

Forum:[Hack Forums](#)

Thread: [Sleep / Wait](#)

Mohinder - January 30, 2017, 4:21 am

Hi guys,

I've been reading a lot on how to let the program sleep for X seconds/minutes.

For example;

I want to create a loop that checks a specific condition for every X minutes.

What is the best way to do this?

Stealth™ - January 30, 2017, 4:57 am

You could use a `ScheduledExecutorService` to accomplish this.

g4143 - January 30, 2017, 5:50 am

(Jan 30, 2017 05:21 AM)Mohinder Wrote: [\[CITE\]](#) Hi guys,

I've been reading a lot on how to let the program sleep for X seconds/minutes.

For example;

I want to create a loop that checks a specific condition for every X minutes.

What is the best way to do this?

It really depends on the specific condition you are waiting for. If its IO then there are plenty of solutions which allow a program to wait/timeout without consuming resources.

Psifour - January 30, 2017, 10:50 am

(Jan 30, 2017 06:50 AM)g4143 Wrote: [\[CITE\]](#) It really depends on the specific condition you are waiting for. If its IO then there are plenty of solutions which allow a program to wait/timeout without consuming resources.

This.

We are unable to adequately answer your question without more information. If you can provide a bit more detail I am sure that we can get you an optimal solution.

Mohinder - January 31, 2017, 1:52 am

I should have tell you guys some more, excuse me.

I do have a while loop in my main thread thats waiting for a command. The loop crawls a page and look for any new command. I don't want the loop to check every second, because that will cause the page to be disappointed with the crawler.

Code while (1 < 2)

```
{
    if (!cmds.contains(data)) {
        cmds.add(data);
    }
```

```

try {
    TimeUnit.SECONDS.sleep(waitingTime);

} catch (InterruptedException ex) {

}
}

```

I'm now doing it this way, but I don't know how to do this properly.

Stealth™ - January 31, 2017, 7:06 am

(Jan 31, 2017 02:52 AM)Mohinder Wrote: [\[CITE\]](#) I should have tell you guys some more, excuse me. I do have a while loop in my main thread thats waiting for a command. The loop crawls a page and look for any new command. I don't want the loop to check every second, because that will cause the page to be disappointed with the crawler.

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I'm now doing it this way, but I don't know how to do this properly.

Like I said, use a ScheduledExecutorService.

Mohinder - January 31, 2017, 7:26 am

(Jan 31, 2017 08:06 AM)Stealth™ Wrote: [\[CITE\]](#) Like I said, use a ScheduledExecutorService. I will try that out, I will post the results here.

EDIT:

I've tryed it out and it works perfect man. A lot of thanks!

```

Code Runnable controleren = new Runnable() {
    public void run() {
        if (!cmds.contains(data)) {
            cmds.add(data);
        }
    }
};

```

```

ScheduledExecutorService loop = Executors.newSingleThreadScheduledExecutor();
loop.scheduleAtFixedRate(controleren, 0, 5, TimeUnit.SECONDS);

```