Arvados - Feature #14853
Merge chapmanb py3k-subprocess32 pull request
02/15/2019 03:03 PM - Eric Biagiotti

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
<th>Start date:</th>
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<td>Priority:</td>
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<tr>
<td>Assigned To:</td>
<td>Eric Biagiotti</td>
<td>% Done:</td>
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<td>Category:</td>
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<td>Target version:</td>
<td>2019-02-27 Sprint</td>
<td>Estimated time:</td>
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Description

Associated revisions
Revision 9f57bcbca - 02/21/2019 03:04 PM - Eric Biagiotti
Merge branch '14853-chapmanb-subprocess-merge'
refs #14853
Arvados-DCO-1.1-Signed-off-by: Eric Biagiotti <ebiagiotti@veritasgenetics.com>

History
#1 - 02/15/2019 08:04 PM - Eric Biagiotti
Added os.name check to the import in d71e2117


Unfortunately, packaging fails for centos7, debian8, and ubuntu1404. The setup fails because of the extra_require. Apparently its a setuptools issue.

#2 - 02/15/2019 08:13 PM - Eric Biagiotti
Example centos7 output. Similar for other environments where its not working:

Building rpm package for arvados-python-client from sdk/python
Creating virtualenv...
DEPRECATION: Python 2.7 will reach the end of its life on January 1st, 2020. Please upgrade your Python as Python 2.7 won't be maintained after that date. A future version of pip will drop support for Python 2.7.
DEPRECATION: Python 2.7 will reach the end of its life on January 1st, 2020. Please upgrade your Python as Python 2.7 won't be maintained after that date. A future version of pip will drop support for Python 2.7.
Command "python setup.py egg_info" failed with error code 1 in /tmp/pip-req-build-XZSO8B/
Error, unable to run build/usr/share/python2.7/dist/python-arvados-python-client/bin/pip install -q arvados-python-client-1.3.0.20190215162809.tar.gz
ERROR: build packages on arvados/build:centos7 failed with exit status 1

#3 - 02/15/2019 09:21 PM - Eric Biagiotti
Centos7 example doesn't include the following from 1404:

erorr in arvados-python-client setup command: Invalid environment marker: os.name="posix" and python_version<"3"
Error, unable to run python setup.py sdist for arvados-python-client

#4 - 02/19/2019 03:49 PM - Ward Vandewege
I've pushed 28209cbb68aaa3bcbff2832ca739d6c1ed89f4d3fd on this branch to fix the package build on centos7, debian8 and ubuntu1404.

#5 - 02/19/2019 07:28 PM - Eric Biagiotti
eric@ubuntu:~/projects/arvados$ WORKSPACE=~/projects/arvados ./build/run-build-test-packages-one-target.sh --target ubuntu1404

  Strt build packages ****

  ~/projects/arvados/build/package-build-dockerfiles ~/projects/arvados
wget -cQ common-generated/go1.10.1.linux-amd64.tar.gz http://storage.googleapis.com/golang/go1.10.1.linux-amd64.tar.gz
wget -cQ common-generated/node-v6.11.2-linux-x64.tar.xz https://nodejs.org/dist/v6.11.2/node-v6.11.2-linux-x64.tar.xz
wget -cQ common-generated/mpapis.asc https://rvm.io/mpapis.asc
wget -OQ common-generated/pkuczynski.asc https://rvm.io/pkuczynski.asc

test -d ubuntu1404/generated || mkdir ubuntu1404/generated
cp -rt ubuntu1404/generated common-generated/

ubuntu1404

Sending build context to Docker daemon 129.2MB

Step 1/16 : FROM ubuntu:trusty

---> 5dbc3f318ea5

Step 2/16 : MAINTAINER Ward Vandewege <ward@curoverse.com>

---> Using cache

---> 2199e783855a

Step 3/16 : ENV DEBIAN_FRONTEND noninteractive

---> Using cache

---> 9045c658656

Step 5/16 : RUN /usr/bin/pip install virtualenv

---> Using cache

---> 48355e95ab96

Step 6/16 : ADD generated/mpapis.asc /tmp/

---> Using cache

---> e803669d81c

Step 7/16 : ADD generated/pkuczynski.asc /tmp/

---> Using cache

---> b77c5515bb38


---> Using cache

---> fcc872ba7bb5

Step 9/16 : ADD generated/go1.10.1.linux-amd64.tar.gz /usr/local/

---> Using cache

---> 034c372b09c

Step 10/16 : RUN ln -s /usr/local/go/bin/go /usr/local/bin/

---> Using cache

---> 301fdc5911ac

Step 11/16 : ADD generated/node-v6.11.2-linux-x64.tar.gz /usr/local/

---> Using cache

---> 447ece390499

Step 12/16 : RUN ln -s /usr/local/node-v6.11.2-linux-x64/bin/* /usr/local/bin/

---> Using cache

---> 88f857e41e

Step 13/16 : RUN pip install --upgrade setuptools

---> Using cache

---> dcc8599df0ab


---> Using cache

---> f69add8ad9f8

Step 15/16 : ENV WORKSPACE /arvados

---> Using cache

---> bfe09a0daa95a

Step 16/16 : CMD ["/usr/local/rvm/bin/rvm-exec", "default", "bash", "/jenkins/run-build-packages.sh", "--target", "ubuntu1404"]

---> Using cache

---> 1e2e1fdd8b51

Successfully built arvados/build:ubuntu1404

real 0m0.993s
user 0m0.136s
sys 0m0.167s

~/projects/arvados

START: build packages on arvados/build:ubuntu1404

Package libarvados-perl_1.3.0.20190219154724-1_amd64.deb not found, building
Warning: prerequisite JSON 0 not found.
Warning: prerequisite LWP 0 not found.
Warning: prerequisite Net::SSL 0 not found.

Package arvados-src_1.3.0.20190219154724-1_all.deb not found, building

Package arvados-client_1.3.0.20190212191710-1_amd64.deb not found, building

Package arvados-server_1.3.0.20190212191710-1_amd64.deb not found, building

Package arvados-controller_1.3.0.20190212191710-1_amd64.deb not found, building

Package crunchrunner_1.3.0.20190212191710-1_amd64.deb not found, building
Creating package...

InsecurePlatformWarning
certain SSL connections to fail. You can upgrade to a newer version of Python to solve this. For more information, see

50: InsecurePlatformWarning: A true SSLContext object is not available. This prevents urllib3 from configuring SSL appropriately and may cause
certain SSL connections to fail. You can upgrade to a newer version of Python to solve this. For more information, see

SNIMissingWarning
This may cause the server to present an incorrect TLS certificate, which can cause validation failures. You can upgrade to a newer version of Python

54: SNIMissingWarning: An HTTPS request has been made, but the SNI (Server Name Indication) extension to TLS is not available on this platform. This
may cause the server to present an incorrect TLS certificate, which can cause validation failures. You can upgrade to a newer version of Python

DEPRECATION: Python 2.7 will reach the end of its life on January 1st, 2020. Please upgrade your Python as Python 2.7 won't be maintained after
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Building deb package for arvados-python-client from sdk/python

Creating package...

Loading fpm overrides from /arvados/sdk/python/fpm-info.sh

pytho-arvados-python-client_1.3.0.20190215162809-1_amd64.deb not found, building
Building deb package for arvados-python-client from sdk/python

Creating virtualenv...
error in arvados-python-client setup command: Invalid environment marker: os.name="posix" and python_version<"3"
Error, unable to run python setup.py sdist for arvados-python-client
ERROR: build packages on arvados/build:ubuntu1404 failed with exit status 1

- !!!!! build packages FAILED !!!!! ****
- End of build packages (140s) ****
- Start test packages ****

Skipping package upload, there were errors building the packages

- End of test packages (0s) ****

Pass: test packages (0s)
Failures (1):
Fail: build packages (140s)

#6 - 02/20/2019 10:43 PM - Ward Vandewege
I've pushed a fix in c9f9b4c4f659e801b059a006ce46e3849926f71, have a look?

#7 - 02/21/2019 04:26 PM - Eric Biagiotti
- Status changed from In Progress to Resolved

#8 - 03/01/2019 07:34 PM - Tom Morris
- Release set to 15