

RPM Support - Issue #7284

RPM Copy API copies all content when config content is []

08/06/2020 01:31 AM - iballou

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:		Estimated time:	0:00 hour
Category:		Groomed:	No
Sprint/Milestone:	3.5.1	Sprint Candidate:	No
Severity:	3. High	Tags:	Katello
Version:		Sprint:	Sprint 79
Platform Release:		Quarter:	
OS:			
Triaged:	Yes		

Description

In my Katello code, I empty out a Pulp 3 repo and then call the RPM copy API to copy content back into it. I had one situation where the content to be copied back into the repo was empty because everything was filtered out. The result was that all the repo's content was copied from the source repo version to the destination repo. More details below:

```
data2 = PulpRpmClient::Copy.new
```

```
data2.config = [{:source_repo_version=>"/pulp/api/v3/repositories/rpm/rpm/9f5d9709-bf3c-4d6a-90de-98d239769919/versions/1/", :dest_repo=>"/pulp/api/v3/repositories/rpm/rpm/859d5b2d-bf70-4208-9580-662d97488ad1/", :content=>[]}]
```

```
data2.dependency_solving = false
```

```
api.copy_api.copy_content(data2)
```

Original repo version, emptied out:

```
data2 = PulpRpmClient::Copy.new
```

```
data2.config = [{:source_repo_version=>"/pulp/api/v3/repositories/rpm/rpm/9f5d9709-bf3c-4d6a-90de-98d239769919/versions/1/", :dest_repo=>"/pulp/api/v3/repositories/rpm/rpm/859d5b2d-bf70-4208-9580-662d97488ad1/", :content=>[]}]
```

```
data2.dependency_solving = false
```

Repo version after the empty copy call:

```
Version after empty copy:
```

```
{
  "pulp_href": "/pulp/api/v3/repositories/rpm/rpm/859d5b2d-bf70-4208-9580-662d97488ad1/versions/3/",
  "pulp_created": "2020-08-05T23:19:08.130503Z",
  "number": 3,
  "base_version": null,
  "content_summary": {
    "added": {
      "rpm.package": {
        "count": 2,
        "href": "/pulp/api/v3/content/rpm/packages/?repository_version_added=/pulp/api/v3/repositories/rpm/rpm/859d5b2d-bf70-4208-9580-662d97488ad1/versions/3/"
      }
    }
  }
}
```

```
    }
  },
  "removed": {},
  "present": {
    "rpm.package": {
      "count": 2,
      "href": "/pulp/api/v3/content/rpm/packages/?repository_version=/pulp/api/v3/repositories/r
pm/rpm/859d5b2d-bf70-4208-9580-662d97488ad1/versions/3/"
    }
  }
}
```

Is this intentional? I'm assuming not, since if I need to do dep solving I will need those other repositories to be present in the data config section.

Tested on pulp-rpm 3.4.1 and 3.5.0.

Associated revisions

Revision 98a5d449 - 08/07/2020 10:20 PM - ggaaney

Fixed copy to check for empty-content correctly.

Added test_copy_none to suite of copy-tests.

fixes #7284 [nocoverage]

Revision 530485e2 - 08/10/2020 06:45 PM - ggaaney

Fixed copy to check for empty-content correctly.

Added test_copy_none to suite of copy-tests.

fixes #7284 [nocoverage]

(cherry picked from commit 98a5d449269e8fd924811a27830fbe78ac0d1d0a)

History

#1 - 08/06/2020 05:24 PM - ttereshc

- Triaged changed from No to Yes

- Sprint set to Sprint 78

#2 - 08/06/2020 07:08 PM - ggaaney

Possible patch to solve the problem: <https://gist.github.com/daviddavis/9d2b950746b44e23e2a91e232d5e9bb4>

#3 - 08/06/2020 07:10 PM - iballou

I tested the patch and it works!

#4 - 08/07/2020 04:34 PM - rchan

- Sprint changed from Sprint 78 to Sprint 79

#5 - 08/07/2020 10:20 PM - pulpbot

- Status changed from *NEW* to *POST*

PR: https://github.com/pulp/pulp_rpm/pull/1804

#6 - 08/10/2020 03:53 PM - ggainey

- Status changed from *POST* to *MODIFIED*

Applied in changeset [98a5d449269e8fd924811a27830fbe78ac0d1d0a](#).

#7 - 08/11/2020 08:13 PM - ttereshc

- *Sprint/Milestone* set to 3.5.1

#8 - 08/12/2020 04:55 PM - pulpbot

- Status changed from *MODIFIED* to *CLOSED - CURRENTRELEASE*