# **Top Commands Linux**

**Command to list all UNIX user now:**

1. Standard or general top command.

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| top |

1. Display Specific User Process. Example user used here is root.

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| top -u root |

1. Let say we know the process id of service “a” with pid:80. To check process detail of service “a”, use below command.

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| top -p 80 |

**Explanation:**

* **PID:** Shows task’s unique process id.
* **PR:** The process’s priority. The lower the number, the higher the priority.
* **VIRT:** Total virtual memory used by the task.
* **USER:** User name of owner of task.
* **%CPU:** Represents the CPU usage.
* **TIME+:** CPU Time, the same as ‘TIME’, but reflecting more granularity through hundredths of a second.
* **SHR:** Represents the Shared Memory size (kb) used by a task.
* **NI:** Represents a Nice Value of task. A Negative nice value implies higher priority, and positive Nice value means lower priority.
* **%MEM:** Shows the Memory usage of task.
* **RES:** How much physical RAM the process is using, measured in kilobytes.
* **COMMAND:** The name of the command that started the process.

