

Infrastructure - Bug #8361

index processor throws unhandled NPE if task systemMetadata is null

2018-02-12 17:30 - Rob Nahf

Status:	New	Start date:	2018-02-12
Priority:	Normal	Due date:	
Assignee:	Rob Nahf	% Done:	0%
Category:	d1_indexer	Estimated time:	0.00 hour
Target version:	CCI-2.3.10	Story Points:	
Milestone:	None		
Product Version:	*		

Description

Seen in STAGE, from among a group of task left in the 'IN PROCESS' state:

```
[ INFO] 2018-02-12 16:52:10,292 (IndexTaskProcessor:getNextIndexTask:610) Start of indexing pid: urn:uuid:eff10cb2-e454-4bc8-acc2-0927488621b0
```

```
[ERROR] 2018-02-12 16:52:10,311 (IndexTask:unMarshalSystemMetadata:221)
org.dataone.exceptions.MarshallingException
    at org.dataone.service.util.TypeMarshaller.unmarshalTypeFromStream(TypeMarshaller.java:299)
    at org.dataone.cn.index.task.IndexTask.unMarshalSystemMetadata(IndexTask.java:213)
    at org.dataone.cn.index.task.IndexTask.isArchived(IndexTask.java:251)
    at org.dataone.cn.index.task.IndexTask.isDeleteTask(IndexTask.java:265)
    at org.dataone.cn.index.processor.IndexTaskProcessor.getNextIndexTask(IndexTaskProcessor.java:612)
    at org.dataone.cn.index.processor.IndexTaskProcessor.processIndexTaskQueue(IndexTaskProcessor.java:184)
    at org.dataone.cn.index.processor.IndexTaskProcessorJob.execute(IndexTaskProcessorJob.java:57)
    at org.quartz.core.JobRunShell.run(JobRunShell.java:213)
    at org.quartz.simpl.SimpleThreadPool$WorkerThread.run(SimpleThreadPool.java:557)
```

Caused by: javax.xml.bind.UnmarshalException

```
- with linked exception:
[org.xml.sax.SAXParseException; Premature end of file.]
    at javax.xml.bind.helpers.AbstractUnmarshallerImpl.createUnmarshalException(AbstractUnmarshallerImpl.java:335)
    at com.sun.xml.internal.bind.v2.runtime.unmarshaller.UnmarshallerImpl.createUnmarshalException(UnmarshallerImpl.java:563)
    at com.sun.xml.internal.bind.v2.runtime.unmarshaller.UnmarshallerImpl.unmarshal0(UnmarshallerImpl.java:249)
    at com.sun.xml.internal.bind.v2.runtime.unmarshaller.UnmarshallerImpl.unmarshal(UnmarshallerImpl.java:214)
    at javax.xml.bind.helpers.AbstractUnmarshallerImpl.unmarshal(AbstractUnmarshallerImpl.java:157)
    at javax.xml.bind.helpers.AbstractUnmarshallerImpl.unmarshal(AbstractUnmarshallerImpl.java:204)
    at org.dataone.service.util.TypeMarshaller.unmarshalTypeFromStream(TypeMarshaller.java:297)
    ... 8 more
```

Caused by: org.xml.sax.SAXParseException; Premature end of file.

```
    at org.apache.xerces.util.ErrorHandlerWrapper.createSAXParseException(Unknown Source)
    at org.apache.xerces.util.ErrorHandlerWrapper.fatalError(Unknown Source)
    at org.apache.xerces.impl.XMLErrorReporter.reportError(Unknown Source)
    at org.apache.xerces.impl.XMLErrorReporter.reportError(Unknown Source)
    at org.apache.xerces.impl.XMLErrorReporter.reportError(Unknown Source)
    at org.apache.xerces.impl.XMLVersionDetector.determineDocVersion(Unknown Source)
    at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
    at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
    at org.apache.xerces.parsers.XMLParser.parse(Unknown Source)
    at org.apache.xerces.parsers.AbstractSAXParser.parse(Unknown Source)
    at org.apache.xerces.jaxp.SAXParserImpl$JAXPSAXParser.parse(Unknown Source)
    at com.sun.xml.internal.bind.v2.runtime.unmarshaller.UnmarshallerImpl.unmarshal0(UnmarshallerImpl.java:243)
```


#2 - 2018-02-12 17:34 - Rob Nahf

- *Description updated*

#3 - 2018-02-12 18:53 - Rob Nahf

Stage is running 2.3.6 code. The tasks are stuck in the 'IN PROCESS' status, so try reprocessing them after 2.3.7 deployment, to see if the issue was addressed.

#4 - 2018-03-02 21:52 - Dave Vieglais

- *Sprint changed from CCI-2.4.0 to CCI-2.3.9*

#5 - 2018-03-02 21:53 - Dave Vieglais

- *Target version changed from CCI-2.3.8 to CCI-2.3.9*

#6 - 2018-03-22 16:54 - Rob Nahf

- *Target version changed from CCI-2.3.9 to CCI-2.3.10*

2.3.9 is deployed...