

Docker Support - Issue #3462

Pulp produces incorrect crane json for removed tags

03/13/2018 03:31 PM - jluza

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:	amacdona@redhat.com	Estimated time:	0:00 hour
Category:		Groomed:	No
Sprint/Milestone:		Sprint Candidate:	No
Severity:	2. Medium	Tags:	Pulp 2
Version - Docker:		Sprint:	Sprint 35
Platform Release:	2.16.1	Quarter:	
Target Release - Docker:	master		
OS:			
Triaged:	Yes		

Description

Reproducer:

```
#create repo
```

```
pulp-admin docker repo create --repo-id reproducer-repo --feed https://osbs-pulp-stage.host.prod.eng.rdu2.redhat.com:8888/  
--upstream-name twaugh/rsyslog
```

```
#Sync repo with schema 2 content with more then 1 tag
```

```
pulp-admin docker repo sync run --repo-id <some_repo_id>
```

```
1. check for synced tags
```

```
pulp-admin docker repo search tag --repo-id reproducer-repo
```

```
1. remove one tag by name
```

```
pulp-admin docker repo remove tag --repo-id reproducer-repo --match 'name=<tag>'
```

```
#make sure only selected tag was removed
```

```
#publish the repo
```

```
pulp-admin docker repo publish run --repo-id reproducer-repo
```

```
#on pulp server
```

```
cat /var/lib/pulp/published/docker/v2/master/reproducer-repo/*/reproducer-repo.json | python -m json.tool
```

And in output you can see that removed tag is still in

```
"manifest_list_amd64_tags"
```

Tag is also pullable via "docker pull"

however tag is not present in

```
$ cat /var/lib/pulp/published/docker/v2/master/reproducer-repo/*/tags/list | python -m json.tool
```

neither is in published manifests

Pulp docker version: pulp-docker-plugins-3.1.1-2

Associated revisions

Revision c82bfc56 - 04/10/2018 09:03 PM - amacdona@redhat.com

Delete tags when unassociated from repository

Each tag exists in only a single repository, so when they are removed, they are automatically orphaned. By cleaning them up when they are removed, we solve a problem in which orphaned tags were erroneously published.

fixes #3462

<https://pulp.plan.io/issues/3462>

Revision c82bfc56 - 04/10/2018 09:03 PM - amacdona@redhat.com

Delete tags when unassociated from repository

Each tag exists in only a single repository, so when they are removed, they are automatically orphaned. By cleaning them up when they are removed, we solve a problem in which orphaned tags were erroneously published.

fixes #3462

<https://pulp.plan.io/issues/3462>

Revision c82bfc56 - 04/10/2018 09:03 PM - amacdona@redhat.com

Delete tags when unassociated from repository

Each tag exists in only a single repository, so when they are removed, they are automatically orphaned. By cleaning them up when they are removed, we solve a problem in which orphaned tags were erroneously published.

fixes #3462

<https://pulp.plan.io/issues/3462>

Revision c82bfc56 - 04/10/2018 09:03 PM - amacdona@redhat.com

Delete tags when unassociated from repository

Each tag exists in only a single repository, so when they are removed, they are automatically orphaned. By cleaning them up when they are removed, we solve a problem in which orphaned tags were erroneously published.

fixes #3462

<https://pulp.plan.io/issues/3462>

Revision 847264e2 - 04/20/2018 08:59 PM - amacdona@redhat.com

Delete tags when unassociated from repository

Each tag exists in only a single repository, so when they are removed, they are automatically orphaned. By cleaning them up when they are removed, we solve a problem in which orphaned tags were erroneously published.

fixes #3462

<https://pulp.plan.io/issues/3462> (cherry picked from commit c82bfc562dcab2fbbd23f1bcc29f3c4e595f1fea)

Revision 847264e2 - 04/20/2018 08:59 PM - amacdona@redhat.com

Delete tags when unassociated from repository

Each tag exists in only a single repository, so when they are removed, they are automatically orphaned. By cleaning them up when they are removed, we solve a problem in which orphaned tags were erroneously published.

fixes #3462

<https://pulp.plan.io/issues/3462> (cherry picked from commit c82bfc562dcab2fbbd23f1bcc29f3c4e595f1fea)

History

#1 - 03/13/2018 04:03 PM - dalley

- Triaged changed from No to Yes
- Sprint set to Sprint 34

#2 - 03/22/2018 04:19 PM - ipanova@redhat.com

Whenever we remove a manifest/manifest list we automatically also purge the tags associated to that manifest/manifest list in the repository. We don't want to leave tags that reference manifest/manifest list that no longer exist.

Besides the unassociation from the repo we also completely remove record from DB

https://github.com/pulp/pulp_docker/blob/master/plugins/pulp_docker/plugins/importers/importer.py#L552

This^ is not called during regular unassociate_by_criteria() call when we perform single tag removal.

(Calls go into the platform and there is just unassociate call, the delete() is not performed, like in case of manifest/manifest list removal)

Further when these lines are hit https://github.com/pulp/pulp_docker/blob/master/plugins/pulp_docker/plugins/distributors/publish_steps.py#L259

We cannot really say by this call if the tag is actually in the repo. It might be in the repo, or it can be an orphan.

(12:37:44 PM) ipanova: i wonder why there was not added in docker plugin remove_units() for Tag

(12:38:13 PM) ipanova: we'd whether need to subclass tag removal in docker so after tag removal it would call delete()

(12:38:37 PM) ipanova: or in the place you pointed /publish_steps.py#L259 we'd need to check if they are in the repo or orphaned

#3 - 04/10/2018 04:31 PM - amacdona@redhat.com

- Status changed from NEW to ASSIGNED
- Assignee set to amacdona@redhat.com

#4 - 04/10/2018 05:17 PM - ipanova@redhat.com

- Sprint changed from Sprint 34 to Sprint 35

#5 - 04/10/2018 08:11 PM - amacdona@redhat.com

- File tag-orphan-remove.py added
- File tag-orphan-test.sh added

I've created a pseudo-integration-test-bash-hack for TDD.

Before starting on the work, here's the output:

```
(pulp) [vagrant@pulp2 pulp]$ ./tag-orphan-test.sh
-----+
                Synchronizing Repository [busybox]
-----+

This command may be exited via ctrl+c without affecting the request.

Downloading manifests
[-]
^C+-----+
                Publishing Repository [busybox]
-----+

This command may be exited via ctrl+c without affecting the request.

[/]
[!]
Waiting to begin...

Task Succeeded

Present. should be present with expected behavior
{
  "  Present (1 tag)": [
    "sha256:186694df7e479d2b8bf075d9e1b1d7a884c6de60470006d572350573bfa6dcd2",
    2
  ]
}

This command may be exited via ctrl+c without affecting the request.

[\\]
Running...

Units Removed:
 1
 1

Present. tags removed. sanity check, should still be present until republish
{
  "  Present (1 tag)": [
    "sha256:186694df7e479d2b8bf075d9e1b1d7a884c6de60470006d572350573bfa6dcd2",
    2
  ]
}
-----+
                Publishing Repository [busybox]
-----+

This command may be exited via ctrl+c without affecting the request.

Task Succeeded

Present. publish. should (not?) be gone (after fix)... maybe
{
  "  Present (1 tag)": [
    "sha256:186694df7e479d2b8bf075d9e1b1d7a884c6de60470006d572350573bfa6dcd2",
    2
  ]
}
-----+
                Publishing Repository [busybox]
-----+

The following publish configuration options will be used:

Force Full:  True

This command may be exited via ctrl+c without affecting the request.
```

Task Succeeded

Gone(After)Present(before). force full publish. should be gone (after fix)

```
{
  " Present (1 tag)": [
    "sha256:186694df7e479d2b8bf075d9e1b1d7a884c6de60470006d572350573bfa6dcd2",
    2
  ]
}
```

This command may be exited via ctrl+c without affecting the request.

[\]

Running...

Task Succeeded

Gone(after)Present(before) orphans removed. sanity check, should still be present until republish

```
{
  " Present (1 tag)": [
    "sha256:186694df7e479d2b8bf075d9e1b1d7a884c6de60470006d572350573bfa6dcd2",
    2
  ]
}
```

```
+-----+
| Publishing Repository [busybox] |
+-----+
```

The following publish configuration options will be used:

Force Full: True

This command may be exited via ctrl+c without affecting the request.

Task Succeeded

Gone(after, before) orphans removed, should still be present until publish

```
{
  " Gone: (1 tag)": null
}
```

#6 - 04/10/2018 09:14 PM - amacdona@redhat.com

- Status changed from ASSIGNED to POST

https://github.com/pulp/pulp_docker/pull/232

Hack tests pass. Filed a pulp-smash issue.

#7 - 04/11/2018 06:01 PM - amacdona@redhat.com

This change does not include a migration, and therefore will not clean up orphaned tags from previous releases. For users who experience this problem after a upgrading, we recommend running an orphan cleanup and republish (--force-full)

#8 - 04/13/2018 05:32 PM - amacdona@redhat.com

- Status changed from POST to MODIFIED

Applied in changeset [c82bfc562dcab2fbbd23f1bcc29f3c4e595f1fea](#).

#9 - 04/13/2018 05:33 PM - amacdona@redhat.com

- Platform Release changed from 2.15.1 to 2.16.1

- Target Release - Docker set to master

#10 - 04/20/2018 08:59 PM - amacdona@redhat.com

Applied in changeset [847264e2014644b83bc632b6930b756919feeea1](#).

#11 - 04/24/2018 06:54 PM - bmbouter

- Status changed from MODIFIED to 5

#12 - 05/02/2018 04:24 PM - bmbouter

- Status changed from 5 to CLOSED - CURRENTRELEASE

#13 - 04/15/2019 10:12 PM - bmbouter

- Tags Pulp 2 added

Files

tag-orphan-remove.py	1.33 KB	04/10/2018	amacdona@redhat.com
tag-orphan-test.sh	1.43 KB	04/10/2018	amacdona@redhat.com