

Debian Support - Issue #7153

package import for same package and different version stores under different paths,

07/16/2020 12:50 PM - mntzn

| | | | |
|---------------------------------|-------------------------|--------------------------|-----------|
| Status: | CLOSED - CURRENTRELEASE | Start date: | |
| Priority: | High | Due date: | |
| Assignee: | | Estimated time: | 0:00 hour |
| Category: | | Groomed: | No |
| Sprint/Milestone: | 2.6.0b1 | Sprint Candidate: | No |
| Severity: | 2. Medium | Tags: | |
| Version - Debian: | | Sprint: | |
| Platform Release: | | Quarter: | |
| Target Release - Debian: | | | |
| OS: | | | |
| Triaged: | No | | |

Description

steps to reproduce:

1. reqs export URL=\$your_pulp_fqdn export REPO_NAME=buster-releases wget http://ftp.de.debian.org/debian/pool/main/j/jq/jq_1.5+dfsg-2+b1_amd64.deb wget http://ftp.de.debian.org/debian/pool/main/j/jq/jq_1.6-1_amd64.deb
2. create repo export REPO=\$(http \${URL}/pulp/api/v3/repositories/deb/apt/ name=\${REPO_NAME} | jq -r '.pulp_href')
3. create content from file http --form POST \${URL}/pulp/api/v3/content/deb/packages/ file@jq_1.5+dfsg-2+b1_amd64.deb repository=\${REPO}
4. create publication http POST \${URL}/pulp/api/v3/publications/deb/apt/ repository=\${REPO} simple=true export PUB=\$pulp_href_from_task_above
5. host publication (create distribution) http POST \${URL}/pulp/api/v3/distributions/deb/apt/ name=\${REPO_NAME} base_path=\${REPO_NAME} publication=\${PUB} export DISTR=\$pulp_href_from_task_above
6. add same package different version http --form POST \${URL}/pulp/api/v3/content/deb/packages/ file@jq_1.6-1_amd64.deb repository=\${REPO}
7. add publication from latest \$REPO http POST \${URL}/pulp/api/v3/publications/deb/apt/ repository=\${REPO} simple=true export PUB=\$pulp_href_from_task_above

http PUT \${URL}\${DISTR} name=\${REPO_NAME} base_path=\${REPO_NAME} publication=\${PUB}

Expected result: both .debs are stored under single directory in \${URL}/pulp/content/buster-releases/pool/all/j/jq, similar to what official debian repos do, i.e: <http://ftp.de.debian.org/debian/pool/main/j/jq/>

Actual Result: package with same name stored in different paths. i.e: jq (1.5+dfsg-2)/ jq/

Additionally, when trying to download .deb for "jq (1.5+dfsg-2)", pulp throws 500 with following exception:

```
Jul 16 06:27:21 FQDN gunicorn[10752]: [2020-07-16 06:27:21 +0000] [10759] [ERROR] Error handling request
Jul 16 06:27:21 FQDN gunicorn[10752]: Traceback (most recent call last):
Jul 16 06:27:21 FQDN gunicorn[10752]:   File "/usr/local/lib/pulp/lib/python3.7/site-packages/pulp/core/content/handler.py", line 365, in _match_and_stream
Jul 16 06:27:21 FQDN gunicorn[10752]:     publication.published_artifact.get(relative_path=index_path)
Jul 16 06:27:21 FQDN gunicorn[10752]:   File "/usr/local/lib/pulp/lib/python3.7/site-packages/django/db/models/manager.py", line 82, in manager_method
```

```
Jul 16 06:27:21 FQDN gunicorn[10752]: return getattr(self.get_queryset(), name)(*args, **kwargs)
Jul 16 06:27:21 FQDN gunicorn[10752]: File "/usr/local/lib/pulp/lib/python3.7/site-packages/django/db/models/query.py", line 408, in get
Jul 16 06:27:21 FQDN gunicorn[10752]: self.model._meta.object_name
Jul 16 06:27:21 FQDN gunicorn[10752]: pulpcore.app.models.publication.PublishedArtifact.DoesNotExist: PublishedArtifact matching query does not exist.
Jul 16 06:27:21 FQDN gunicorn[10752]: During handling of the above exception, another exception occurred:
Jul 16 06:27:21 FQDN gunicorn[10752]: Traceback (most recent call last):
Jul 16 06:27:21 FQDN gunicorn[10752]: File "/usr/local/lib/pulp/lib/python3.7/site-packages/aiohttp/web_protocol.py", line 418, in start
Jul 16 06:27:21 FQDN gunicorn[10752]: resp = await task
Jul 16 06:27:21 FQDN gunicorn[10752]: File "/usr/local/lib/pulp/lib/python3.7/site-packages/aiohttp/web_app.py", line 458, in _handle
Jul 16 06:27:21 FQDN gunicorn[10752]: resp = await handler(request)
Jul 16 06:27:21 FQDN gunicorn[10752]: File "/usr/local/lib/pulp/lib/python3.7/site-packages/pulpcore/content/handler.py", line 137, in stream_content
Jul 16 06:27:21 FQDN gunicorn[10752]: return await self._match_and_stream(path, request)
Jul 16 06:27:21 FQDN gunicorn[10752]: File "/usr/local/lib/pulp/lib/python3.7/site-packages/pulpcore/content/handler.py", line 369, in _match_and_stream
Jul 16 06:27:21 FQDN gunicorn[10752]: dir_list = await self.list_directory(None, publication, rel_path)
Jul 16 06:27:21 FQDN gunicorn[10752]: File "/usr/local/lib/pulp/lib/python3.7/site-packages/pulpcore/content/handler.py", line 291, in list_directory
Jul 16 06:27:21 FQDN gunicorn[10752]: directory_list.add(file_or_directory_name(path, parent_relative_path))
Jul 16 06:27:21 FQDN gunicorn[10752]: File "/usr/local/lib/pulp/lib/python3.7/site-packages/pulpcore/content/handler.py", line 284, in file_or_directory_name
Jul 16 06:27:21 FQDN gunicorn[10752]: return "{}{}".format(result.groups()[1], result.groups()[2])
Jul 16 06:27:21 FQDN gunicorn[10752]: AttributeError: 'NoneType' object has no attribute 'groups'

Running: "component": "pulpcore", "version": "3.5.0" "component": "pulp_deb", "version": "2.5.0b1.dev0"
```

Associated revisions

Revision 0a827266 - 08/11/2020 02:41 PM - msinghal

Fix relative path of packages

fixes #7153 <https://pulp.plan.io/issues/7153>

History

#1 - 07/16/2020 12:51 PM - mntzn

sorry formatting got all messed up, same contents as above on pastebin: <https://pastebin.com/raw/aR47ZCyH>

#2 - 07/16/2020 12:57 PM - ttereshc

- Description updated

#3 - 07/27/2020 06:54 PM - quba42

- Sprint/Milestone set to Katello

#4 - 07/30/2020 09:50 AM - quba42

- Priority changed from Normal to High

#5 - 08/11/2020 11:36 AM - pulpbot

- Status changed from NEW to POST

PR: https://github.com/pulp/pulp_deb/pull/197

#6 - 08/11/2020 01:31 PM - quba42

Note that the following policy document describes the root cause of this issue exactly:

<https://www.debian.org/doc/debian-policy/ch-controlfields.html#s-f-source>

#7 - 08/12/2020 09:23 AM - msinghal

- Status changed from POST to MODIFIED

Applied in changeset [0a827266f288d9587bfbf241d5b684d4a05537bd](#).

#8 - 09/01/2020 10:41 PM - quba42

- Sprint/Milestone changed from Katello to 2.6.0b1

#9 - 03/30/2021 11:08 AM - quba42

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE