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Title: Uninterruptible power supply to the plc

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Yes, you must call `set_current_state()` before calling `schedule()`, because otherwise the scheduler will not remove the task from the run queue (if you just want to ...)

For Linux "defunct" and "zombie" processes are the same. From man ps: Processes marked <defunct> are dead processes (so-called "zombies") that remain because ...

When looking at the process with "ps ax"; the stat column is "D"; which means "uninterruptible sleep (usually IO)". Is it possible to find out more details on what the process is ...

I understand these are uninterruptible sleep states often related to waiting for data from hardware such as a hard disk. This is a production server so rebooting is a very last ...

An uninterruptible process is a process which happens to be in a system call (kernel function) that cannot be interrupted by a signal. To understand what that means, you ...

Generally speaking, uninterruptible sleep states are considered undesirable. Under normal circumstances, they cannot be triggered by user applications except by accident (e.g, ...

I have a VirtualBox process hanging around which I tried to kill (KILL/ABORT) but without success. The parent pid is 1 (init). top shows the process as D which is documented as ...

As you could read from that answer, setting the current process state to `TASK_UNINTERRUPTIBLE` is needed for make `schedule()` call, performed by that thread, to ...

A process performing I/O will be put in D state (uninterruptable sleep), which frees the CPU until there is a hardware interrupt which tells the CPU to return to executing the ...

On one particular system we see WIS-Streamer get stuck in an TASK_UNINTERRUPTIBLE state; From the command line: the ps status for the process is ...

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