

scheduler



Where is the method executed?

The scheduled methods are executed in the client in which they are started. This means that if the client is closed, the scheduled method(s) will not run anymore. See [Batch Processors](#) for information how to continuously run methods in the background, in a client that will not be closed (automatically)

Method Summary

void [#addCronJob](#)(jobname, cronTimings, globalMethod, [startDate], [endDate], [arguments])
Adds a cron job to the scheduler.

void [#addJob](#)(jobname, startDate, globalMethod, [repeatInterval(ms)], [repeatCount], [endDate], [arguments])
Adds a job to the scheduler.

[String](#)[] [#getCurrentJobNames](#)()
Returns an array with the current jobs.

[String](#) [#getLastRunJobName](#)()

void [#removeJob](#)(jobname)
Removes a job from the scheduler.

Method Details

[addCronJob](#)

void **addCronJob**(jobname, cronTimings, globalMethod, [startDate], [endDate], [arguments])

Adds a cron job to the scheduler.

Parameters

jobname
cronTimings
globalMethod
[startDate]
[endDate]
[arguments]

Returns

void

Sample

```
// see: http://www.quartz-scheduler.org/docs/tutorials/crontrigger.html for more info
// add a job that runs every 20 minutes after the hour (0,20,40)
plugins.scheduler.addCronJob('20mins','0 0/20 * * * ?',globalMethod)
// add a job that runs every day at 23:30 between now and 5 days from now
var dateNow = new Date();
var date5Days = new Date(dateNow.getTime()+5*24*60*60*1000);
plugins.scheduler.addCronJob('23:30','0 30 23 ? * *',globalMethod,dateNow,date5Days)
```

[addJob](#)

void **addJob**(jobname, startDate, globalMethod, [repeatInterval(ms)], [repeatCount], [endDate], [arguments])

Adds a job to the scheduler.

Parameters

jobname
startDate
globalMethod
[repeatInterval(ms)]
[repeatCount]
[endDate]
[arguments]

Returns

void

Sample

```
// add a job that runs at the given date (20 seconds in the future)
// and repeats that every 20 seconds for 40 times or the enddate is reached (0 for no repeats = just one call)
var startDate = new Date();
startDate.setTime(startDate.getTime()+20000);
var endDate = new Date(startDate.getTime()+100000);
plugins.scheduler.addJob('in20seconds',startDate,globalMethod,20000,40,endDate)
```

getCurrentJobNames

String[] **getCurrentJobNames()**

Returns an array with the current jobs.

Returns

String[]

Sample

```
// Returns an array of current jobnames
plugins.scheduler.getCurrentJobNames()
```

getLastRunJobName

String **getLastRunJobName()**

Replace with description

Returns

String

removeJob

void **removeJob(jobname)**

Removes a job from the scheduler.

Parameters

jobname

Returns

void

Sample

```
// removes a job 'myjob' from the scheduler
plugins.scheduler.removeJob('myjob')
```