

Foreman - Bug #16577

String::to_gb fails to parse "0 Bytes"

09/16/2016 05:49 AM - Brandon Weeks

Status: Closed	
Priority: Normal	
Assignee: Marek Hulán	
Category: Statistics	
Target version: 1.13.0	
Difficulty: trivial	Fixed in Releases:
Triaged:	Found in Releases: 1.13.0
Bugzilla link:	Red Hat JIRA:
Pull request: https://github.com/theforeman/foreman/pull/3854	
Description	
On some Ubuntu 14.04 boxes with swap disabled facter returns a value of "0 bytes" for the swapfree fact. This is unparseable by String::to_gb which causes /statistics to show an error.	
<pre>weeks@host:~\$ facter swapfree 0 bytes weeks@host:~\$</pre>	
Related issues:	
Related to Foreman - Bug #2314: Smaller grains for VM memory/RAM choice needed	Closed 03/13/2013

Associated revisions

Revision 0771cec2 - 09/22/2016 04:43 AM - Marek Hulán

Fixes #16577 - enhance unit detection

Revision a0c79911 - 09/26/2016 07:39 AM - Marek Hulán

Fixes #16577 - enhance unit detection

(cherry picked from commit 0771cec2351c75514abaf1c7040cdd5b74e8ef1d)

History

#1 - 09/16/2016 06:21 AM - Marek Hulán

Do you by any chance have a back trace or error message? That would help to debug.

#2 - 09/16/2016 06:25 AM - Brandon Weeks

- File *backtrace.txt* added

Attached!

Minimized test case:

```
"0 bytes".to_gb
```

#3 - 09/16/2016 06:59 AM - Marek Hulán

- Status changed from New to Assigned

- Assignee set to Marek Hulán

- translation missing: en.field_release set to 160

Thanks for the trace, that helped me. It's partly caused by [#2314](#) and partly because we don't recognize Bytes as a unit. Also we have generic rescue which hides the real cause. The fix should be easy.

#4 - 09/16/2016 07:11 AM - Marek Hulán

- Related to Bug #2314: Smaller grains for VM memory/RAM choice needed added

#5 - 09/16/2016 07:23 AM - The Foreman Bot

- Status changed from Assigned to Ready For Testing

- Pull request <https://github.com/theforeman/foreman/pull/3854> added

#6 - 09/16/2016 07:28 AM - Dominic Cleal

- translation missing: en.field_release deleted (160)

I don't think this was introduced in 1.13.0/#2314.

<https://github.com/theforeman/foreman/commit/eabbbeb4730abb51de2de8f9b302d26b14d6d33a#diff-54b2b2f744ded63c7d44629102bde356> only seems to change how the units are scaled.

#7 - 09/16/2016 10:18 AM - Marek Hulán

There are two parts of this bug. First is thta "Bytes" are not recognized as unit. Second is that the [Foreman::SIZE](#) was removed but remained on line which is triggered [in this case](#). If we only fix matching, it will still fail for "0 Bytes" string because of this. If you prefer I can split this into 2 PRs, second would be only replacing the Foreman::SIZE so it would be safe to get it into 1.13.

#8 - 09/22/2016 05:02 AM - Marek Hulán

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [0771cec2351c75514abaf1c7040cdd5b74e8ef1d](#).

#9 - 09/22/2016 07:05 AM - Dominic Cleal

- translation missing: en.field_release set to 160

Files

backtrace.txt	24.1 KB	09/16/2016	Brandon Weeks
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