Packaging - Bug #26631

Configure MALLOC_ARENA_MAX for dynflow

04/16/2019 08:56 PM - Mike McCune

Status:	Closed			
Priority:	Normal			
Assignee:	Mike McCune			
Category:	RPMs			
Target version:				
Difficulty:	easy	**Fixed in Releases:**	1.24.0	
Triaged:	No	**Found in Releases:**		
Bugzilla link:	1700501	**Red Hat JIRA:**		
Pull request:	https://github.com/theforeman/foreman-packaging/pull/3641, https://github.com/theforeman/foreman-packaging/pull/4189, https://github.com/theforeman/foreman-packaging/pull/4353			

Description

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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