

Process Status (ps)

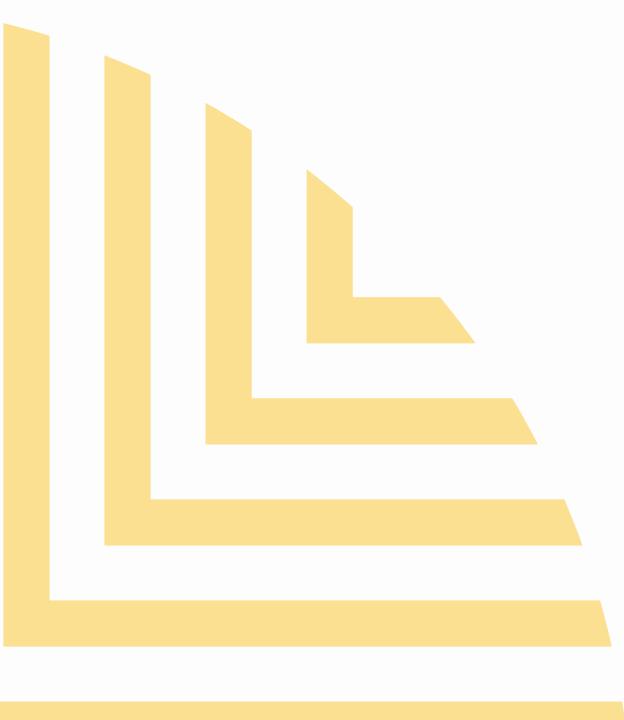
Command – Made

Simple



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See what's running.
Find stuck processes.
Debug like a pro.

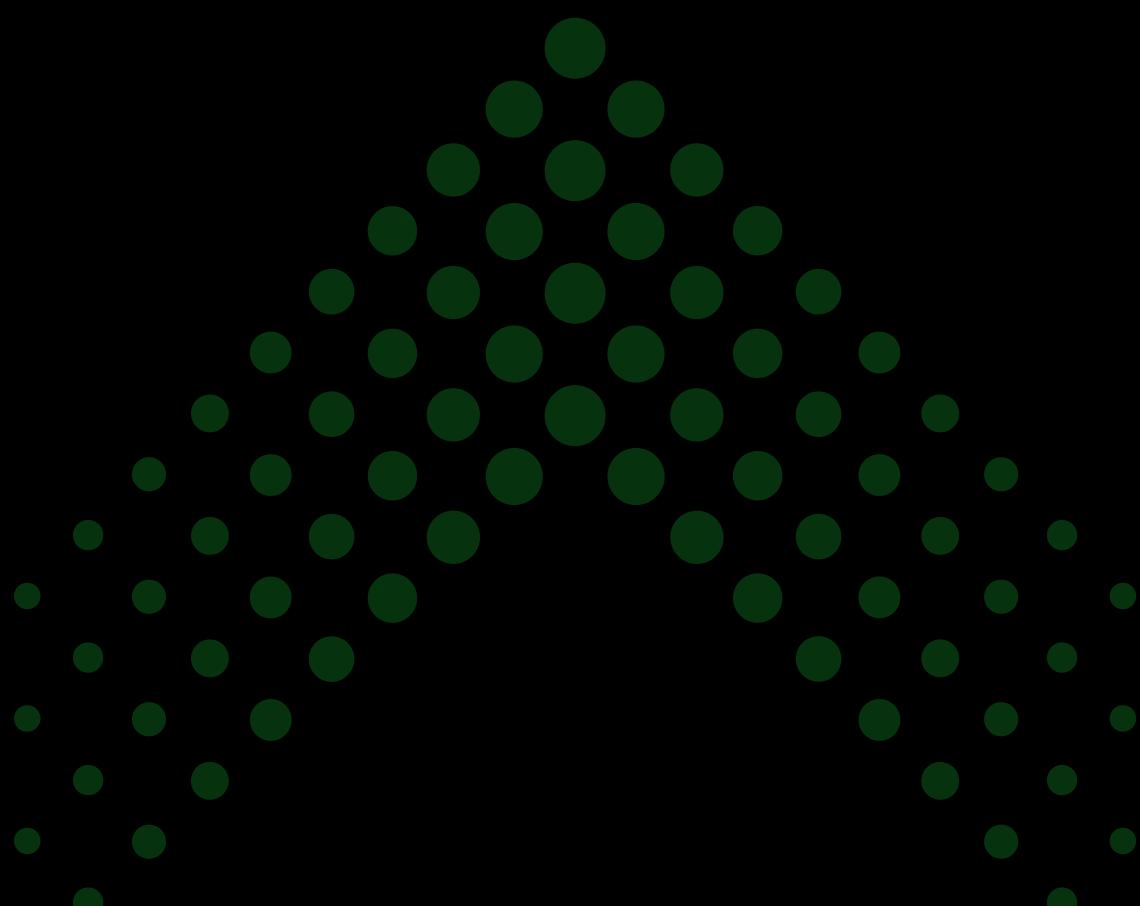




ps = Process Status

UID	PID	PPID	C	S	TIME	TTY	TIME	CMD
root	1	0	0	Nov18	?		00:00:12	/sbin/init splash
root	2	0	0	Nov18	?		00:00:00	[kthreadd]
root	3	2	0	Nov18	?		00:00:00	[pool_workqueue_release]
root	4	2	0	Nov18	?		00:00:00	[kworker/R-rcu_gp]
root	5	2	0	Nov18	?		00:00:00	[kworker/R-sync_wq]
root	6	2	0	Nov18	?		00:00:00	[kworker/R-kvfree_rcu_reclaim]
root	7	2	0	Nov18	?		00:00:00	[kworker/R-slub_flushwq]
	8	0	0	Nov18	?		00:00:00	[kworker/R-rcu_gp]
	9	0	0	Nov18	?		00:00:00	[kworker/R-sync_wq]
	10	0	0	Nov18	?		00:00:00	[kworker/R-kvfree_rcu_reclaim]
	11	0	0	Nov18	?		00:00:00	[kworker/R-slub_flushwq]

- It shows all the processes currently running on your Linux system.
- Super useful for monitoring, debugging, and troubleshooting.





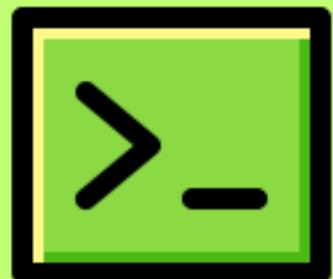
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Shows processes running in the current shell only.



```
ps
```



Show All Processes



```
ps -e
```

<>





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Show All Processes (Method 2)



```
ps -A
```

Detailed View (Full Format)



```
ps -ef
```

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The Most Popular Format



```
ps aux
```

Search for a Specific Process



```
ps -ef | grep {service_name}
```

<>





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Show Processes of a Specific User



```
ps -u <username>
```

Show Processes of a Group



```
ps -g <groupname>
```

<>





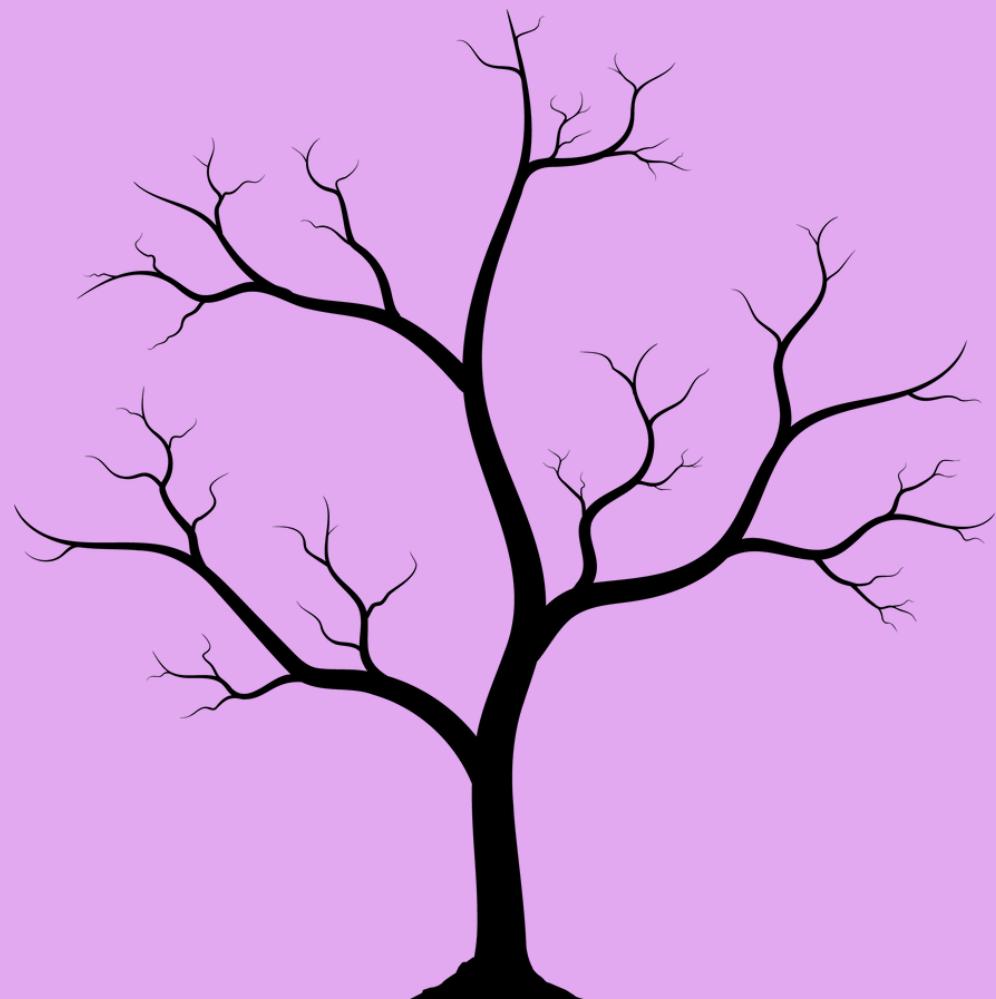
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Hierarchy View (Tree Format)



```
ps -ejH
```



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