

## RPM Support - Story #3091

As a user, I can create a manifest for the files in a directory

10/20/2017 08:39 PM - ehelms@redhat.com

<b>Status:</b>	CLOSED - CURRENTRELEASE	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	bizhang	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0:00 hour
<b>Sprint/Milestone:</b>		<b>Tags:</b>	Pulp 2
<b>Platform Release:</b>	2.16.0	<b>Sprint:</b>	Sprint 31
<b>Groomed:</b>	Yes	<b>Quarter:</b>	
<b>Sprint Candidate:</b>	Yes		

**Description**

This is a request to provide a supported command line tool, installable as an RPM, to generate PULP\_MANIFEST files in the right format for a directory structure. This should handle recursive generation as well as being able to re-run it and generate an updated PULP\_MANIFEST.

There are a few examples of this in use today:

- [http://docs.pulpproject.org/plugins/pulp\\_rpm/tech-reference/iso-plugins.html#iso-importer](http://docs.pulpproject.org/plugins/pulp_rpm/tech-reference/iso-plugins.html#iso-importer)
- <https://gist.github.com/jlsherrill/321cf092fce13d1c4f3a>
- <https://gist.github.com/jlsherrill/e7c72e1ed82379955c2208ac472b0be7>

Rather than have floating around tools, users would benefit from a simple, supported tool from the Pulp project that properly generates what Pulp requires to sync a repository.

Requirements for the tool:

- name = 'pulp-manifest'
- it takes 1 positional argument that specifies a path to the directory where the PULP\_MANIFEST file should be created
- it creates PULP\_MANIFEST file by walking the directory structure recursively and recording information about files in the CSV format: file\_name,checksum,file size
- if a PULP\_MANIFEST already exists, it should be regenerated
- pulp-rpm.spec file should be updated to have this tool installable as a separate RPM.

### Associated revisions

**Revision 65868d13 - 01/18/2018 06:13 PM - werwty**

Add tool to create PULP\_MANIFEST for files in a directory

closes #3091 <https://pulp.plan.io/issues/3091>

**Revision 053587ad - 01/19/2018 04:55 PM - bmbouter**

Add 2.16 release notes to index

This fixes a doc build error.

re #3091

### History

**#1 - 10/24/2017 05:12 PM - dalley**

- Triaged changed from No to Yes

**#2 - 10/25/2017 09:42 PM - mhrivnak**

- Tracker changed from Issue to Story

- Project changed from Pulp to RPM Support

- Subject changed from Add a command line utility to turn a directory into a file (iso) repository to As a user, I can create a manifest for the files in a directory

- Description updated

- % Done set to 0

**#3 - 10/25/2017 09:43 PM - mhrivnak**

- Description updated

**#5 - 01/04/2018 05:43 PM - dkliban@redhat.com**

I see this as a command line tool called 'pulp-manifest'. For version 0.1 it can take 1 positional argument that specifies a path to the directory where the PULP\_MANIFEST file should be created. If a PULP\_MANIFEST already exists in the directory, it is removed and a new one is created by walking the directory structure recursively and recording all the files to the manifest.

**#6 - 01/05/2018 01:05 PM - ttereshc**

- Description updated

**#7 - 01/05/2018 02:45 PM - dkliban@redhat.com**

- Groomed changed from No to Yes

- Sprint Candidate changed from No to Yes

**#9 - 01/09/2018 09:36 PM - ttereshc**

- Sprint/Milestone set to 53

**#10 - 01/18/2018 03:20 PM - bizhang**

- Description updated

- Status changed from NEW to POST

- Assignee set to bizhang

PR: [https://github.com/pulp/pulp\\_rpm/pull/1077](https://github.com/pulp/pulp_rpm/pull/1077)

**#11 - 01/18/2018 06:15 PM - werwty**

- Status changed from POST to MODIFIED

- % Done changed from 0 to 100

Applied in changeset [65868d13f7852acfd8ec883a062f48dbb7be15](#).

**#12 - 03/09/2018 12:30 AM - bmbouter**

- Sprint set to Sprint 31

**#13 - 03/09/2018 12:31 AM - bmbouter**

- Sprint/Milestone deleted (53)

**#14 - 03/13/2018 11:24 PM - ttereshc**

- Platform Release set to 2.16.0

**#15 - 03/20/2018 04:18 PM - bmbouter**

- Status changed from MODIFIED to 5

**#16 - 04/03/2018 11:10 PM - bmbouter**

- Status changed from 5 to CLOSED - CURRENTRELEASE

**#17 - 04/15/2019 10:15 PM - bmbouter**

- Tags Pulp 2 added