

RPM Support - Issue #1725

Packages attribute miscalculation in repodata xml files

02/26/2016 10:45 PM - pcreech

| | | | |
|--|-------------------------|--------------------------|-----------|
| Status: | CLOSED - CURRENTRELEASE | Start date: | |
| Priority: | High | Due date: | |
| Assignee: | mhrivnak | Estimated time: | 0:00 hour |
| Category: | | | |
| Sprint/Milestone: | | | |
| Severity: | 1. Low | Groomed: | No |
| Version: | Master | Sprint Candidate: | No |
| Platform Release: | 2.8.0 | Tags: | Pulp 2 |
| OS: | Fedora 23 | Sprint: | |
| Triaged: | Yes | Quarter: | |
| Description | | | |
| <p>It was discovered that during subsequent publishes of a repository that hasn't changed, the packages attribute in the root element gets 'updated' in the repodata/{filelist,other,primary}.xml files to a 0.</p> <p>This leads us to not being able to consistently generate identical data on a repeatable action (i.e. first publish, subsequent publishes)</p> <p>I'm also curious as what this value would end up being with an extra package added.</p> <p>Steps to reproduce:</p> <pre>pulp-admin rpm repo create --repo-id=zoo --feed=https://repos.fedorapeople.org/repos/pulp/pulp/demo_repos/zoo/</pre> <pre>pulp-admin rpm repo sync run --repo-id=zoo</pre> <p>Take note of the data in repomd.xml (Specifically size, and open-size) Gunzip the filelist.xml,other.xml and primary.xml files and take note of the root element attribute 'packages' (should be 32, at current state of zoo repo)</p> <pre>pulp-admin rpm repo publish run --repo-id=zoo</pre> <p>Take note of the data in repomd.xml (Specifically size, and open-size) Gunzip the filelist.xml,other.xml and primary.xml files and take note of the root element attribute 'packages' (is now 0)</p> <p>repomod.xml open-size attributes should be off by one byte less as well (in this case, since we are going from a two digit number to a one digit number) Package elements still exists in the files</p> <p>I am currently unaware of anything that relies on the packages attribute, as well as it's significance. But it does reflect a curious miss-counting issue here.</p> <p>I've attached a diff showing the difference in the files.</p> | | | |

Associated revisions

Revision 3b8e9d34 - 03/01/2016 04:37 PM - mhrivnak

Fixes unit count in published metadata on publish of unchanged repo

<https://pulp.plan.io/issues/1725>

fixes #1725

History

#1 - 02/29/2016 10:47 PM - mhrivnak

This appears to be a regression. I'm not able to reproduce on 2.7.1.

#2 - 02/29/2016 10:57 PM - mhrivnak

- Status changed from NEW to ASSIGNED
- Assignee set to mhrivnak
- Priority changed from Normal to High
- Severity changed from 2. Medium to 1. Low

#3 - 03/01/2016 04:39 PM - mhrivnak

- Status changed from ASSIGNED to POST
- Triaged changed from No to Yes

https://github.com/pulp/pulp_rpm/pull/817

#4 - 03/01/2016 07:47 PM - mhrivnak

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

Applied in changeset [3b8e9d34ebbe4ef945c69499c853cda831130db9](#).

#5 - 03/01/2016 07:48 PM - mhrivnak

- Platform Release set to 2.8.0

#6 - 03/03/2016 04:19 PM - dkliban@redhat.com

- Status changed from MODIFIED to 5

#7 - 03/23/2016 07:14 PM - dkliban@redhat.com

- Status changed from 5 to CLOSED - CURRENTRELEASE

#8 - 04/15/2019 10:34 PM - bmbouter

- Tags Pulp 2 added

Files

| | | | |
|--------------|---------|------------|---------|
| reodata.diff | 5.43 KB | 02/26/2016 | pcreech |
|--------------|---------|------------|---------|