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Schedule tasks with one line using iris-cron-task

Hi, folks!

Sometimes I need to schedule a task programmatically.

And in 99% I need having some class method be periodically called.

And I want to have the schedule be started by one line. As a job in crontab.

I decided to introduce such a module with [iris-cron-task](#) module.

See the details below!

Install the module with:

```
USER>zpm "install iris-cron-task"
```

And then you'll be able to schedule tasks with one line.

E.g. if I want the following command

```
set ^A($I(^A))=$H
```

be started every minute I can call the following:

```
zw ##class(dc.cron.task).Start("Task name","* * * * *","set ^A($I(^A))=$H",1,.taskid)
```

this will create a task with taskid which will run every minute.

When you don't need the task any more you can delete it with:

```
zw ##class(dc.cron.task).Kill(taskid)
```

I supported only a few cron settings, like every minute:

```
* * * * *
```

Every hour:

```
0 * * * *
```

And every day in a certain hour:

0 0 * * *

You could find useful the [cronmaker](#) site to get the cron expression for any schedule you need.

Thanks to [@Lorenzo Scalese](#) for introducing support for an arbitrary cron expression.

PR are welcome if you need more!

Hope you like it, any feedback is appreciated!

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Source URL: <https://community.intersystems.com/post/schedule-tasks-one-line-using-iris-cron-task>