Packaging - Bug #26631
Configure MALLOC_ARENA_MAX for dynflow
04/16/2019 08:56 PM - Mike McCune

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Mike McCune</td>
</tr>
<tr>
<td>Category:</td>
<td>RPMs</td>
</tr>
<tr>
<td>Target version:</td>
<td></td>
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<tr>
<td>Difficulty:</td>
<td>easy</td>
</tr>
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<td>Triaged:</td>
<td>No</td>
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<td>Bugzilla link:</td>
<td>1700501</td>
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<tr>
<td>Fixed in Releases:</td>
<td>1.24.0</td>
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<td>Found in Releases:</td>
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Description

Description
Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1700501

Description of problem:
Configure MALLOC_ARENA_MAX for dynflow

How reproducible:
Always

Steps to Reproduce:
It has been found in internal testing that configuring MALLOC_ARENA_MAX improves the performance of dynflow executors.
To apply:

```
edit /etc/sysconfig/dynflowd and append MALLOC_ARENA_MAX=2
foreman-maintain service restart
```

Actual results:
Internal testing showed a significant improvement in memory utilization of dynflow executors, often near 50% less usage.

Associated revisions

Revision d669d3bd - 10/11/2019 12:15 PM - Mike McCune
Fixes #26631 - configure MALLOC_ARENA_MAX to reduce long term RSS

Revision 35da9528 - 11/20/2019 01:16 PM - Ewoud Kohl van Wijngaarden
Refs #26631 - Set MALLOC_ARENA_MAX via the service

By setting it via the service, there is no .rpmnew changes when a user made manual changes. If the user set it manually via /etc/sysconfig/dynflowd that will still take precedence.
History

#1 - 04/16/2019 08:57 PM - The Foreman Bot
- Status changed from New to Ready For Testing

#2 - 10/10/2019 03:50 PM - The Foreman Bot
- Pull request https://github.com/theforeman/foreman-packaging/pull/4189 added

#3 - 10/11/2019 12:15 PM - The Foreman Bot
- Fixed in Releases 1.24.0 added

#4 - 10/11/2019 01:01 PM - Anonymous
- Status changed from Ready For Testing to Closed

Applied in changeset foreman-packaging|d669d3bdf3dc5580e8e0e8d01efe8e87fd4a90ed.

#5 - 11/18/2019 04:00 PM - The Foreman Bot
- Pull request https://github.com/theforeman/foreman-packaging/pull/4353 added