

Arvados - Bug #16151

Python SDK dependency rule sabotages tests

02/13/2020 03:12 PM - Tom Clegg

Status:	Resolved	Start date:	
Priority:	Normal	Due date:	
Assigned To:	Peter Amstutz	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	2020-03-11 Sprint		
Description			
<p>source: sdk/cwl and other arvados packages that import the python SDK have a dynamic dependency rule in setup.py (when not building a released package like 1.4.3), <code>arvados-python-client <= V</code> where V is the prerelease version of the <i>importing</i> package, corresponding to the latest commit in that package.</p> <p>Meanwhile, run-tests uses the following approach:</p> <ul style="list-style-type: none">• install the current python sdk to virtualenv• install the other python packages (and their dependencies) to virtualenv• now that all dependencies are installed, test all python packages <p>The desired result is that the latest versions of all python packages are tested with the latest python SDK.</p> <p>When the importing package is newer than the python SDK, it works:</p> <ul style="list-style-type: none">• install sdk/python, 1.5.0.dev20200212153748• install sdk/cwl, requires arvados-python-client <= 1.5.0.dev20200213025007, already satisfied <p>When the python SDK is newer than the importing package, it breaks:</p> <ul style="list-style-type: none">• install sdk/python, 1.5.0.dev20200212153748• install sdk/cwl, requires arvados-python-client <= 1.5.0.dev20200123220959, not satisfied by the installed version 1.5.0.dev20200212153748, so pip downgrades to the latest qualifying version from pypi, which is 1.4.3• sdk/cwl, sdk/pam, tools/crunchstat-summary test suites run with python sdk 1.4.3, instead of the current version			

Associated revisions

Revision 41a79db7 - 02/27/2020 06:57 PM - Peter Amstutz

Nodemanager and crunchstat-summary sync with pysdk version

refs #16151

Arvados-DCO-1.1-Signed-off-by: Peter Amstutz <peter.amstutz@curii.com>

Revision 318a73e6 - 02/27/2020 08:47 PM - Peter Amstutz

Merge branch '16177-trust-all-content'

refs #16177

refs #16151

Arvados-DCO-1.1-Signed-off-by: Peter Amstutz <peter.amstutz@curii.com>

Revision 7658be24 - 03/03/2020 02:20 PM - Peter Amstutz

Nodemanager and crunchstat-summary sync with pysdk version

refs #16151

Arvados-DCO-1.1-Signed-off-by: Peter Amstutz <peter.amstutz@curii.com>

History

#1 - 02/27/2020 06:42 PM - Peter Amstutz

- Target version set to 2020-03-11 Sprint

- *Assigned To set to Peter Amstutz*

#2 - 02/27/2020 09:48 PM - Peter Amstutz

- *Status changed from New to Resolved*

#3 - 03/03/2020 02:28 PM - Peter Amstutz

- *Release set to 29*