

Tasks Cleaner

The Tasks Cleaner module provides commands for managing tasks like scheduled publications that have been executed.

Tasks that have been successfully executed are marked as "resolved" and retained in the task workspace in your JCR repository. Resolved tasks can be marked as "archived" and will no longer be displayed in the Tasks app. "Archived" tasks can be marked as "removed".

Having many resolved tasks can affect:

- the time to log in to Admincentral
- the time to publish

It's a good idea to periodically archive resolved tasks to prevent Admincentral performance from being adversely impacted.

- [Installation](#)
- [Usage](#)
- [Commands](#)
- [Task Voters](#)
 - [TaskCreatedBeforeVoter](#)
 - [TaskCreatedSinceVoter](#)
 - [TaskFailedVoter](#)
 - [TaskHasContentValueVoter](#)
 - [TaskHasContentVoter](#)
 - [TaskHasResultValueVoter](#)
 - [TaskHasResultVoter](#)
 - [TaskModifiedBeforeVoter](#)
 - [TaskModifiedSinceVoter](#)
 - [TaskStatusVoter](#)
- [Warnings](#)
- [Changelog](#)

JIRA	-
Git	taskscleaner

Installation

Maven is the easiest way to install the module. Add the following dependency to your [bundle](#):

```
<dependency>
  <groupId>info.magnolia.taskscleaner</groupId>
  <artifactId>tasks-cleaner</artifactId>
  <version>(current Tasks Cleaner module version)</version>
</dependency>
```

Versions

1.0	Magnolia 5.6
-----	---------------------

Usage

The following commands are defined by the Tasks Cleaner module: **cleanup-archiveTasks** and **cleanup-removeTasks**.

The commands **cleanup-archiveTasks** and **cleanup-removeTasks** can be run:

- as scheduled jobs with the [Scheduler module](#)
- through the [REST command endpoint](#)
- invoked by [app actions](#)
- through the console of the [Groovy app](#)

Commands

All the commands can be found in the cleanup [catalog](#): `/module/tasks-cleaner/commands/cleanup`

<code>archiveTasks</code>	Check resolved tasks and mark selected tasks as archived according to configurable criteria.
<code>removeTasks</code>	Check archived tasks and mark selected task as removed according to configurable criteria.

Both `archiveTasks` and `removeTasks` have the following properties:

Properties:

<code>noop</code>	optional Do a dry-run, do not modify any tasks and report the results to Magnolia logs. Default is false .
<code>maxTasks</code>	optional Sets the maximum number of tasks that will be modified in a run (defaults to 256). If the maximum number of tasks is reached, the command will stop. If set to -1, no limit is imposed and all selected tasks will be modified. Default is 256.
<code>votes</code>	required A voter set that will select tasks for modification (either archiving or removal). See the following section on the task voters available.

Task Voters

There are a number of task voters you can use to select tasks for archiving or removing by the `archiveTasks` and `removeTasks` commands.

TaskCreatedBeforeVoter

`TaskCreatedBeforeVoter` returns true if the task was created before a configured **date**, false otherwise.

Class: `info.magnolia.services.taskscleaner.voters.TaskCreatedBeforeVoter`

Properties:

<code>date</code>	required A date. The voter will return true if the task was created before the date.
-------------------	--

TaskCreatedSinceVoter

`TaskCreatedSinceVoter` returns true if the task was created before a configured **interval** (in milliseconds) from the current time, false otherwise.

For example, if the interval is set to 30 days (2592000000 converted to milliseconds), the voter will return true if the creation date is 30 days before the current time at execution.

Class: `info.magnolia.services.taskscleaner.voters.TaskCreatedSinceVoter`

Properties:

<code>interval</code>	required An interval in milliseconds. The voter will return true if the task was created before interval from the current time.
-----------------------	---

TaskFailedVoter

`TaskFailedVoter` returns true if the task is marked as "Failed", false otherwise.

Class: `info.magnolia.services.taskscleaner.voters.TaskFailedVoter`

TaskHasContentValueVoter

TaskHasContentValueVoter returns true if the task content has the configured **contentKey** key and **contentValue**, false otherwise.

Class: `info.magnolia.services.taskscleaner.voters.TaskHasContentValueVoter`

Properties:

<code>contentKey</code>	required A content key name.
<code>contentValue</code>	required A content value.

TaskHasContentVoter

TaskHasContentVoter returns true if the task content has the configured **contentKey** defined, false otherwise.

Note: the value of the `contentKey` is not checked.

Class: `info.magnolia.services.taskscleaner.voters.TaskHasContentVoter`

Properties:

<code>contentKey</code>	required A content key name.
-------------------------	--

TaskHasResultValueVoter

TaskHasResultValueVoter returns true if the task results has the configured **resultKey** key and **resultValue**, false otherwise.

Class: `info.magnolia.services.taskscleaner.voters.TaskHasResultValueVoter`

Properties:

<code>resultKey</code>	required A result key name.
<code>resultValue</code>	required A result value.

TaskHasResultVoter

TaskHasContentVoter returns true if the task results has the configured **resultsKey** defined, false otherwise.

Note: the value of the `resultKey` is not checked.

Class: `info.magnolia.services.taskscleaner.voters.TaskHasResultVoter`

Properties:

<code>resultKey</code>	required A result key name.
------------------------	---------------------------------------

TaskModifiedBeforeVoter

TaskModifiedBeforeVoter returns true if the task was modified before a configured **date**, false otherwise.

Class: `info.magnolia.services.taskscleaner.voters.TaskModifiedBeforeVoter`

Properties:

date	required
	A date. The voter will return true if the task was modified before the date.

TaskModifiedSinceVoter

TaskModifiedSinceVoter returns true if the task was modified before a configured **interval** (in milliseconds) from the current time, false otherwise.

For example, if the interval is set to 30 days (2592000000 converted to milliseconds), the voter will return true if the last modified date is 30 days before the current time at execution.

Class: `info.magnolia.services.taskscleaner.voters.TaskModifiedSinceVoter`

Properties:

interval	required
	An interval in milliseconds. The voter will return true if the task was last modified before interval from the current time.

TaskStatusVoter

TaskStatusVoter returns true if the task currently has the configured **status**, otherwise false.

Class: `info.magnolia.services.taskscleaner.voters.TaskStatusVoter`

Properties:

status	required
	A task status, one of: Created, InProgress, Resolved, Failed, Archived, Removed, Scheduled.

Warnings

- This module is at INCUBATOR level.

Changelog

- Version 1.0
 - initial release