

## RPM Support - Issue #9406

### Trivial OOM on sync for a particular Microsoft repo

09/16/2021 05:33 AM - dalley

<b>Status:</b> ASSIGNED	<b>Start date:</b>
<b>Priority:</b> High	<b>Due date:</b>
<b>Assignee:</b> dalley	<b>Estimated time:</b> 0:00 hour
<b>Category:</b>	
<b>Sprint/Milestone:</b>	
<b>Severity:</b> 3. High	<b>Groomed:</b> No
<b>Version:</b>	<b>Sprint Candidate:</b> No
<b>Platform Release:</b>	<b>Tags:</b>
<b>OS:</b>	<b>Sprint:</b> Sprint 110
<b>Triaged:</b> Yes	<b>Quarter:</b>
<b>Description</b>	
Syncing <a href="https://packages.microsoft.com/rhel/8/prod/">https://packages.microsoft.com/rhel/8/prod/</a> results in an OOM even on a box with ~10gb of available memory	
<b>Related issues:</b>	
Related to RPM Support - Issue #9399: sync error: invalid memory alloc reques...	<b>ASSIGNED</b>

#### History

##### #1 - 09/16/2021 05:34 AM - dalley

- Subject changed from Trivial OOM on sync to Trivial OOM on sync

##### #2 - 09/16/2021 05:34 AM - dalley

- Related to Issue #9399: sync error: invalid memory alloc request size added

##### #3 - 09/16/2021 06:37 AM - dalley

- Subject changed from Trivial OOM on sync to Trivial OOM on sync for a particular Microsoft repo

##### #4 - 09/16/2021 05:17 PM - dalley

- Triaged changed from No to Yes

- Sprint set to Sprint 105

##### #5 - 09/17/2021 07:35 AM - dalley

- Status changed from NEW to ASSIGNED

- Assignee set to dalley

In a non-Pulp reproducer that merely calls parses the metadata with createrepo\_c using the same code as Pulp RPM, it's clear that for some reason in this case there is a pathological behavior with the custom hybrid iterative parser.

The traditional "all at once" parsing peaks at 900mb, the new iterative parser peaks around 600mb, but our custom parser blows through the 15.5gb available on my VM and triggers the OOM killer.

##### #6 - 09/23/2021 11:55 PM - rchan

- Sprint changed from Sprint 105 to Sprint 106

##### #7 - 10/08/2021 03:16 PM - rchan

- Sprint changed from Sprint 106 to Sprint 107

##### #8 - 10/21/2021 06:35 PM - rchan

- Sprint changed from Sprint 107 to Sprint 108

##### #9 - 11/04/2021 10:22 PM - rchan

- *Sprint changed from Sprint 108 to Sprint 109*

**#10 - 11/19/2021 09:40 PM - rchan**

- *Sprint changed from Sprint 109 to Sprint 110*