TOP Command

Top command is used to display system summary information,as well as a list of processes or threads currently being managed by the kernel.the types of system summary information shown and the types,order and size of information displayed for task are all user-configurable.

Syntax

$top [option]

Field

Sr.No	Field	Descriptions
01	PID	process id
02	USER	the effective user name of the task's owner
03	PR	the priority of the task
04	NI	the nice value of the task.a negative nice value means higher priority,whereas a positive nice value means lower priority.zero in this field simply means priority will not be adjusted in determining a task's dispatchability
05	%CPU	the task's share of the elapsed CPU time since the last screen update,expressed as a percentage of total CPU time.
06	%MEM	a task's currently used share of available physical memory
07	TIME+	total CPU time the task has used since it started
08	S	the status of the task which can be one of : 'D' = uninterruptible sleep, 'R' = running 'S' = sleeping, 'T' = traced or stopped, 'Z' = zombie
09	RES	the non-swapped physical memory a task has used
10	SHR	the amount of shared memory used by a task
11	Command	display the command line used to start a task or the name of the associated program