

RPM Support - Refactor #9309

Add support for new memory-efficient createrepo_c parsing method

08/30/2021 05:50 AM - dalley

Status: POST	Start date:
Priority: High	Due date:
Assignee: dalley	% Done: 0%
Category:	Estimated time: 0:00 hour
Sprint/Milestone:	Tags:
Platform Release:	Sprint: Sprint 110
Groomed: No	Quarter:
Sprint Candidate: No	
Description	
Related issues:	
Copied to RPM Support - Backport #9313: Backport #9309 "Add support for new m... NEW	

History

#1 - 08/30/2021 05:51 AM - dalley

- Sprint/Milestone set to 3.16.0

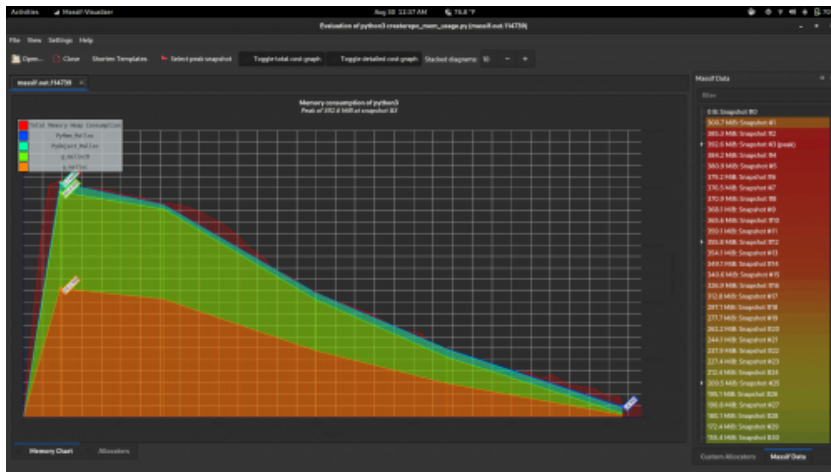
#2 - 08/30/2021 06:47 AM - dalley

- File Screenshot from 2021-08-30 00-37-04.png added

- File Screenshot from 2021-08-30 00-40-14.png added

Here's a measurement of the raw overhead of createrepo_c during the parsing of rhel6 repos (so, this doesn't include Pulp at all)

Current parsing strategy (peak: 392mb)



New API (peak: 19mb)



The time taken to parse the metadata also dropped from around 1 min 15 seconds with the current strategy to 13 seconds with the new API.

The old pure-createrepo_c parsing strategy which is disabled in Pulp due to memory consumption peaks at 1.9gb

#3 - 08/30/2021 04:24 PM - pulpbob

PR: https://github.com/pulp/pulp_rpm/pull/2109

#4 - 08/30/2021 04:28 PM - dalley

- Copied to Backport #9313: Backport #9309 "Add support for new memory-efficient createrepo_c parsing method" to 3.14.z added

#6 - 09/02/2021 03:44 AM - dalley

- Priority changed from Normal to High

#7 - 09/10/2021 12:31 AM - rchan

- Sprint changed from Sprint 104 to Sprint 105

#8 - 09/23/2021 11:58 PM - rchan

- Sprint changed from Sprint 105 to Sprint 106

#9 - 10/08/2021 03:30 PM - rchan

- Sprint changed from Sprint 106 to Sprint 107

#10 - 10/15/2021 03:36 AM - dalley

- Sprint/Milestone deleted (3.16.0)

#11 - 10/21/2021 06:37 PM - rchan

- Sprint changed from Sprint 107 to Sprint 108

#12 - 11/04/2021 10:23 PM - rchan

- Sprint changed from Sprint 108 to Sprint 109

#13 - 11/19/2021 09:41 PM - rchan

- Sprint changed from Sprint 109 to Sprint 110

Files

Screenshot from 2021-08-30 00-37-04.png	292 KB	08/30/2021	dalley
Screenshot from 2021-08-30 00-40-14.png	363 KB	08/30/2021	dalley