

Infrastructure - Decision #6705

What behavior should be when a user request a sid when all the pids matching the sid were obsoleted

2014-12-10 20:07 - Jing Tao

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|---|-----------|------------------------|------------|
| Status: | New | Start date: | 2014-12-10 |
| Priority: | Normal | Due date: | |
| Assignee: | | % Done: | 0% |
| Category: | | Estimated time: | 0.00 hour |
| Target version: | CCI-2.0.0 | | |
| Milestone: | None | | |
| Description | | | |
| <p>Here is the definition of "current" in this page http://jenkins-1.dataone.org/jenkins/job/API%20Documentation%20-%20trunk/ws/api-documentation/build/html/design/ContentMutability.html :</p> <p>DataONE defines the latest version as "current" if the object in question has a matching SID and no value in the "obsoletedBy" field, regardless if it is "archived" or not. Consumers of the data should inspect the system metadata and/or search results to determine if the object has been explicitly archived if they are concerned about using stale data.</p> <p>We have two pids with the same sid and their system metadata looks like:</p> <pre>pid sid obsoletes obsoletedBy p1 s1 p2 p2 s1 p1</pre> <p>If we call get(s1), p2 should be returned base on the above definition.</p> <p>Now, we insert another object p3 with the update method. The p3 object has another sid - s2 and it obsoletes p2. So the system metadata will look like:</p> <pre>pid sid obsoletes obsoletedBy p1 s1 p2 p2 s1 p1 p3 p3 s2 p2</pre> <p>If we call get(s2), p3 should be returned.</p> <p>If we call get(s1), what should be returned? The p2 or the NotFound exception? Base on the above definition, I believe that the NotFound exception should be returned since there is no a pid which matches the s1 and doesn't have a value on the "obsoletedBy".</p> | | | |

History

#1 - 2014-12-10 20:08 - Jing Tao

- Tracker changed from Task to Decision
- Target version set to CCI-2.0.0