

2018
May
21
MONDAY

Debugging

21st week • 141-224

21st week • 142-223

20114 P. 100110

2018
May
22
TUESDAY

① Core dump →
जब program crash होती or abnormally
terminate होती तब उस specific
time का memory state काया होती था या
complete record को core dump

⊖ Contents of core dump →

① process status \rightarrow

- signal info like signal number, error no
- set of pending signal
- blocked signal
- pid, ppid etc
- set of registers

② process information

- state of the process
- zombie state and it.
- ④ - Nice value
- process flags

③ Thread specific info

- Process status for all threads

④ Info of memory mapped files -

- Numbers of files mapped
- Name of the ~~map~~ files mapped
- Start address
- end address

Q5) process Address Space \rightarrow

→ Data segment, Stack segment, heap segment

QPP → सर्वोपयोगी Problems साठी core dump generate
नाही देत नाही specific signal साठीच
देता

\$ men 7 signal

② SIGQUIT → Quit from keyboard

• SIGILL → Illegal instruction

① SIGABRT → abort signal

② SIGFPE → floating point exception

② SIGSEGV → Invalid memory reference + segmented fault

* How to generate core dump file

↳ Limit - (unlimited)

7 gcc abc.c -o abc -g

7. $\angle abc$

↳ Core dump generation

to analyse it

γ gdlb $-a \dots / abc$

> run

→ core core → line ~~no~~ print etc. Integer storage v. etc.

Sbt ← back trace ← call sequence data.

APR

APRIL

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| S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | |

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |

MAY

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