)user utilities and

