

Infrastructure - Task #2349

Story # 2045 (Closed): Get the DataONE CLI ready for public release

Default algorithm "SHA-1" is not allowed.

2012-02-17 22:14 - Andrew Pippin

Status:	Closed	Start date:	2012-02-17
Priority:	Normal	Due date:	
Assignee:	Andrew Pippin	% Done:	100%
Category:	d1_client_cli	Estimated time:	1.00 hour
Target version:	Sprint-2012.11-Block.2.2	Story Points:	
Milestone:	CCI-1.0.0		
Product Version:	*		
Description			
When invoking the CLI, the system default algorithm is "SHA-1", which is no longer allowed.			

History

#1 - 2012-02-17 22:18 - Andrew Pippin

According to Roger Dahl:

This is a bug due to a change of the DataONE default hashing algorithm in `d1_common.const` from "SHA1" to "SHA-1". We used to allow both on the Python side, but changed that, as I mentioned. However, only "SHA1" is valid when creating a hashing object by name in Python.

The fix is to use a map between DataONE names for the algorithms and the Python names. I've already implemented that, but don't use it in the CLI.

#2 - 2012-02-17 23:32 - Andrew Pippin

- % Done changed from 0 to 100

Fixed by Roger ([r7053](#), [r7054](#), [r7055](#)). There is a new utility routine (`d1_common.util.get_checksum_calculator_by_dataone_designator`) to map the DataONE algorithm name to the Python algorithm name (i.e. "SHA-1" to "sha1").

#3 - 2012-02-22 02:12 - Roger Dahl

- Parent task set to #2045

#4 - 2012-02-22 04:36 - Roger Dahl

- Status changed from New to Closed