Scheduler

Scheduler for Tiki (cron jobs)
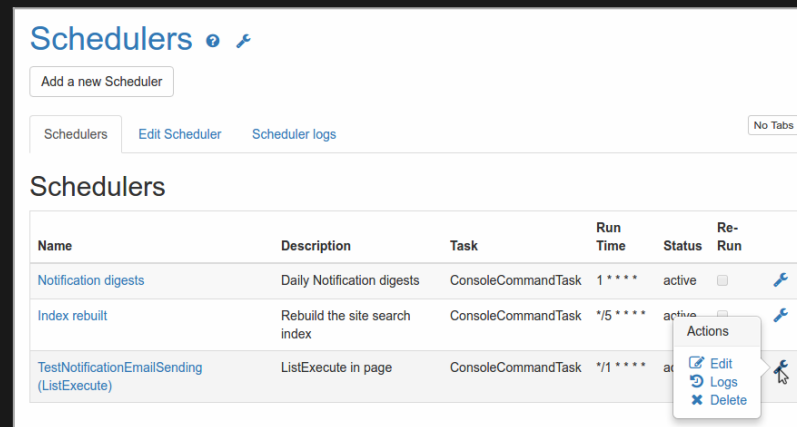An internal scheduler was added in Tiki17, so that only one cron job needs to be defined in the system crontab, and all actions to be run a scheduled times can then be defined within Tiki UI.

1.1. HOW TO FIND IT

In the quick admin module, and in the main application menu under "Settings" section ("https://example.org/tiki-admin_schedulers.php").

1.2. OVERVIEW

You can list scheduled tasks

Click to expand

You can edit one scheduled task

Click to expand

Syntax for the scheduled run time is similar to the syntax used in system crontabs in GNU/Linux and equivalent operating systems:

Use CRON format to enter the values in â€œRun Timeâ€:
Minute, Hour, Day of Month, Month, Day of Week
Eg. every 5 minutes: */5 * * * *

See https://en.wikipedia.org/wiki/Cron for details on Cron formats. For example:

* * * * * | | | | | | | | | | | | | | | | | | +---- Day of the Week (range: 1-7, 1 = Monday) | | | +------ Month of the Year (range: 1-12) | | +--------
Day of the Month (range: 1-31) | +---------- Hour (range: 0-23) +----------- Minute (range: 0-59)

TO SET MASTER CRON JOB

MANUALLY

The master cron job must be run quite frequently to check if Tiki Scheduler must launch another operation.

Here are some examples (adjust to your server path and use case)

To run every minute

```
* * * * * php /var/www/html/console.php scheduler:run
```

To run every 30 minutes

```
*/30 * * * * php /var/www/html/console.php scheduler:run
```

ⓘ Process Ownership

NOTE: If the tasks set up in your scheduler create cache files (which they often will) then you need to run this cron job as your webserver user, e.g. `www-data`, `apache`, `nginx` etc

VIA TIKI MANAGER

- Manager See instance:setup-scheduler-cron

SAMPLES

REBUILD THE UNIFIED-INDEX WITH LOG

Using the Tiki Scheduler and a Console command, once you have set your master Cron Job (see above) you can automatically rebuild your Unified Index to assure your Tiki freshness. In this sample we also generate logs so we can investigate in case there were an issue.

RELATED

- Cron
- Cron Job to Rebuild Search Index
- PluginListExecute

- Console
- Profile: Scheduler_presets_20
- Original feature request: cron job handing via Tiki

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alias

- Scheduler Management