

RPM Support - Issue #3353

Missing docs on importing RPM repository module metadata

02/12/2018 02:49 PM - ttereshc

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:	milan	Estimated time:	0:00 hour
Category:			
Sprint/Milestone:			
Severity:	2. Medium	Groomed:	Yes
Version:		Sprint Candidate:	Yes
Platform Release:	2.15.3	Tags:	Pulp 2
OS:		Sprint:	Sprint 33
Triaged:	No	Quarter:	
Description			
Example of the repo with module metadata. http://dl.fedoraproject.org/pub/fedora/linux/modular/updates/testing/27/Server/x86_64/ This is a yaml file which should be treated by Pulp as non-specific metadata file - yum_repo_metadata_file. More advanced support for this metadata type is a part of the story #3206 .			
Related issues:			
Related to RPM Support - Story #3206: Support for module metadata in pulp_rpm		CLOSED - CURRENTRELEASE	

Associated revisions

Revision 9c27b2e0 - 03/06/2018 05:10 PM - milan

Document modularity support

Pulp_rpm supports the modularity content to the repo mirroring extent.

Fixes: #3353 <https://pulp.plan.io/issues/3353>

Revision a00515d2 - 03/12/2018 06:05 PM - milan

Document modularity support

Pulp_rpm supports the modularity content to the repo mirroring extent.

Fixes: #3353 <https://pulp.plan.io/issues/3353> (cherry picked from commit 9c27b2e02faf2dde881162bf35e216823a4506d7)

History

#1 - 02/12/2018 02:50 PM - ttereshc

- Description updated

#2 - 02/12/2018 02:50 PM - ttereshc

- Related to Story #3206: Support for module metadata in pulp_rpm added

#4 - 02/12/2018 03:51 PM - ttereshc

- Subject changed from *As a user, I can import RHEL 8 module metadata* to *As a user, I can import RPM repository module metadata*

#5 - 02/13/2018 08:23 PM - ttereshc

- Description updated

#6 - 02/13/2018 08:24 PM - dkliban@redhat.com

- Groomed changed from No to Yes

- Sprint Candidate changed from No to Yes

#7 - 02/16/2018 06:35 PM - rchan

- Sprint/Milestone set to 56

#8 - 02/19/2018 03:22 PM - ttereshc

Please, implement/merge it during sprint 33 so it will go into 2.16.0 release (aka by mid-March)

#9 - 02/19/2018 03:46 PM - milan

- Assignee set to milan

#10 - 02/19/2018 03:49 PM - ttereshc

- Status changed from NEW to ASSIGNED

#11 - 02/22/2018 02:19 PM - milan

Findings

I conducted manual testing of [Modularity content](#).

My set up was as follows:

- Fedora26 hosting a development deployment of Pulp 2.15.1 & Pulp_rpm 2.15
- Fedora28 consumer node, SSL validation switched off
- a Fedora27 [modularity repository](#) (by accident)
Both the systems were running inside Docker.

Syncing

Pulp is able to sync modularity content, triggering manually.

I was able to create a rpm repository, feeding on the Fedora27 modularity repository manually.

Copying

I was able to copy a repository containing modularity content to a custom repository.

The modularity metadata gets copied automatically, in case of no filter applied (the all directive).

The modularity metadata gets copied in case of filtering, if the filter specified includes the yum_repo_metadata_file (REST API case) or the metafile in case of the Pulp admin CLI.

Consuming

I was able to successfully install a nodejs:6 module from the custom *copied* repository, on the Fedora28 client, following the [dnf usecase instructions](#)

On demand Sync

The on-demand sync worked; the modularity metadata is downloaded immediately, as expected, and gets published OK.

I was able to install content from a module of an on_demand repo too.

Notes

The upstream has decided to [remove the F27 modularity tree](#) so our testing data is gone. I've exported the repo I got for testing purposes, but it's a bit big (2.1G). I can share though.

They've got a rel-eng [ticket](#) tracking the modularity content handling progress.

The tool to create modularity content repos [seems to be Pungi](#) so we might still be able to create our own testing content later for Fixtures.

Due to the fact the modularity metadata isn't processed by Pulp yet (just copied) a consumer can observe discrepancies between modules available and content missing; this happened having copied just the metadata without any actual content:

```
sh-4.3# dnf module list --repo pulp2.dev_pulp_repos_mod_broken
Last metadata expiration check: 0:00:26 ago on Fri Feb 23 15:52:11 2018.
created by dnf config-manager from https://pulp2.dev/pulp/repos/mod_broken
```

Name	Stream
fonts	f27
20171027091706	default, everything
freeipa	master
20171030164651	default
installer	f27
20171030201659	default
nodejs	6
20171107132706	default, development, ...
perl	5.26
20171027072720	default, minimal

platform	f27
20171028113024	buildroot, srpm-buildroot
python2-ecosystem	master
20171030225722	

Hint: [d]efault, [e]nabled, [i]nstalled, [l]ocked

```
sh-4.3# dnf module enable --repo pulp2.dev_pulp_repos_mod_broken nodejs:6
```

Last metadata expiration check: 0:01:08 ago on Fri Feb 23 15:52:11 2018.

'nodejs:6' is enabled

```
sh-4.3# dnf --disablerepo='*' --enablerepo=pulp2.dev_pulp_repos_mod_broken install nodejs
```

Last metadata expiration check: 0:01:47 ago on Fri Feb 23 15:52:11 2018.

No match for argument: nodejs

Error: Unable to find a match

```
sh-4.3#
```

#12 - 02/22/2018 02:22 PM - milan

- File *modularity_test_client28.log* added
- File *modularity_test_journalctl.log* added
- File *modularity_test.log* added

#13 - 02/22/2018 07:09 PM - milan

- File *modularity_delayed_admin.log* added
- File *modularity_delayed_journalctl.log* added

#14 - 02/23/2018 02:12 PM - milan

- File *deleted (modularity_delayed_admin.log)*

#15 - 02/23/2018 02:12 PM - milan

- File *deleted (modularity_delayed_journalctl.log)*

#16 - 02/23/2018 03:02 PM - milan

- File *modularity_on_demand_client.log* added
- File *modularity_on_demand_journalctl.log* added
- File *modularity_on_demand.log* added

#17 - 02/23/2018 04:29 PM - milan

- Status changed from *ASSIGNED* to *POST*

Just posted a PR: https://github.com/pulp/pulp_rpm/pull/1086

#18 - 03/06/2018 05:22 PM - milan

- Status changed from *POST* to *MODIFIED*
- % Done changed from 0 to 100

Applied in changeset [9c27b2e02faf2dde881162bf35e216823a4506d7](#).

#19 - 03/07/2018 10:24 AM - milan

- Platform Release set to 2.15.3

#20 - 03/07/2018 02:48 PM - bmbouter

- Tracker changed from *Story* to *Issue*
- Subject changed from *As a user, I can import RPM repository module metadata* to *Missing docs on importing RPM repository module metadata*
- Severity set to 2. Medium
- Triaged set to No

Switching to issue since code wasn't added and only issues can go into a z-stream release.

#21 - 03/09/2018 12:34 AM - bmbouter

- Sprint set to Sprint 33

#22 - 03/09/2018 12:35 AM - bmbouter

- Sprint/Milestone deleted (56)

#23 - 03/12/2018 06:05 PM - milan

Applied in changeset [a00515d2a2e2dafa4c807c4709942f382f4034b5](#).

#24 - 03/16/2018 12:25 PM - bmbouter

- Status changed from MODIFIED to 5

#25 - 03/20/2018 04:04 PM - bmbouter

- Status changed from 5 to CLOSED - CURRENTRELEASE

#26 - 04/15/2019 10:13 PM - bmbouter

- Tags Pulp 2 added

Files

modularity_test_client28.log	114 KB	02/22/2018	milan
modularity_test_journalctl.log	828 KB	02/22/2018	milan
modularity_test.log	180 KB	02/22/2018	milan
modularity_on_demand_journalctl.log	12.8 KB	02/23/2018	milan
modularity_on_demand_client.log	786 KB	02/23/2018	milan
modularity_on_demand.log	29.9 KB	02/23/2018	milan