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

Add a new Scheduler							
Schedulers Edit Sch	eduler Sc	heduler logs					No Tab
Schedulers		.		Run		Re-	
		Description	Task	Time	Status	Run	
Name							
		Daily Notification digests	ConsoleCommandTask	1****	active		F
Name Notification digests Index rebuilt		•	ConsoleCommandTask ConsoleCommandTask	1 * * * * */5 * * * *	active active Actio	_	1 1

Click to expand

You can edit one scheduled task

Add a new Schedule		
Schedulers Edit	Scheduler Scheduler logs	No Tabs
Edit Sched	uler TestNotificationEmailSending (ListExecute)	
	Information X Use CRON format to enter the values in "Run Time": Minute, Hour, Day of Month, Month, Day of Week Eg. every 5 minutes: */5 ****	
Name	TestNotificationEmailSending (ListExecute)	
Description	ListExecute in page	
Task	ConsoleCommand	
Parameters	list:execute HomepageforStaffUsers TestNotificationEmailSer	
Run Time	*/1 ****	
Status	Active	
Run if missed		

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 "Run Time": 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

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.

Schedulers	Edit scheduler Rebuild index	Scheduler logs					
	🚯 In	formation					
		Use CRON format to enter the values in "Run Time": Minute, Hour, Day of Month, Month, Day of Week					
		y 5 minutes: */5 * * * *					
Name *	Rebuild	1 index					
Description		j index once a day at 6, create log					
Task *	Conso	leCommand					
Console comm	nand * index:n	index:rebuildlog					
Run Time *	0 */6 *						
Status	Active						
Run if missed							
Run only once							
		Save					

Related

- Cron
- Cron Job to Rebuild Search Index
- PluginListExecute
- Console
- Profile: Scheduler_presets_20
- Original feature request: cron job handing via Tiki

alias

Scheduler Management