Metacat - Bug #6520

Metacat indexing the resource map prior to metadata document

04/17/2014 04:18 PM - Jing Tao

Status:	Closed		**Start date:**	04/17/2014
Priority:	Normal		**Due date:**	
Assignee:	ben leinfelder		**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:	2.4.2		**Spent time:**	0.00 hour
Bugzilla-Id:				

Description

When I tested the metacat replication, I got the error in the remote server when i used morpho 1.10 or online registry to insert a package with data file to the local metacat:

metacat-index 20140417-15:11:18: [ERROR]: Solr index doesn't have the information about the id tao.13007.1 which is a component in the resource map resourceMap_tao.13007.1. Metacat-Index can't process the resource map prior to its components. [edu.ucsb.nceas.metacat.index.SolrIndex]
edu.ucsb.nceas.metacat.index.resourcemap.ResourceMapException: Solr index doesn't have the information about the id tao.13007.1 which is a component in the resource map resourceMap_tao.13007.1. Metacat-Index can't process the resource map prior to its components.
at edu.ucsb.nceas.metacat.index.resourcemap.ResourceMapSubprocessor.getSolrDocs(ResourceMapSubprocessor.java:118)
at edu.ucsb.nceas.metacat.index.resourcemap.ResourceMapSubprocessor.processResourceMap(ResourceMapSubprocessor.java:95)
at edu.ucsb.nceas.metacat.index.resourcemap.ResourceMapSubprocessor.processDocument(ResourceMapSubprocessor.java:81)
at edu.ucsb.nceas.metacat.index.SolrIndex.process(SolrIndex.java:216)
at edu.ucsb.nceas.metacat.index.SolrIndex.insert(SolrIndex.java:364)
at edu.ucsb.nceas.metacat.index.SolrIndex.update(SolrIndex.java:557)
at edu.ucsb.nceas.metacat.index.SolrIndex.update(SolrIndex.java:514)
at edu.ucsb.nceas.metacat.index.SystemMetadataEventListener.entryUpdated(SystemMetadataEventListener.java:146)
at edu.ucsb.nceas.metacat.index.SystemMetadataEventListener.entryAdded(SystemMetadataEventListener.java:119)
at com.hazelcast.client.impl.EntryListenerManager.notifyListeners(EntryListenerManager.java:148)
at com.hazelcast.client.impl.EntryListenerManager.notifyListeners(EntryListenerManager.java:130)
at com.hazelcast.client.impl.ListenerManager.customRun(ListenerManager.java:88)
at com.hazelcast.client.ClientRunnable.run(ClientRunnable.java:30)
at java.lang.Thread.run(Thread.java:744)

But the in the local host, the solr index worked fine.

History

#1 - 04/22/2014 01:30 PM - Jing Tao

- Subject changed from Remote server indexing the resource map prior to metadata document to Metacat indexing the resource map prior to metadata document

Actually, the localhost has the same error:
[ERROR]: Solr index doesn't have the information about the id tao.13010.1 which is a component in the resource map resourceMap_tao.13010.1. Metacat-Index can't process the resource map prior to its components. [edu.ucsb.nceas.metacat.index.SolrIndex]
edu.ucsb.nceas.metacat.index.resourcemap.ResourceMapException: Solr index doesn't have the information about the id tao.13010.1 which is a component in the resource map resourceMap_tao.13010.1. Metacat-Index can't process the resource map prior to its components.
at edu.ucsb.nceas.metacat.index.resourcemap.ResourceMapSubprocessor.getSolrDocs(ResourceMapSubprocessor.java:118)
at edu.ucsb.nceas.metacat.index.resourcemap.ResourceMapSubprocessor.processResourceMap(ResourceMapSubprocessor.java:95)
at edu.ucsb.nceas.metacat.index.resourcemap.ResourceMapSubprocessor.processDocument(ResourceMapSubprocessor.java:81)
at edu.ucsb.nceas.metacat.index.SolrIndex.process(SolrIndex.java:216)
at edu.ucsb.nceas.metacat.index.SolrIndex.insert(SolrIndex.java:364)
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at com.hazelcast.client.impl.EntryListenerManager.notifyListeners(EntryListenerManager.java:148)
at com.hazelcast.client.impl.EntryListenerManager.notifyListeners(EntryListenerManager.java:130)
at com.hazelcast.client.impl.ListenerManager.customRun(ListenerManager.java:88)
at com.hazelcast.client.ClientRunnable.run(ClientRunnable.java:30)
at java.lang.Thread.run(Thread.java:744)

#2 - 04/22/2014 01:31 PM - Jing Tao

I also saw the error when i used morpho 1.10 to insert a package with data:
[ERROR]: org.apache.solr.common.SolrException: org.apache.lucene.queryParser.ParseException: Cannot parse 'resourceMap:*+id:"tao.13010.1"':
Encountered " ":" ": "" at line 1, column 16.
Was expecting one of:
<EOF>
<AND> ...
<OR> ...
<NOT> ...
"+" ...
"-" ...
"(" ...
"*" ...
"^" ...
<QUOTED> ...
<TERM> ...
<FUZZY_SLOP> ...
<PREFIXTERM> ...
<WILDTERM> ...
"[" ...
"{" ...
<NUMBER> ...

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at org.apache.solr.handler.component.QueryComponent.prepare(QueryComponent.java:105)
    at org.apache.solr.handler.component.SearchHandler.handleRequestBody(SearchHandler.java:173)
    at org.apache.solr.handler.RequestHandlerBase.handleRequest(RequestHandlerBase.java:129)
    at org.apache.solr.core.SolrCore.execute(SolrCore.java:1368)
    at org.apache.solr.client.solrj.embedded.EmbeddedSolrServer.request(EmbeddedSolrServer.java:140)
    at org.apache.solr.client.solrj.request.QueryRequest.process(QueryRequest.java:89)
    at org.apache.solr.client.solrj.SolrServer.query(SolrServer.java:118)
    at edu.ucsb.nceas.metacat.common.query.EmbeddedSolrQueryService.query(EmbeddedSolrQueryService.java:122)
    at edu.ucsb.nceas.metacat.common.query.SolrQueryServiceController.query(SolrQueryServiceController.java:11
0)
    at edu.ucsb.nceas.metacat.index.MetacatSolrIndex.query(MetacatSolrIndex.java:135)
    at edu.ucsb.nceas.metacat.dataone.MNodeService.query(MNodeService.java:1631)
    at edu.ucsb.nceas.metacat.dataone.MNodeService.lookupOreFor(MNodeService.java:1856)
    at edu.ucsb.nceas.metacat.dataone.SystemMetadataFactory.oreExistsFor(SystemMetadataFactory.java:617)
    at edu.ucsb.nceas.metacat.dataone.SystemMetadataFactory.createSystemMetadata(SystemMetadataFactory.java:52
4)
    at edu.ucsb.nceas.metacat.MetacatHandler.handleInsertOrUpdateAction(MetacatHandler.java:1843)
    at edu.ucsb.nceas.metacat.MetaCatServlet.handleGetOrPost(MetaCatServlet.java:906)
    at edu.ucsb.nceas.metacat.MetaCatServlet.doPost(MetaCatServlet.java:503)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java:641)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java:722)
    at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:305)
    at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:210)
    at org.apache.catalina.core.StandardWrapperValve.invoke(StandardWrapperValve.java:224)
    at org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:169)
    at org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:472)
    at org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:168)
    at org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:98)
    at org.apache.catalina.valves.AccessLogValve.invoke(AccessLogValve.java:927)
    at org.apache.catalina.core.StandardEngineValve.invoke(StandardEngineValve.java:118)
    at org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:407)
    at org.apache.coyote.ajp.AjpProcessor.process(AjpProcessor.java:200)
    at org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:579)
    at org.apache.tomcat.util.net.JIoEndpoint$SocketProcessor.run(JIoEndpoint.java:307)
    at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1145)
    at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:615)
    at java.lang.Thread.run(Thread.java:744)
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#3 - 04/22/2014 03:39 PM - ben leinfelder

- Status changed from New to In Progress

- Assignee set to ben leinfelder

- Target version set to 2.5.0

Now we will submit the ORE for indexing after we are sure the metadata document has been indexed.

#4 - 04/23/2014 10:45 AM - ben leinfelder

- Status changed from In Progress to Closed

Tested package upload from Morpho and the resourceMap was successfully indexed.

#5 - 11/13/2014 03:24 PM - ben leinfelder

- Target version changed from 2.5.0 to 2.4.2