Metacat - Bug #7161

Uploading a resource map with provenance data causes an NPE during indexing

11/22/2016 03:21 PM - Peter Slaughter

Status:	Resolved	**Start date:**	11/22/2016
Priority:	Normal	**Due date:**	
Assignee:	Jing Tao	**% Done:**	0%
Category:	index	**Estimated time:**	0.00 hour
Target version:	2.8.1	**Spent time:**	0.00 hour
Bugzilla-Id:			

Description

When uploading a resource map with provenance relationships included, indexing exits with an NPE during processing of RdfXmlSubprocessor:

Java.lang.NullPointerException
at org.dataone.cn.indexer.annotation.RdfXmlSubprocessor.getSolrDocs(RdfXmlSubprocessor.java:278)
at org.dataone.cn.indexer.annotation.RdfXmlSubprocessor.process(RdfXmlSubprocessor.java:265)
at org.dataone.cn.indexer.annotation.RdfXmlSubprocessor.processDocument(RdfXmlSubprocessor.java:119)
...

The problem appears to be caused by RdfXmlSubprocessor.getSolrDocs() calling httpService, which causes the NPE because an http solr server
is not run on metacat member node instances, which rely on the embedded solr server instead.

The included files are the resource map that was uploaded that caused the NPE, and a portion of the tomcat log file that includes indexer TRACE info and the NPE.

History

#1 - 12/01/2016 12:39 PM - Jing Tao

- Status changed from New to Resolved

Wrote a new MetacatRdfXmlSubprocessor which overwrites the code to access the solr http server directly. I also wrote a junit test class to test it and it worked well.

Files

urn-uuid-e029b6e4-be07-442b-a54e-2d0aca657294-resmap.xml	25.7 KB	11/22/2016		Peter Slaughter
bug.log	43.7 KB	11/22/2016		Peter Slaughter