



## CubiCronjobModule

Phase-Implementation

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## Cubi Cronjob Module

Cronjob module provides a backend management UI to allow administrator to manage periodically running commands in cronjob format.

Cubi System > Administration > Cronjob > Manage CronjobLog

admin <admin@yourcompany.com>

### Application Menu

- Users
- Roles
- Modules
- Menu
- Email
- Cronjob**
  - Manage CronjobLog
- Help
- Event Logs

### List of cronjob

Add Edit Copy Delete Export

	Id	Name	Minute	Hour	Day	Month	Weekday	Command	Active
<input type="checkbox"/>	1	send emails from queue	5	*	*	*	*	run_svc.php service.userEmailService sendEmailFromQueue	<input checked="" type="checkbox"/>
<input type="checkbox"/>	2	file backup	*	2	*	*	*	scp /etc/sql/* abc@backsvr:/backup	<input checked="" type="checkbox"/>

1 of 1

A cronjob defined in Cubi can have following attributes.

- name
- minute, hour, day, month, weekday. Unix cronjob format is used. Note: \*/N format is not supported.
- command. This is the command to run in this job.
- sendmail. This field includes the emails to be sent after completing executing the job.
- max\_run. max\_run tells how many concurrent execution of this job. By default max\_run=1. It means only single job can run as the same time. If max\_run=0, then no limit of the concurrent job execution.
- description

If you need to know more about setting cron, please check <http://en.wikipedia.org/wiki/Cron>

## Cronjob runner

Cubi provides a script to run jobs listed in the cronjob management screen. To start Cubi cronjob runner, you can add "cubi/bin/cronjob/cron.php" in system crontab and let it run every certain time interval. E.g. 1 minute. The cronjob runner reads and parses the jobs in the cronjob list, then execute them.

## Log file

cronjob log files are outputted to cubi/log. Each job will have its own log. The cron log file has name like cron\_n.log where "n" is the cronjob id.

## Run service script

Cubi provides a helper command called run\_svc.php that can invoke service with following format.

```
usage: # php run_svc.php service_name method parameter1 parameter2 ...
```

You can add this command in cronjob management page.

Next: [CubiHelpModule](#)

