

Infrastructure - Story #2067

Refactor the index task generator and processor to improve scalability and performance

2011-11-29 13:58 - Dave Vieglaiss

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|--|--------------------------|------------------------|------------|
| Status: | Closed | Start date: | 2011-11-29 |
| Priority: | Normal | Due date: | |
| Assignee: | Skye Roseboom | % Done: | 100% |
| Category: | d1_indexer | Estimated time: | 0.00 hour |
| Target version: | Sprint-2012.05-Block.1.3 | | |
| Story Points: | | | |
| Description | | | |
| The current implementation of the index task generator and processor is unsuitable for a production environment. It needs to be refactored to improve scalability and to support concurrent access by a single task generator and one or more task processors. | | | |
| Subtasks: | | | |
| Task # 2068: Define the index task data model | | | Closed |
| Task # 2069: Select a persistence technology for the index task queue | | | Closed |
| Task # 2070: Implement the refactored index task generator | | | Closed |
| Task # 2071: Update the index task processor to read from task queue | | | Closed |
| Task # 2072: Update the index task generator to listen to the hzSystemMetadata map for ... | | | Closed |
| Task # 2119: Create command line tool to build/update entire solr index | | | Closed |
| Task # 2130: Build-out for solr indexing components | | | Closed |
| Task # 2143: Refactor static nodeRegistryMap | | | Closed |
| Task # 2173: Create solr index test harness | | | Closed |
| Task # 2174: Solr installation cleanup | | | Closed |
| Task # 2184: Archived objects must be removed from the index | | | Closed |
| Task # 2202: Remove unneeded fields from SOLR schema | | | Closed |
| Task # 2220: Update solr index refresh tool to use new hzIdentifiers Set | | | Closed |
| Task # 2221: Update Task Generation to act only on 'update' events | | | Closed |
| Task # 2222: indexerapi generating slightly incorrect data_url | | | Closed |
| Task # 2223: Remove obsoletedBy field from SOLR index | | | Closed |
| Task # 2224: Set value of field to resolve URL if object is science metadata | | | Closed |
| Task # 2225: Remove the contains field form the solr index. | | | Closed |
| Task # 2248: Hudson continuous builds | | | Closed |
| Task # 2270: Restrict access to solr update to localhost | | | Closed |

History

#1 - 2011-12-06 14:43 - Dave Vieglaiss

- Target version changed from Sprint-2011.48-Block.6 to Sprint-2011.49-Block.6
- Position set to 325

#2 - 2011-12-19 18:09 - Skye Roseboom

- Status changed from New to In Progress

#3 - 2011-12-19 18:45 - Dave Vieglaiss

- Position deleted (324)
- Position set to 13
- Target version changed from Sprint-2011.49-Block.6 to Sprint-2011.51-Block.6

#4 - 2012-01-03 18:26 - Skye Roseboom

- Target version changed from Sprint-2011.51-Block.6 to Sprint-2012.01-Block.1.1

- *Position deleted (18)*

- *Position set to 3*

#5 - 2012-01-05 19:51 - Skye Roseboom

- *Status changed from In Progress to Closed*

Closing this story as all sub-tasks have been completed.

#6 - 2012-01-06 20:33 - Skye Roseboom

- *Status changed from Closed to In Progress*

re-opening story with new tasks

#7 - 2012-01-17 14:49 - Dave Viegla

- *Target version changed from Sprint-2012.01-Block.1.1 to Sprint-2012.03-Block.1.2*

- *Position deleted (41)*

- *Position set to 1*

#8 - 2012-01-23 20:12 - Skye Roseboom

- *Status changed from In Progress to Closed*

Closing story as all tasks completed.

#9 - 2012-01-31 14:58 - Skye Roseboom

- *Status changed from Closed to In Progress*

opening with new sub-task.

#10 - 2012-01-31 15:00 - Skye Roseboom

- *Target version changed from Sprint-2012.03-Block.1.2 to Sprint-2012.05-Block.1.3*

moving forward to current sprint, for new sub-task (2270).

#11 - 2012-02-02 23:17 - Skye Roseboom

- *Status changed from In Progress to Closed*

closing again with final task complete.