Ansible Plugin - Story #3181

As a user, I have a roles API for published distribution base paths

12/11/2017 11:38 PM - bmbouter

Status:	CLOSED - CURRENTRELEASE		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:	daviddavis		**% Done:**	100%
Category:			**Estimated time:**	0:00 hour
Sprint/Milestone:	0.1 Release			
Platform Release:			**Tags:**	
Groomed:	Yes		**Sprint:**	Sprint 36
Sprint Candidate:	No		**Quarter:**	

Description

This basic implementation should create a live API at /pulp_ansible/galaxy/<distribution.base_path>/roles/ that will provide the minimum functionality for the galaxy client to discover role urls from it.

This work will probably require the addition of a new field (e.g. "url") in the galaxy api format to serve as an alternative to the github_user and github_repo fields. The galaxy cli client will probably need to be updated too.

There will have to be two pages really: one for roles and one for versions. The galaxy cli first looks up roles and then the versions for these roles.

Associated revisions

Revision 91d53969 - 04/27/2018 01:25 AM - daviddavis

Add a compatible Galaxy v1 api that ansible-galaxy cli can use

fixes #3181 https://pulp.plan.io/issues/3181

History

#1 - 12/11/2017 11:39 PM - bmbouter

- Blocked by Story #3180: As a user, I can mirror Galaxy roles to a local repo added

#2 - 12/12/2017 03:24 PM - daviddavis

- Groomed changed from No to Yes

- Sprint Candidate changed from No to Yes

#3 - 12/15/2017 05:09 PM - daviddavis

- Sprint/Milestone changed from 0.1 Release to 52

#4 - 01/08/2018 10:26 PM - rchan

- Sprint/Milestone changed from 52 to 53

#5 - 01/30/2018 04:16 PM - bmbouter

- Sprint/Milestone changed from 53 to 54

#6 - 02/22/2018 05:22 PM - rchan

- Sprint/Milestone changed from 54 to 56

#7 - 03/09/2018 12:35 AM - bmbouter

- Sprint set to Sprint 33

#8 - 03/09/2018 12:36 AM - bmbouter

- Sprint/Milestone deleted (56)

#9 - 03/14/2018 05:14 PM - daviddavis

- Description updated

- Groomed changed from Yes to No

- Sprint Candidate changed from Yes to No

- Sprint deleted (Sprint 33)

#10 - 03/14/2018 05:16 PM - daviddavis

- Blocked by Story #3467: As a user, I can publish roles as tar files which I can install over http/https with the galaxy cli client. added

#11 - 03/27/2018 03:53 PM - daviddavis

- Sprint/Milestone set to 0.1 Release

#12 - 03/28/2018 05:19 PM - daviddavis

- Related to Story #3473: As a plugin writer, I have documentation on how to create live api endpoints responsibly added

#13 - 03/28/2018 05:20 PM - daviddavis

- Related to deleted (Story #3473: As a plugin writer, I have documentation on how to create live api endpoints responsibly)

#14 - 03/28/2018 05:20 PM - daviddavis

- Blocked by Story #3473: As a plugin writer, I have documentation on how to create live api endpoints responsibly added

#15 - 04/04/2018 10:19 PM - bmbouter

- Subject changed from As a user, I can publish a repository version containing Ansible roles in a Galaxy compatible format to As a user, I have a roles API for published distribution base paths

- Description updated

rewriting based on requirements review w/ daviddavis

#16 - 04/04/2018 10:24 PM - daviddavis

- Description updated

#17 - 04/04/2018 10:26 PM - daviddavis

- Sprint set to Sprint 35

#18 - 04/04/2018 10:26 PM - daviddavis

- Groomed changed from No to Yes

#19 - 04/04/2018 10:55 PM - daviddavis

FYI, we can use GALAXY_SERVER[0] in the ansible cli client config and point it to our pulp instance instead of the public galaxy server.

[0] https://github.com/ansible/ansible/blob/5b703a2a5387f7d3e5c65b92fee29d617ee15df1/lib/ansible/config/base.yml#L1306-L1312

#20 - 04/05/2018 06:47 PM - daviddavis

We'll need a change to the ansible galaxy client (which lives in https://github.com/ansible/ansible) to be able to fetch roles from somewhere other than github. I'm imagining that we'll have a url field for roles in which case this should work:

```
diff --git a/lib/ansible/galaxy/role.py b/lib/ansible/galaxy/role.py
index c9d8ddd3eb..7d0765d84f 100644
--- a/lib/ansible/galaxy/role.py
+++ b/lib/ansible/galaxy/role.py
@@ -167,13 +167,15 @@ class GalaxyRole(object):

     def fetch(self, role_data):
         """
-        Downloads the archived role from github to a temp location
+        Downloads the archived role to a temp location based on role data
         """
         if role_data:

             # first grab the file and save it to a temp location
             if "github_user" in role_data and "github_repo" in role_data:
```

```
                archive_url = 'https://github.com/%s/%s/archive/%s.tar.gz' % (role_data["github_user"
], role_data["github_repo"], self.version)
+            elif "url" in role_data:
+                archive_url = role_data["url"]
             else:
                 archive_url = self.src
```

#21 - 04/11/2018 03:32 PM - amacdona@redhat.com

- Blocked by deleted (Story #3473: As a plugin writer, I have documentation on how to create live api endpoints responsibly)

#22 - 04/11/2018 03:33 PM - amacdona@redhat.com

- Blocked by Story #3473: As a plugin writer, I have documentation on how to create live api endpoints responsibly added

#23 - 04/19/2018 11:29 PM - daviddavis

- Status changed from NEW to ASSIGNED

- Assignee set to daviddavis

#24 - 04/21/2018 01:45 PM - daviddavis

Ansible galaxy cli looks up role by name and owner__username:

https://github.com/ansible/ansible/blob/c4a7f64c0219123cc81df8ab6267cd5bdc10e4ff/lib/ansible/galaxy/api.py#L192

Looks like owner__username is just using namespace:

https://github.com/ansible/galaxy/blob/0558d358953d1ea84ba6e164806688ed615875ff/galaxy/api/views.py#L363-L364

#25 - 04/23/2018 04:26 PM - rchan

- Sprint changed from Sprint 35 to Sprint 36

#26 - 04/26/2018 12:30 AM - daviddavis

- Status changed from ASSIGNED to POST

https://github.com/pulp/pulp_ansible/pull/18

#27 - 04/27/2018 05:24 PM - daviddavis

- Status changed from POST to MODIFIED

#28 - 05/07/2018 08:03 PM - daviddavis

- % Done changed from 0 to 100

Applied in changeset pulp_ansible|91d53969dc03c0dae6dafd46f309ba6a31bbcbe3.

#29 - 10/05/2018 06:25 PM - bmbouter

- Blocked by deleted (Story #3180: As a user, I can mirror Galaxy roles to a local repo)

#30 - 10/05/2018 06:27 PM - bmbouter

- Blocked by deleted (Story #3467: As a user, I can publish roles as tar files which I can install over http/https with the galaxy cli client.)

#31 - 10/05/2018 06:27 PM - bmbouter

- Blocked by deleted (Story #3473: As a plugin writer, I have documentation on how to create live api endpoints responsibly)

#32 - 10/05/2018 06:27 PM - bmbouter

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE