

Foreman - Bug #1166

Statistics - No Inventory data has been found

09/13/2011 12:02 PM - Trey Dockendorf

Status: Closed	
Priority: Normal	
Assignee: Tim Speetjens	
Category: Facts	
Target version: 0.4	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	

Description

I'm having an issue with specific facts causing the statistics page to fail rendering. This has happened on both 0.3 and the Sept 7th nightly. This is the error I get...

```
"No Inventory data has been found - add some hosts and facts and try again"
```

Follow the advice in a previous thread, I found in the debug output which facts were problematic, in my case it was "swapsize" and "swapfree". By commenting out those entries I was able to get Foreman to load the statistics page...

Comments added to app/controllers/statistics_controller.rb

```
    #@swap_size = FactValue.mem_average "swapsize"
    #@swap_free = FactValue.mem_average "swapfree"
    ...
    #:model_count => @model_count, :mem_size => @mem_size, :mem_free =>
@mem_free, :swap_size => @swap_size,
    :model_count => @model_count, :mem_size => @mem_size, :mem_free =>
@mem_free,
    #:swap_free => @swap_free, :mem_totsize =>
@mem_totsize, :mem_totfree => @mem_totfree } }
    :mem_totsize => @mem_totsize, :mem_totfree => @mem_totfree } }
```

Removed these lines in app/views/statistics/index.html.erb

```
<td>
  <%= pie_chart("swap_usage", "Average swap usage", [{"free swap
(GB)", @swap_free}, {"used swap (GB)", @swap_size - @swap_free}]) %>
</td>
```

Here's the error when page fails to load...

```
FactValue Load (0.6ms)  SELECT value FROM 'fact_values' INNER JOIN
'fact_names' ON 'fact_names'.id = 'fact_values'.fact_name_id WHERE
'fact_names'.name = 'swapsize') ORDER BY LOWER(fact_values.value)
Unknown string
```

And these are the two tables with the swap space data...

```
mysql> select value from fact_values inner join fact_names on fact_names.id=fact_values.fact_name_
id where fact_names.name="swapsize" order by lower(fact_values.value);
+-----+
| value |
+-----+
```

```
| 1.50 GB |
| 1.91 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 17.70 GB |
| 3.84 GB |
| 3.84 GB |
| 3.91 GB |
| 3.91 GB |
| 3.91 GB |
| 3.91 GB |
| 3.91 GB |
| 64.00M |
```

```
+-----+
22 rows in set (0.00 sec)
```

```
mysql> select value from fact_values inner join fact_names on fact_names.id=fact_values.fact_name_
id where fact_names.name="swapfree" order by lower(fact_values.value);
```

```
+-----+
| value |
+-----+
| 1.50 GB |
| 1.85 GB |
| 1.86 GB |
| 1.91 GB |
| 1.95 GB |
| 1.96 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 1.97 GB |
| 17.69 GB |
| 3.84 GB |
| 3.84 GB |
| 3.91 GB |
| 3.91 GB |
| 3.91 GB |
| 3.91 GB |
| 3.91 GB |
| 64.00M |
+-----+
```

Let me know what other data would be of use in troubleshooting this.

Thanks
- Trey

Associated revisions

Revision 99a2326b - 10/18/2011 04:38 PM - Tim Speetjens

fixes #1166 - be more liberal in accepted values for to_gb - add better logging message

Signed-off-by: Tim Speetjens <tim.speetjens@gmail.com>

History

#1 - 09/14/2011 02:04 AM - Ohad Levy

any chance you can get a trace? (afair, it should be in the log file).

Ohad

#2 - 09/19/2011 11:55 AM - Trey Dockendorf

Here's the log output when loading the Statistics page. Let me know if anything else would help in this.

```
Processing StatisticsController#index (for 165.91.97.106 at 2011-09-19 10:52:54) [GET]
  User Load (0.2ms)  SELECT * FROM `users` WHERE (`users`.`id` = 1)
Setting current user thread-local variable to admin
  Host Columns (1.9ms)  SHOW FIELDS FROM `hosts`
  SQL (0.2ms)  SELECT count(*) AS count_all, operatingsystem_id AS operatingsystem_id FROM `hosts` GROUP BY o
peratingsystem_id
  Operatingsystem Columns (0.5ms)  SHOW FIELDS FROM `operatingsystems`
  Operatingsystem Load (0.2ms)  SELECT * FROM `operatingsystems` WHERE (`operatingsystems`.`id` IN (1,2,3)) O
RDER BY LOWER(operatingsystems.name)
skipped as it has has no label
  SQL (0.2ms)  SELECT count(*) AS count_all, architecture_id AS architecture_id FROM `hosts` GROUP BY archite
cture_id
  Architecture Columns (0.5ms)  SHOW FIELDS FROM `architectures`
  Architecture Load (0.1ms)  SELECT * FROM `architectures` WHERE (`architectures`.`id` IN (1,2))
skipped as it has has no label
  SQL (0.2ms)  SELECT count(*) AS count_all, environment_id AS environment_id FROM `hosts` GROUP BY environme
nt_id
  Environment Columns (0.4ms)  SHOW FIELDS FROM `environments`
  Environment Load (0.2ms)  SELECT * FROM `environments` WHERE (`environments`.`id` = 1) ORDER BY LOWER(envir
onments.name)
  SQL (1.1ms)  SELECT count(DISTINCT `hosts`.id) AS count_all, puppetclass_id AS puppetclass_id FROM `hosts`
LEFT OUTER JOIN `host_classes` ON (`hosts`.`id` = `host_classes`.`host_id`) LEFT OUTER JOIN `puppetclasses` ON
(`puppetclasses`.`id` = `host_classes`.`puppetclass_id`) GROUP BY puppetclass_id
  Puppetclass Columns (0.6ms)  SHOW FIELDS FROM `puppetclasses`
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 6) ORDER BY LOWER(pup
petclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 9) ORDER BY LOWER(pup
petclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 29) ORDER BY LOWER(pu
ppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 48) ORDER BY LOWER(pu
ppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 70) ORDER BY LOWER(pu
ppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 89) ORDER BY LOWER(pu
ppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 95) ORDER BY LOWER(pu
ppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 96) ORDER BY LOWER(pu
ppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 105) ORDER BY LOWER(p
uppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 106) ORDER BY LOWER(p
uppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 107) ORDER BY LOWER(p
uppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 108) ORDER BY LOWER(p
uppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 109) ORDER BY LOWER(p
uppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 110) ORDER BY LOWER(p
uppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 111) ORDER BY LOWER(p
uppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 112) ORDER BY LOWER(p
uppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 113) ORDER BY LOWER(p
uppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 114) ORDER BY LOWER(p
uppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 115) ORDER BY LOWER(p
uppetclasses.name)
  Puppetclass Load (0.1ms)  SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 120) ORDER BY LOWER(p
uppetclasses.name)
```

```

Puppetclass Load (0.1ms) SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 121) ORDER BY LOWER(p
uppetclasses.name)
Puppetclass Load (0.1ms) SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 124) ORDER BY LOWER(p
uppetclasses.name)
Puppetclass Load (0.1ms) SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 125) ORDER BY LOWER(p
uppetclasses.name)
Puppetclass Load (0.1ms) SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 128) ORDER BY LOWER(p
uppetclasses.name)
Puppetclass Load (0.1ms) SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 129) ORDER BY LOWER(p
uppetclasses.name)
Puppetclass Load (0.1ms) SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 130) ORDER BY LOWER(p
uppetclasses.name)
Puppetclass Load (0.1ms) SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 132) ORDER BY LOWER(p
uppetclasses.name)
Puppetclass Load (0.1ms) SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 135) ORDER BY LOWER(p
uppetclasses.name)
Puppetclass Load (0.1ms) SELECT * FROM `puppetclasses` WHERE (`puppetclasses`.`id` = 138) ORDER BY LOWER(p
uppetclasses.name)
FactValue Columns (0.6ms) SHOW FIELDS FROM `fact_values`
FactValue Load (0.8ms) SELECT value FROM `fact_values` INNER JOIN `fact_names` ON `fact_names`.id = `fact_
values`.fact_name_id WHERE (`fact_names`.`name` = 'processorcount') ORDER BY LOWER(fact_values.value)
FactValue Load (0.6ms) SELECT value FROM `fact_values` INNER JOIN `fact_names` ON `fact_names`.id = `fact_
values`.fact_name_id WHERE (`fact_names`.`name` = 'manufacturer') ORDER BY LOWER(fact_values.value)
FactValue Load (0.5ms) SELECT value FROM `fact_values` INNER JOIN `fact_names` ON `fact_names`.id = `fact_
values`.fact_name_id WHERE (`fact_names`.`name` = 'memorysize') ORDER BY LOWER(fact_values.value)
FactValue Load (0.5ms) SELECT value FROM `fact_values` INNER JOIN `fact_names` ON `fact_names`.id = `fact_
values`.fact_name_id WHERE (`fact_names`.`name` = 'memoryfree') ORDER BY LOWER(fact_values.value)
FactValue Load (0.6ms) SELECT value FROM `fact_values` INNER JOIN `fact_names` ON `fact_names`.id = `fact_
values`.fact_name_id WHERE (`fact_names`.`name` = 'swapsize') ORDER BY LOWER(fact_values.value)
Unknown string
Rendering template within layouts/application
Rendered home/_topbar (1.1ms)
user_notices Columns (0.5ms) SHOW FIELDS FROM `user_notices`
Notice Load (0.2ms) SELECT * FROM `notices` INNER JOIN `user_notices` ON `notices`.id = `user_notices`.not
ice_id WHERE (`user_notices`.user_id = 1 )
Bookmark Load (0.3ms) SELECT * FROM `bookmarks` ORDER BY name
Bookmark Columns (0.6ms) SHOW FIELDS FROM `bookmarks`
Rendered bookmarks/_list (0.7ms)
Rendered bookmarks/_list (2.1ms)
Rendered bookmarks/_list (0.4ms)
Rendered bookmarks/_list (0.1ms)
Rendered bookmarks/_list (0.1ms)
Rendered bookmarks/_list (0.1ms)
Rendered home/_settings (3.0ms)
Rendered home/_menu (16.2ms)
Completed in 557ms (View: 23, DB: 22) | 200 OK [https://<omitted>/statistics]

```

#3 - 10/05/2011 08:18 AM - Tim Speetjens

I think the reason for this failure is an old version of factor, which does not add a space between 64 and M.

I reproduced the error by updating the fact value with plain SQL commands.

I didn't try any factor other than version 1.6.0, but I never had the '64.00M' value, always '\d\d.\d\d [GM]B'

#4 - 10/18/2011 04:51 PM - Tim Speetjens

- Status changed from New to Closed

- % Done changed from 0 to 100

Applied in changeset [99a2326bae9e0086b970a199fa83fd7be37e1460](https://puppetlabs.com/changesets/99a2326bae9e0086b970a199fa83fd7be37e1460).

#5 - 10/18/2011 04:51 PM - Ohad Levy

- Assignee set to Tim Speetjens

- Target version set to 0.4

#6 - 10/19/2011 12:59 PM - Trey Dockendorf

Sorry for delayed response, but that host was a Mac using factor 1.5.8. It was a test, and destroyed it's record in Foreman which solved the problem.

- Trey