

Docker Support - Story #1176

As a user, I can remove Manifests from repositories

08/14/2015 07:28 PM - rbarlow

Status: CLOSED - DUPLICATE	Start date:
Priority: Normal	Due date:
Assignee: jortel@redhat.com	% Done: 80%
Category:	Estimated time: 0:00 hour
Sprint/Milestone:	Tags: Pulp 2
Platform Release:	Sprint:
Target Release - Docker:	Quarter:
Groomed: No	
Sprint Candidate: Yes	

Description

We need pulp-admin and API support for removing Manifests from repositories. Removing a Manifest should also remove the Blobs it references, unless other Manifests in the same repository also reference those Blobs.

Related issues:

Blocks Docker Support - Task #1048: Tracker for Docker v2 API and Manifest work **CLOSED - CURRENTRELEASE**

History

#1 - 08/14/2015 07:28 PM - rbarlow

- Blocks Task #1048: Tracker for Docker v2 API and Manifest work added

#2 - 08/21/2015 10:24 PM - jortel@redhat.com

There is a race condition concern with removing associated blobs when removing a manifest. The blob should only be removed only if not referenced by ANY manifest in the repository. Since associate/disassociate operations happen concurrently this can happen:

process-1: Remove manifest-123 which references blob-1
process-1: See if a blob-1 is referenced by any other manifests. result is - nope.
process-2: Add manifest-1 that references blob-1.
process-2: Add blob-1
process-1: Removes blob-1 (thinks it's not referenced)

Now manifest-1 is in the repository and blob-1 is not.

#3 - 08/24/2015 04:50 PM - jortel@redhat.com

Included in [#1203](#).

#4 - 08/24/2015 04:51 PM - jortel@redhat.com

- Status changed from NEW to ASSIGNED
- Assignee set to jortel@redhat.com
- % Done changed from 0 to 80

#5 - 08/27/2015 04:17 PM - jortel@redhat.com

Looks like unassociate tasks run with reservation which addresses concurrency concern.

#6 - 08/31/2015 09:04 PM - jortel@redhat.com

- Status changed from ASSIGNED to CLOSED - DUPLICATE

Included in [#1203](#)

#7 - 04/15/2019 10:44 PM - bmbouter

- Tags Pulp 2 added