

Portition: Con be RAID protected

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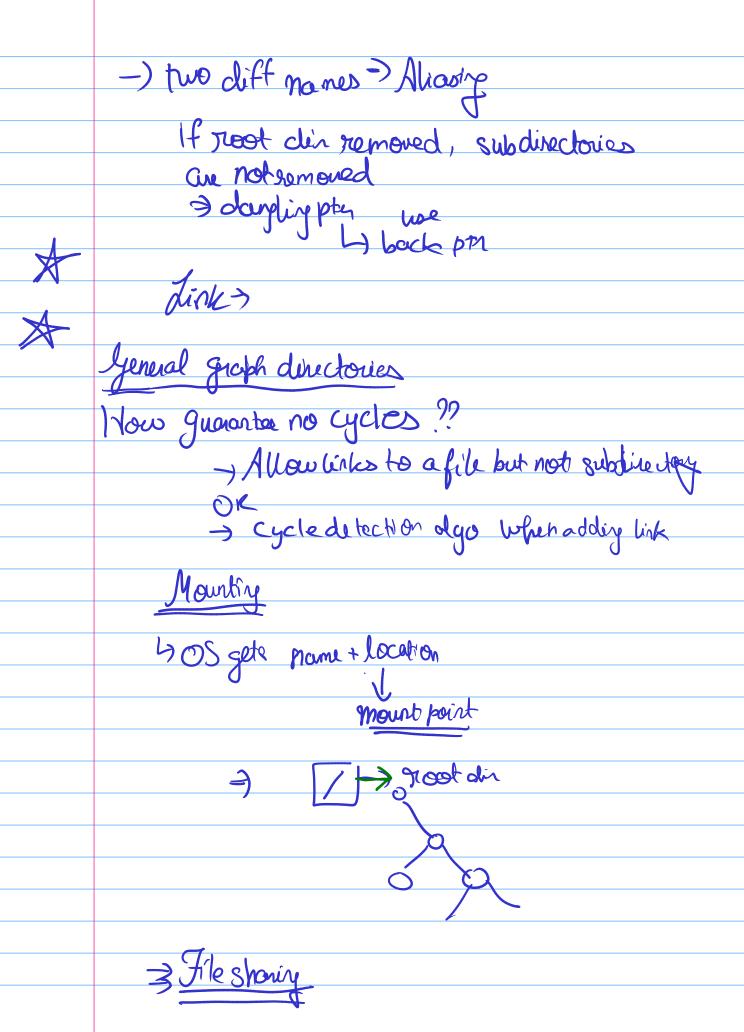
Disk Structure



Disks or partitions can be RAID protected against failure

- Disk or partition can be used raw without a file system, or formatted with a file system
- Partitions also known as minidisks, slices
- Entity containing file system known as(a volume
- Each volume containing file system also tracks that file system's info in device directory or volume table of contents
- As well as general-purpose file systems there are many specialpurpose file systems, frequently all within the same operating system or computer

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File Sharing – Remote File Systems

Uses networking to allow file system access between systems Manually via programs like FTP Automatically, seamlessly using distributed file systems Semi automatically via the world wide web Client-server model allows clients to mount remote file systems fro servers Servér can serve multiple clients Client and user-on-client identification is insecure or complicated NFS is standard UNIX client-server file sharing protocol CIFS is standard Windows 2000 protocol Standard operating system file calls are translated into remote calls Distributed Information Systems (distributed naming services) such as LDAP, DNS, NIS, Active Directory implement unified access to information needed for remote computing Filme Stateles/ preserve Stabe Cowistony semantics Andrew Filesystem has beasion generation Unix filexystem (UFS) Wites to an open file immediately Wigible

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