

Infrastructure - Bug #8686

d1-index-task-processor failed with NPE

2018-08-24 01:35 - Dave Vieglais

Status:	New	Start date:	2018-08-24
Priority:	Normal	Due date:	
Assignee:	Rob Nahf	% Done:	0%
Category:	d1_indexer	Estimated time:	0.00 hour
Target version:		Story Points:	
Milestone:	None		
Product Version:	*		

Description

Index task processor was unresponsive and not reporting new events to the logs. Error:

Aug 23, 2018 3:33:15 AM com.hazelcast.client.ProxyHelper

INFO: There is no response for Call [8081307] operation=CONCURRENT_MAP_GET in 5 seconds.

java.lang.NullPointerException

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    at java.net.URI$Parser.parse (URI.java:3042)
    at java.net.URI.<init> (URI.java:588)
    at java.net.URI.create (URI.java:850)
    at org.apache.http.client.methods.HttpGet.<init> (HttpGet.java:69)
    at org.dataone.cn.indexer.convert.MemberNodeServiceRegistrationTypeDocumentService.fetchServiceTypeDoc (MemberNodeServiceRegistrationTypeDocumentService.java:74)
    at org.dataone.cn.indexer.convert.MemberNodeServiceRegistrationTypeDocumentService.getMemberNodeServiceRegistrationTypeDocument (MemberNodeServiceRegistrationTypeDocumentService.java:57)
    at org.dataone.cn.indexer.parser.utility.MemberNodeServiceRegistrationTypeCache.getServiceTypes (MemberNodeServiceRegistrationTypeCache.java:52)
    at org.dataone.cn.indexer.convert.MemberNodeServiceRegistrationTypeConverter.convert (MemberNodeServiceRegistrationTypeConverter.java:38)
    at org.dataone.cn.indexer.parser.SolrField.processNodeValue (SolrField.java:216)
    at org.dataone.cn.indexer.parser.SolrField.processField (SolrField.java:162)
    at org.dataone.cn.indexer.parser.SolrField.getFields (SolrField.java:119)
    at org.dataone.cn.indexer.parser.BaseXPathDocumentSubprocessor.processDocument (BaseXPathDocumentSubprocessor.java:114)
    at org.dataone.cn.indexer.parser.ScienceMetadataDocumentSubprocessor.processDocument (ScienceMetadataDocumentSubprocessor.java:42)
    at org.dataone.cn.indexer.SolrIndexService.processObject (SolrIndexService.java:230)
    at org.dataone.cn.indexer.SolrIndexService.insertIntoIndex (SolrIndexService.java:303)
    at org.dataone.cn.index.processor.IndexTaskUpdateProcessor.process (IndexTaskUpdateProcessor.java:50)
    at org.dataone.cn.index.processor.IndexTaskProcessor.processTask (IndexTaskProcessor.java:286)
    at org.dataone.cn.index.processor.IndexTaskProcessor.access$000 (IndexTaskProcessor.java:80)
    at org.dataone.cn.index.processor.IndexTaskProcessor$1.run (IndexTaskProcessor.java:263)
    at java.util.concurrent.Executors$RunnableAdapter.call (Executors.java:511)
    at java.util.concurrent.FutureTask.run (FutureTask.java:266)
    at java.util.concurrent.ThreadPoolExecutor.runWorker (ThreadPoolExecutor.java:1149)
    at java.util.concurrent.ThreadPoolExecutor$Worker.run (ThreadPoolExecutor.java:624)
    at java.lang.Thread.run (Thread.java:748)
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Service restarted and continued processing OK.

Need to diagnose why the service stopped and how to prevent in the future.