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Notes

stderr, stdout } different component, because of semi-predicament.

(can't differentiate between the output and error).

When shell is first started; /bin/login //(information come from)

File creation mass - Inheritance formation (children, grandchildren ~ rewrite)

Ownership?

Shell Variables (*NOTE, some are inherited). *NOT ALL

- Local ~ private/belong to the shell, NOT INHERITED

- Environmental ~ pass from parent to child, INHERITED (not pass back to parent, only pass forward)

*Things are inherited (parent to child), Environment

Pipe - take std output of another process and make it as std input of another process

Redirect - std output of a process to a stream or a file (Redirected to...)

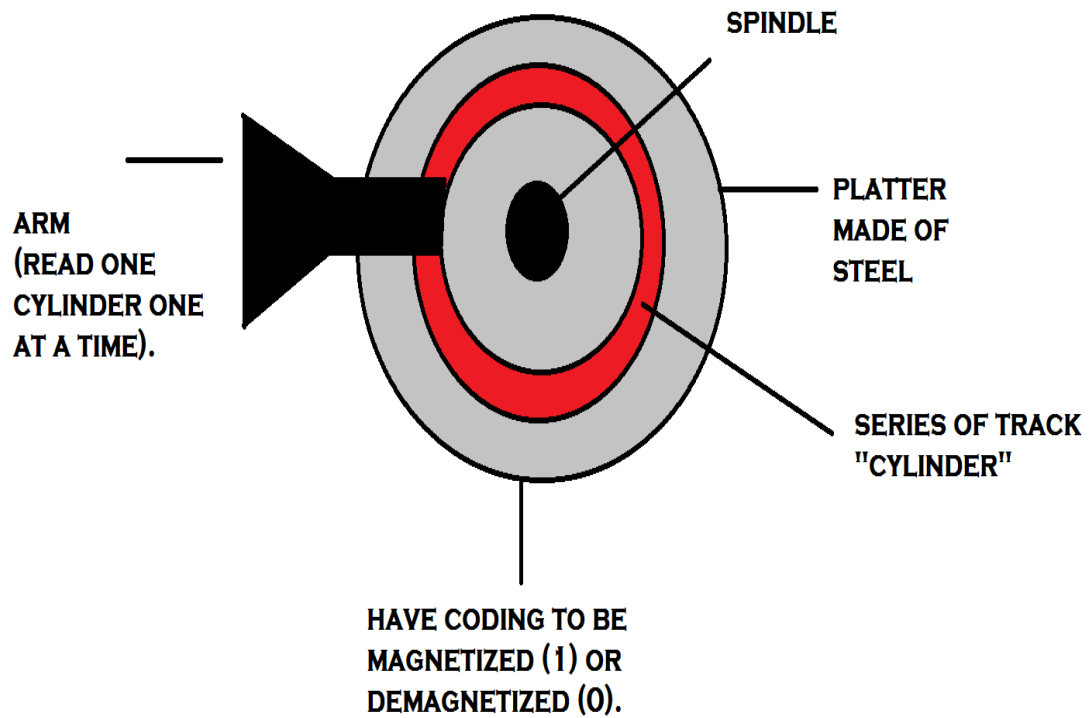
Signal - User signal to the terminal

- Child terminal should know about the signal from the parent (it's inherited).

File System

Everything's a file... (revolutionary idea) of a UNIX system. Another abstraction.

~ Virtual file system is an abstraction on top of a real file which is another abstraction to....



SSD - Solid State Drive (can access file/cylinder simultaneously), "don't have to go back and forth all the time".

File system ~ sophisticated reference

cd / - root directory “/” top of the hierarchy”

cd bin ~ bunch of binary

cd proc ~ process file

cd dev ~ contain device file

cd sys ~ system

cd etc ~ configure file (passwords, etc...)

cd sbin ~ system executable

cd home ~ all different user files

cd temp ~ temporary files

cd lib ~ library file

cd usr ~ No user file, “back in the day, there’s no enough space”, “tradition”.

cd var ~ contain variables

vmlinuz ~ the kernel itself