

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

<b>Status:</b>	Closed	<b>Start date:</b>	2012-02-17
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Andrew Pippin	<b>% Done:</b>	100%
<b>Category:</b>	d1_client_cli	<b>Estimated time:</b>	1.00 hour
<b>Target version:</b>	Sprint-2012.11-Block.2.2	<b>Story Points:</b>	
<b>Milestone:</b>	CCI-1.0.0		
<b>Product Version:</b>	*		
<b>Description</b>			
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