

Kernel Module

The task of the system call would be to read the entries of the process `task_struct` corresponding to any given process (supplied as input via command line argument) and print the values of the following field: pid, user id, process group id (pgid) and command path.

we are printing process, PID, and state of the task list of type `task_struct` and in the end, it prints the number of processes.

In this question we used these inbuilt functions :

`Printk;`

`Kerninfo;`

Also we used the structure `task_struct;`