Infrastructure - Bug #7933

d1-index-task-processor stops processing task queue

2016-11-14 13:33 - Dave Vieglais

Status:	New		**Start date:**	2016-11-29
Priority:	Normal		**Due date:**	
Assignee:	Jing Tao		**% Done:**	0%
Category:	d1_indexer		**Estimated time:**	0.00 hour
Target version:	CCI-2.4.0			
Milestone:	None		**Story Points:**	
Product Version:	*			

Description

The index processor stops processing or processes extremely slowly, failing to drain the task queue.

Attempting to stop using "service d1-index-task-processor stop" fails, with the process continuing to run very slowly for hours.

SELECT status,deleted,COUNT(*) AS cnt FROM index_task GROUP BY status,deleted ORDER BY status;

status	deleted	cnt
FAILED	f	3269
IN PROCESS	f	2
NEW	t	1621
NEW	f	64348

cn-index-processor-daemon.log:

[INFO] 2016-11-14 13:36:10,874 (IndexTaskProcessorScheduler:stop:88) Job executing, waiting for it to complete.....
[INFO] 2016-11-14 13:36:15,876 (IndexTaskProcessorScheduler:stop:88) Job executing, waiting for it to complete.....
[INFO] 2016-11-14 13:36:18,972 (IndexTaskProcessor:isResourceMapReadyToIndex:197) Not all map resource references indexed for map: resource_map_doi:10.18739/A25G76. Marking new and continuing...
[INFO] 2016-11-14 13:36:18,979 (IndexTaskProcessor:getNextIndexTask:178) Task for pid: resource_map_doi:10.18739/A25G76 not processed.
[INFO] 2016-11-14 13:36:18,982 (IndexTaskProcessor:getNextIndexTask:161) Start of indexing pid: resource_map_doi:10.18739/A25G8K
[INFO] 2016-11-14 13:36:20,876 (IndexTaskProcessorScheduler:stop:88) Job executing, waiting for it to complete.....
[INFO] 2016-11-14 13:36:25,877 (IndexTaskProcessorScheduler:stop:88) Job executing, waiting for it to complete.....
[INFO] 2016-11-14 13:36:30,877 (IndexTaskProcessorScheduler:stop:88) Job executing, waiting for it to complete.....
[INFO] 2016-11-14 13:36:35,878 (IndexTaskProcessorScheduler:stop:88) Job executing, waiting for it to complete.....
[INFO] 2016-11-14 13:36:40,878 (IndexTaskProcessorScheduler:stop:88) Job executing, waiting for it to complete.....

Subtasks:

Task # 7945: D1-index-processor should be shut down soon after stop given	**Closed**

History

#1 - 2016-11-14 13:37 - Dave Vieglais

- Description updated

#2 - 2016-11-15 19:04 - Dave Vieglais

(oops - edited wrong ticket)

#3 - 2016-12-02 00:23 - Dave Vieglais

- Target version changed from CCI-2.3.1 to CCI-2.4.0

This appears to be normal behavior, but a symptom of a larger issue that begs some refactoring of the indexing process in general. Moving to 2.4 as something to be addressed in a bigger picture.