

# Uninterruptible power supply solar container in North Africa

## APPLICATION SCENARIOS



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### How to stop 'uninterruptible' process on Linux?

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 "uninterruptible sl"

### how to find out what it is waiting for

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



### How can I put process into "uninterruptible sleep"?

I'm noticed that process that dumping a core is in uninterruptible sleep, so it can't be killed with SIGKILL, but when I'm trying to emulate this behavior using pipe commands that receives coredump I can

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## Do we need to call `set_current_state (TASK`

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 potentially allow other tasks

## [TASK\\_UNINTERRUPTIBLE and process threads in linux kernel](#)

I have a running process which has created multiple user mode threads. If the kernel changes the state of the process to `TASK_UNINTERRUPTIBLE` (or `TASK_INTERRUPTIBLE`) do the



## [Many open files leading to uninterruptible sleep "D state"](#)

An uninterruptible D state is entered when a disk driver is seeking for some data in the disk and the disk has to be waited for for the process to continue. Normally a process sticking on a D

## North africa solar container scale

This comparison highlights why industries are shifting from diesel-based systems to solar containers, especially in areas where fuel supply is costly or logistically difficult.



## [Why there is a state called 'TASK\\_UNINTERRUPTIBLE' in Linux](#)

Another question is, if we enable `PREEMPT` then the linux kernel become a preemptive kernel so

at any place when we are handling a syscall in the kernel mode, it may be preempted so

### Does read/write blocked system call put the process in TASK

The Uninterruptible state is mostly used by device drivers waiting for disk or network I/O. When the process is sleeping uninterruptibly, signals accumulated during the sleep are noticed when



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### What are use cases of making Java method UnInterruptible

What are other use cases that we might want to use the same pattern of uninterruptible code?  
Edit: I just realised I linked it to incorrect method.  
public static boolean



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