

Infrastructure - Story #7652

Enable simple metrics reporting for core services

2016-02-23 19:22 - Dave Vieglais

Status:	Closed	Start date:	2016-02-23
Priority:	Normal	Due date:	
Assignee:	Dave Vieglais	% Done:	100%
Category:	performance-scalability	Estimated time:	0.00 hour
Target version:	CCI-2.2.0		
Story Points:			
Description			
The current situation for evaluating CN performance and load is cumbersome, requiring examining logs and using jmx.			
The goal of this story is to provide high level metrics that provide an indication of the load / work being performed by four core functionalities:			
<ol style="list-style-type: none">1. Synchronization2. Replication3. Log Aggregation4. Indexing			
At a minimum, a single value should be retrievable for each. For example, the metric for synchronization might display the total number of tasks in the synchronization queue.			
In each case, the values should be written to a file on disk that can be easily accessed by metrics collections services such as check_mk and d1_service_status_report			
Subtasks:			
Task # 7653: report on synchronization service activity			Closed
Task # 7654: report on log aggregation activity			Closed
Task # 7655: report on replication activity			Closed
Task # 7656: report on the current indexing load			Closed
Task # 7815: Create Common Metrics Logging Interface for D1 Processing			Closed

Associated revisions

Revision 18025 - 2016-05-31 16:59 - Robert Waltz

refs #7652

Enable simple metric reporting for core services. Added in a log4j appender to write out a log specifically for the org.dataone.cn.log.MetricLogClientLog4JImpl class

Revision 18025 - 2016-05-31 16:59 - Robert Waltz

refs #7652

Enable simple metric reporting for core services. Added in a log4j appender to write out a log specifically for the org.dataone.cn.log.MetricLogClientLog4JImpl class

History

#1 - 2016-02-23 19:30 - Dave Vieglais

- Target version set to CCI-2.2.0

#2 - 2016-05-18 15:55 - Robert Waltz

- % Done changed from 0 to 30
- Status changed from New to In Progress

#3 - 2016-06-10 16:19 - Robert Waltz

- % Done changed from 30 to 50
- Status changed from In Progress to Testing

#4 - 2016-06-14 19:46 - Robert Waltz

- Status changed from Testing to Closed
- % Done changed from 50 to 100