Infrastructure - Task #3113

Fix D1_CLIENT_CLI installer

2012-07-31 22:13 - Andrew Pippin

Status:	Closed		**Start date:**	2012-07-31
Priority:	Normal		**Due date:**	
Assignee:	Andrew Pippin		**% Done:**	100%
Category:	d1_client_cli		**Estimated time:**	0.00 hour
Target version:				
Milestone:	None		**Story Points:**	
Product Version:	*			

Description

The Python installer fails when attempting to install the Python Command-line client.

It needs to work on:

Op. Sys.	Required	Optional	Notes
Ubuntu	@10.04.4@, @12.04@		@10.04@ uses Python 2.6, @12.04@ uses Python 2.7
MacOS	@10.6@, @10.7@	@10.8@	@10.8@ uses Python 2.7
Windows	@7@	@8@	Requires binary @rdflib@ available in Subversion.

Complete: Ubuntu 10.04.4, Ubuntu 12.04, MacOS 10.8, Windows 8

Related issues:

Related to Infrastructure - Task #3114: Release D1_CLIENT_CLI and prepare for...	**In Progress**	**2012-08-02**

History

#1 - 2012-07-31 22:18 - Andrew Pippin

Linux (@10.04.4@ and @12.04@) verified to be working.

Ubuntu 10.04.4 - Steps *(all done as root)*
    @# apt-get update; apt-get install python2.6-dev python-setuptools libxml2-dev libxslt-dev@
    @# easy_install DataONE_CommandLine@

Ubuntu 12.04 - Steps *(all done as root)*
    @# apt-get update; apt-get install python2.7-dev python-setuptools libxml2-dev libxslt-dev@
    @# easy_install DataONE_CommandLine@

#2 - 2012-08-01 00:39 - Andrew Pippin

Installed on Mac

As usual, *lxml* is the problem child. It requires the libxml2 and libxslt development libraries. The example given below came from
http://lxml.de/installation.html.

Mountain Lion (MacOS 10.8) - Steps
    @$ sudo env STATIC_DEPS=true easy_install --allow-hosts=lxml.de,*.python.org lxml==2.3.4@
    @$ sudo easy_install DataONE_CommandLine@

#3 - 2012-08-01 18:56 - Andrew Pippin

Installed on Windows

All packages must have a binary distribution. I could not find a binary package of RDFLib 2.4.2, as a result, I compiled it myself and put it in Subversion. This should be moved to the public distribution machine when that becomes available.

Preparation:
   Installed Python 2.7.3 from http://www.python.org/download/releases/2.7.3/
   Installed @easy_install@ from http://pypi.python.org/packages/2.7/s/setuptools/setuptools-0.6c11.win32-py2.7.exe

Windows 8 (Windows 6.2 - build 8400) - Steps
   @C:> easy_install "https://repository.dataone.org/software/python_products/d1_cli/rdflib-2.4.2-py2.7-win32.egg"@
   @C:> easy_install DataONE_CommandLine@

May need to manually install @lxml@ as well:
   @C:> easy_install lxml==2.2.8@

#4 - 2012-08-01 23:03 - Andrew Pippin

Installed on Mac

Same steps as above.

Snow Leopard (MacOS 10.6) - Steps
   @$ sudo env STATIC_DEPS=true easy_install --allow-hosts=lxml.de,*.python.org lxml==2.2.8@
   @$ sudo easy_install DataONE_CommandLine@

#5 - 2012-08-02 02:52 - Andrew Pippin

- Assignee set to Andrew Pippin

- Category set to d1_client_cli

Assigning to myself.

#6 - 2012-08-02 03:38 - Andrew Pippin

Installed on windows 7 and MacOS 10.7 using the same steps as above.

This completes the matrix.

#7 - 2012-08-02 17:18 - Andrew Pippin

- Status changed from New to Closed

The command line CLI now deploys with minimal effort; only requiring a single preparatory command on Ubuntu (10.04 and 12.04), MacOS (10.6, 10.7, and 10.8), and Windows (7, 8DP).