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Putting The Pieces Together

How to use Laravel Task Scheduler on Windows 10

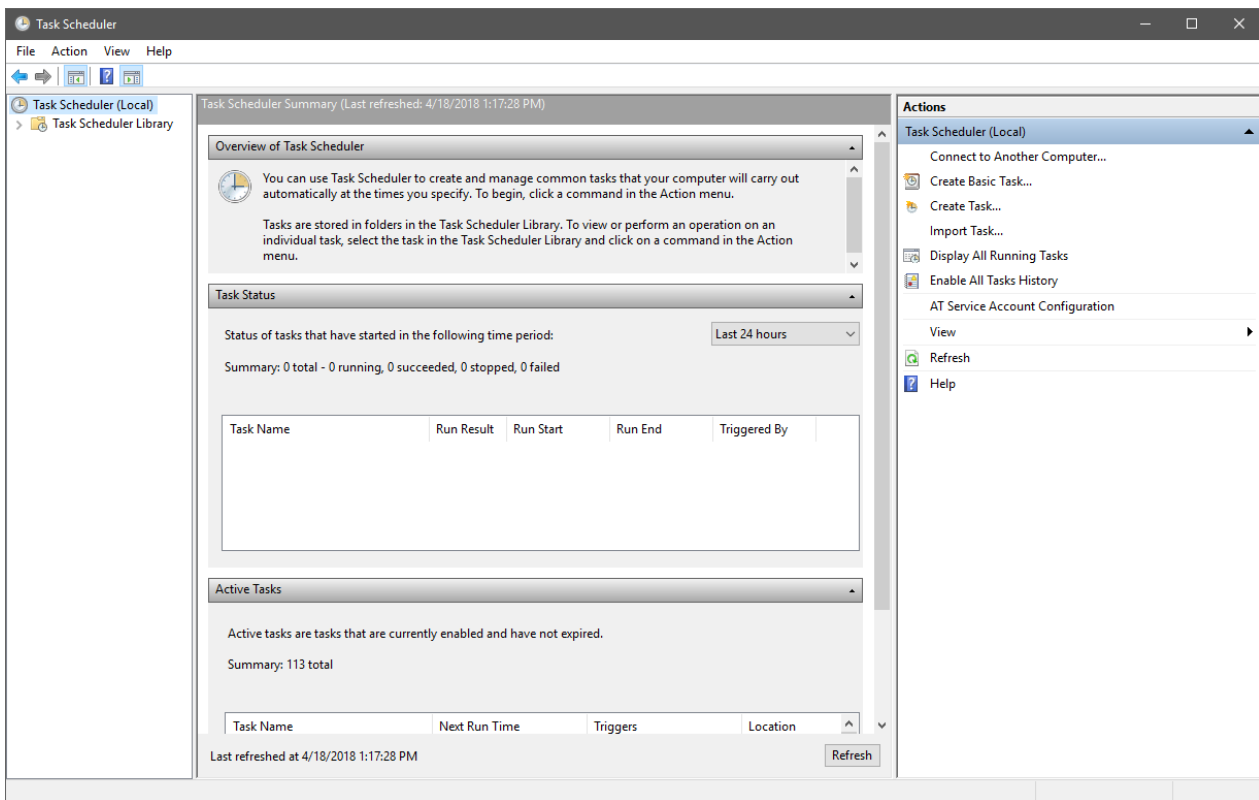


Creating and running Laravel's scheduled tasks is pretty straightforward on Linux. All you have to do is to create a cronjob which looks something like

```
* * * * * php /path-to-your-project/artisan schedule:run >> /dev/null 2>&1
```

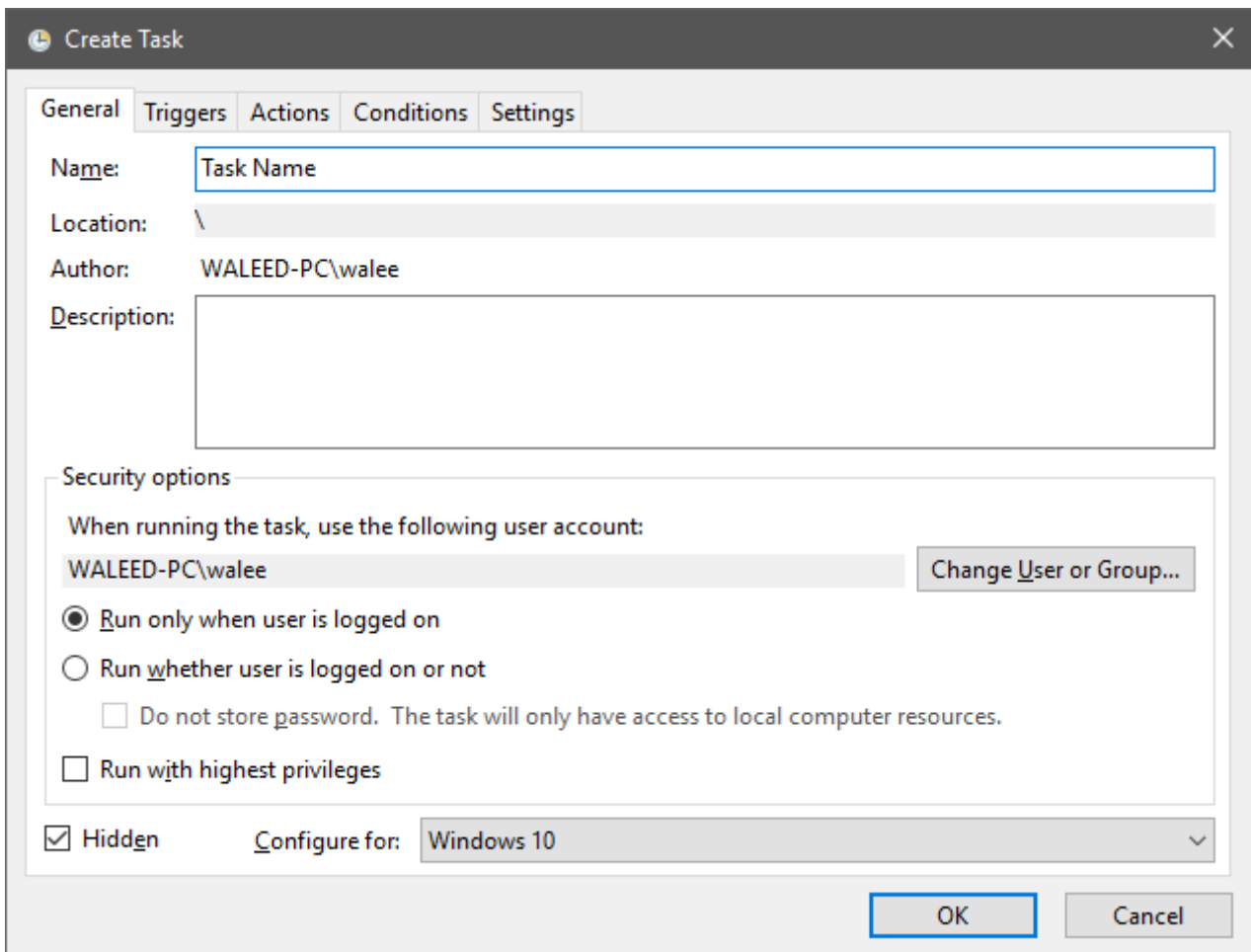
and it will call your Laravel command scheduler every minute to execute due tasks. However, Windows doesn't have cron jobs. The closest equivalent to cron on Windows platform is Windows task scheduler. I hear a lot of people complaining that it only lets you repeat the task every 5 min. So I'm writing this step by step tutorial on how to create tasks in Windows Scheduler that can repeat every single minute.

Step 1: Run Task Scheduler



Type Task Scheduler in Windows 10 Search and run it.

Step 2: Create a new task



The screenshot shows the 'Create Task' dialog box in Windows Task Scheduler. The 'General' tab is selected. The 'Name' field contains 'Task Name'. The 'Location' field is empty. The 'Author' field contains 'WALEED-PC\walee'. The 'Description' field is empty. Under 'Security options', the text 'When running the task, use the following user account:' is followed by a text box containing 'WALEED-PC\walee' and a 'Change User or Group...' button. There are three radio buttons: 'Run only when user is logged on' (selected), 'Run whether user is logged on or not', and 'Do not store password. The task will only have access to local computer resources.' There are also two checkboxes: 'Run with highest privileges' (unchecked) and 'Hidden' (checked). The 'Configure for:' dropdown menu is set to 'Windows 10'. At the bottom right are 'OK' and 'Cancel' buttons.

Create a new task by right-clicking on Task Scheduler (Local). Give it a name. Select Run only when the user is logged on and check Hidden to make sure you command line won't popup every single minute when scheduler runs your task. Select Windows 10 or your preferred platform from Configure for drop-down options and click ok.

Step 3: Create a new Trigger for your Task

New Trigger

Begin the task: On a schedule

Settings

☐ One time

☒ Daily

☐ Weekly

☐ Monthly

Start: 4/18/2018 1:38:42 PM ☐ Synchronize across time zones

Recur every: 365 days

Advanced settings

☐ Delay task for up to (random delay): 1 hour

☒ Repeat task every: 1 minutes for a duration of: Indefinitely

☐ Stop all running tasks at end of repetition duration

☐ Stop task if it runs longer than: 3 days

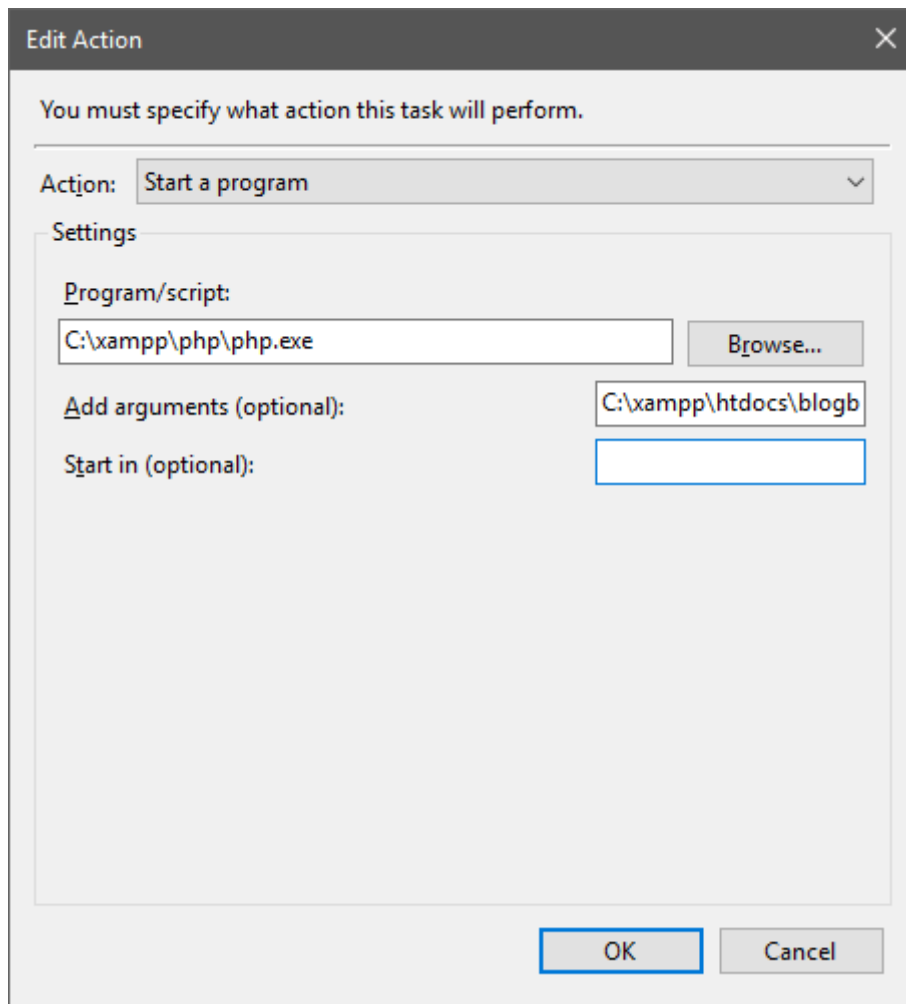
☐ Expire: 4/18/2019 1:38:42 PM ☐ Synchronize across time zones

☒ Enabled

OK Cancel

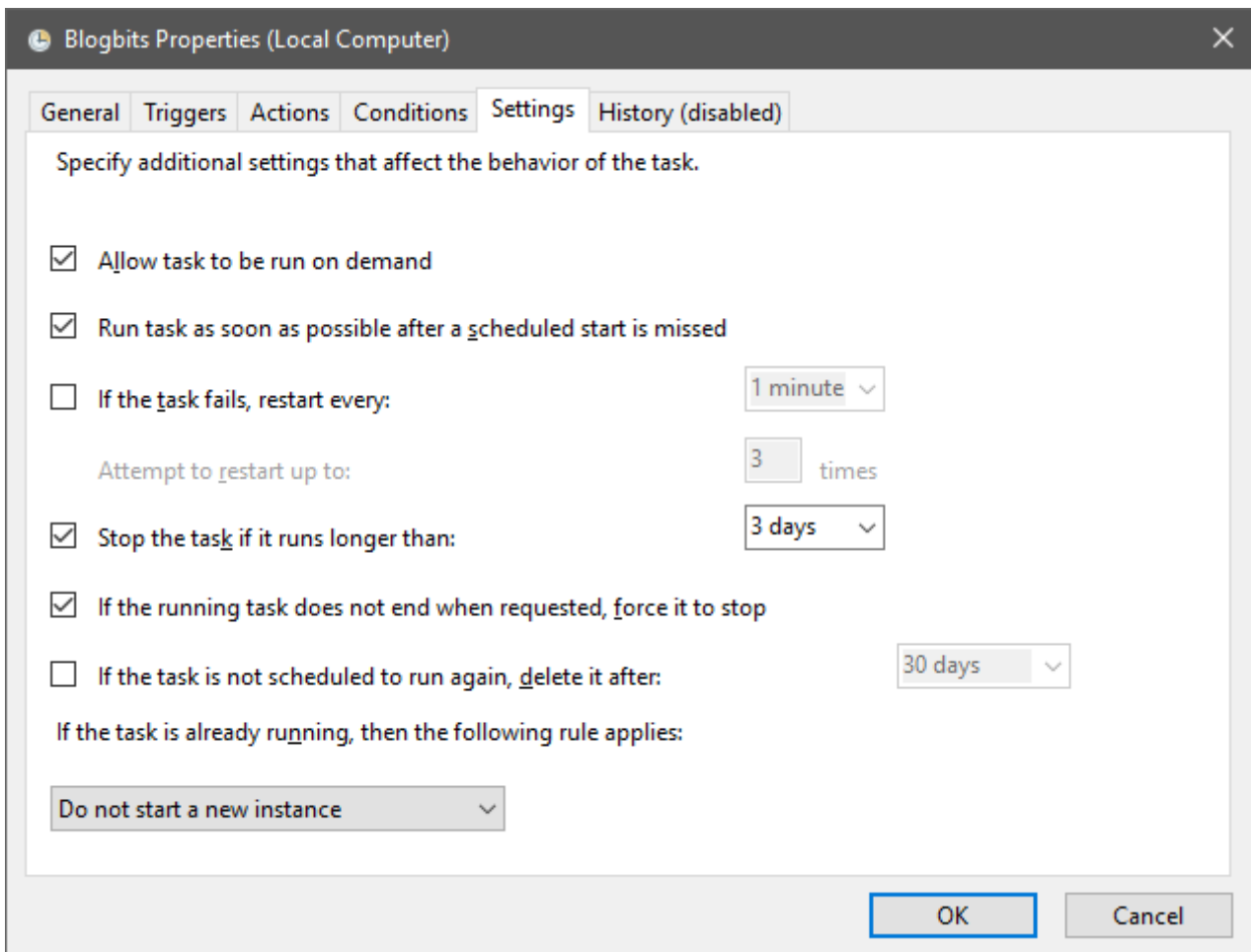
Switch to Trigger tab and click on new to create a trigger for your task. Select Daily and set enter 365 in Recur every days input field. Now move to advance settings and check Repeat task every option and choose 5 minutes from the drop-down. After doing that edit 5 minutes text to 1 minute. Choose Indefinitely for the duration and check enabled. Click OK to move on to next step.

Step 4: Create Actions for your Task



Switch to Actions tab and click on new to create actions for your task. Select Start a Program from the drop-down. In Program/Script input enter your PHP installation path which in my case is `C:\xampp\php\php.exe` In Add Arguments option enter the path to your projects artisan file which in my case is `C:\xampp\htdocs\blogbits\artisan schedule:run` Click ok to save your action.

Step 5: Task Settings



Switch to the Settings tab. Check Run task as soon as possible after a scheduled start is missed and click ok to save.

If every step went smoothly, then you have successfully created a task that triggers every minute. To check if your task is running, find your task in Task scheduler library list and validate last run time.

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Waleed Ahmad / April 18, 2018 / Laravel, Web Development

5 thoughts on “How to use Laravel Task Scheduler on Windows 10”

**Cruni505**

November 29, 2018 at 4:46 pm

Very good guide, it's works for me.

**Anuj**

December 17, 2018 at 1:51 pm

Keep up the good work.

**Umesh**

January 30, 2019 at 10:43 am

very nice it very helpful please let me me know if you write any code or schedule to send email every sunnday

**Desfree**

February 15, 2019 at 10:03 am

Thanks, it's works in Laravel 5.5 and windows 10

**Ramon Henry**

March 18, 2019 at 7:10 pm

Perfect.

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