

Debian Support - Issue #7236

Sync fails if packages do not have a 'section' field

07/29/2020 03:56 PM - quba42

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

The following remote can be used to reproduce this:

```
http post :/pulp/api/v3/remotes/deb/apt/ name=mongo_debian_remote distributions="buster/mongodb-org/4.4" url="http://repo.mongodb.org/apt/debian/"
```

The traceback:

```
Traceback (most recent call last):
  File "/usr/local/lib/pulp/lib64/python3.8/site-packages/rq/worker.py", line 934, in perform_job
    rv = job.perform()
  File "/usr/local/lib/pulp/lib64/python3.8/site-packages/rq/job.py", line 686, in perform
    self._result = self._execute()
  File "/usr/local/lib/pulp/lib64/python3.8/site-packages/rq/job.py", line 692, in _execute
    return self.func(*self.args, **self.kwargs)
  File "/home/vagrant/devel/pulp_deb/pulp_deb/app/tasks/synchronizing.py", line 106, in synchronize
    DebDeclarativeVersion(first_stage, repository, mirror=mirror).create()
  File "/home/vagrant/devel/pulpcore/pulpcore/plugin/stages/declarative_version.py", line 148, in create
    loop.run_until_complete(pipeline)
  File "/usr/lib64/python3.8/asyncio/base_events.py", line 616, in run_until_complete
    return future.result()
  File "/home/vagrant/devel/pulpcore/pulpcore/plugin/stages/api.py", line 225, in create_pipeline
    await asyncio.gather(*futures)
  File "/home/vagrant/devel/pulpcore/pulpcore/plugin/stages/api.py", line 43, in __call__
    await self.run()
  File "/home/vagrant/devel/pulp_deb/pulp_deb/app/tasks/synchronizing.py", line 388, in run
    await asyncio.gather(
  File "/home/vagrant/devel/pulp_deb/pulp_deb/app/tasks/synchronizing.py", line 442, in _handle_distribution
    await asyncio.gather(
  File "/home/vagrant/devel/pulp_deb/pulp_deb/app/tasks/synchronizing.py", line 496, in _handle_component
    await asyncio.gather(*pending_tasks)
  File "/home/vagrant/devel/pulp_deb/pulp_deb/app/tasks/synchronizing.py", line 542, in _handle_package_index
    serializer.is_valid(raise_exception=True)
  File "/usr/local/lib/pulp/lib64/python3.8/site-packages/rest_framework/serializers.py", line 243, in is_valid
    raise ValidationError(self.errors)
rest_framework.exceptions.ValidationError: {'section': [ErrorDetail(string='This field is required.', code='required')], 'priority': [ErrorDetail(string='This field is required.', code='required')]}
```

]]

It looks like there are packages without a section field which is declared as "required" by pulp_deb.

Debian only recommends (but does not require) this field (for both source and binary packages):
<https://www.debian.org/doc/debian-policy/ch-controlfields.html>

If follows the plugin should not require it either.

We may want to take this opportunity to check for other falsely required fields.

Related issues:

Related to Debian Support - Issue #7190: Pulp 3 - pulp-deb : APT client insta...	CLOSED - CURRENTRELEASE
Related to Debian Support - Issue #7257: Many pulp_deb control file fields ar...	CLOSED - CURRENTRELEASE
Related to Debian Support - Test #7279: Add a test that uploads a "minimal" D...	NEW

Associated revisions

Revision e6ef3856 - 08/04/2020 01:53 PM - msinghal

Change required status of package fields.

fixes #7236 <https://pulp.plan.io/issues/7236>

History

#1 - 07/29/2020 03:57 PM - quba42

- Sprint/Milestone set to Katello

#2 - 08/04/2020 08:57 AM - quba42

- Checklist item [] Ensure exactly those control file fields are mandatory, that officially are so. added

#3 - 08/04/2020 09:05 AM - quba42

- Related to Issue #7190: Pulp 3 - pulp-deb : APT client installing same patches again and again (field Multi-Arch) added

#4 - 08/04/2020 09:06 AM - quba42

- Related to Issue #7257: Many pulp_deb control file fields are limited to 255 characters but should not be added

#5 - 08/04/2020 09:37 AM - quba42

The Debian policy manual includes a clear list of what is and isn't required: <https://www.debian.org/doc/debian-policy/ch-controlfields.html>

#6 - 08/04/2020 01:56 PM - pulpbot

- Status changed from NEW to POST

PR: https://github.com/pulp/pulp_deb/pull/196

#7 - 08/05/2020 04:16 PM - quba42

- Related to Test #7279: Add a test that uploads a "minimal" Debian package. added

#8 - 08/05/2020 04:18 PM - msinghal

- Status changed from POST to MODIFIED

Applied in changeset [e6ef38563b03441d6b83ff5d126f7e2d964b9890](https://pulp.plan.io/changesets/details/e6ef38563b03441d6b83ff5d126f7e2d964b9890).

#9 - 09/01/2020 10:39 PM - quba42

- Sprint/Milestone changed from Katello to 2.6.0b1

#10 - 03/30/2021 11:07 AM - quba42

- Status changed from MODIFIED to CLOSED - DUPLICATE

<https://pulp.plan.io/issues/7355>

#11 - 03/30/2021 11:07 AM - quba42

- Status changed from CLOSED - DUPLICATE to CLOSED - CURRENTRELEASE