

While system managing broad

(2) memory services.

(3) Networking service

(4) Timer Services.

(5) Scheduling Services

(6) I/O Services

6 Multi Processing

Services.

7

Vim & GCC



✓

To Quit
vim.

8

assembly

file generated
by Compiler

⑨

will
generate Binary
files -

⑩

Linker .

Dynamic

Static Dynamic

Generate

static

C + Cutable

file

GCC
use
Dynamic

.i = ASSEMBLE

i

.s = Assemblers
file

* C = Take .S
file &

Generate .o

file -

(12)

Stack.

Heap

base

DS

Data

code / Text

Block Started
By Symbol

malloc
calloc & all

free &

to call variable

(13)

Types of

Kernel

[

monolithic

kernel

Micro Lthic
Kernel.

Execution Speed
of micro lithic
is more.

(4)

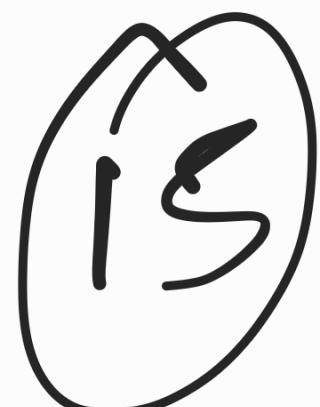
file System

gt manages
Data for your

Machine .

Cat / Proc / file

System



Linus Root

file system

is a service

of Linux OS

that manages

memory

the memory

when

efficiently

more E is
gr. order to
one -
8 + one
file gr. pro per.
8 + routines
manner.

Planning general -

Boo'm up fine
all the file -
system are
mounted under
the root
file system

Root file .

system
laid of hierarchy

ETC : file
Configuration

0

