

Infrastructure - Bug #7867

The resource element can't be added to the solr index of an object if it is obsoletedBy

2016-08-16 23:52 - Jing Tao

Status:	Closed	Start date:	2016-08-16
Priority:	Normal	Due date:	
Assignee:	Jing Tao	% Done:	100%
Category:	d1_indexer	Estimated time:	0.00 hour
Target version:	CCI-2.3.0		
Milestone:	None	Story Points:	
Product Version:	*		
Description			
If an object was obsoleted by another object and it is aggregated in a resource map, the resource map element can't be added to the obsoletedBy object when we index the resource map. I think this is a bug. The resourceMap element should be added to the solr index of the object even though the object is obsoleted by another object.			

History

#1 - 2016-08-17 17:04 - Jing Tao

This is caused by the method `_mergeMappedReference` in the class `src/main/java/org/dataone/cn/indexer/resourcemap/ForesiteResourceMap.java` in `d1_cn_index_processor` component. In this method, it checks a condition - if the referenced object has the `obsoletedBy` element. If it does, the merge will be skipped (the `resourceMap` solr element wouldn't be added to the solr index of the referenced object).

I can imagine this is for the series id. In this scenario - a resource map "foo" aggregates series id "S". We always want to only the head pid of series chain has the resource map solr element. So we need to check. However, the code doesn't check the series id in the system metadata; instead, it checks the `obsoletedBy` element. This caused the issue.

The condition was changed to - if the object is in the series chain and the object is not the head version, the merge will be skipped.

#2 - 2016-08-17 17:54 - Jing Tao

- Status changed from New to Closed
- % Done changed from 0 to 100

The fixed code was committed to both trunk and `D1_CN_INDEX_PROCESSOR_v2.2` branch

#3 - 2016-08-18 20:50 - Jing Tao

Created the tag `D1_CN_INDEX_PROCESSOR_v2.2.1` for this fix.