

## Foreman - Bug #3876

### API find\_resource by name finds by ID instead when first character of name is a digit

12/13/2013 08:35 PM - Og Maciel

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Joseph Magen	
<b>Category:</b> API	
<b>Target version:</b> 1.5.0	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b>	<b>Found in Releases:</b>
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	
<b>Description</b>	
Noticed that every now and than the Info subcommand for Model returns incorrect results:	
<pre>DEBUG base:188: LANG=en_US hammer -u admin -p changeme model create --info --hardware-model --name='2ez0obdv' --vendor-class='vafqv7gd'</pre>	
<pre>DEBUG base:191: Hardware model created</pre>	
<pre>DEBUG base:188: LANG=en_US hammer -u admin -p changeme --output csv model info --name='2ez0obdv'</pre>	
<pre>DEBUG base:191: Id,Name,Vendor class,HW model,Info,Created at,Updated at 2,nz1e,"","",--hardware-model,2013/12/13 16:21:53,2013/12/13 16:21:53</pre>	
F	
=====	
FAIL: test_create_model_2 (tests.cli.test_model.TestModel)	
Create model with specific vendor class	
-----	
Traceback (most recent call last):	
File "/Users/omaciel/hacking/robottelo/tests/cli/test_model.py", line 26, in test_create_model_2	
self.assertEqual(result['vendor-class'], model.stdout['Vendor class'])	
AssertionError: 'vafqv7gd' != ''	
-----	
Ran 2 tests in 3.636s	
FAILED (failures=1)	
Noticed that the model name is <b>2ez0obdv</b> but Info returns a model whose name is <b>nz1e</b> .	
Packages:	
<ul style="list-style-type: none"><li>• rubygem-hammer_cli_foreman-0.0.12-1.el6.noarch</li><li>• rubygem-hammer_cli-0.0.12-1.el6.noarch</li></ul>	
<b>Related issues:</b>	
Related to Hammer CLI - Bug #3954: Info commands must always use IDs instead ...	<b>Closed</b> <b>01/07/2014</b>

#### Associated revisions

Revision **823d4e1b - 02/21/2014 04:29 PM - Joseph Magen**

fixes #3876 - API find\_resource by name even if name starts with integer

#### History

#1 - 12/13/2013 08:37 PM - Anonymous

- Assignee set to Martin Bacovsky

#2 - 12/13/2013 08:47 PM - Og Maciel

```
[root@qetello02 ~]# hammer model list --per-page=10000
```

HW MODEL	VENDOR CLASS	NAME	ID
		0gzktycs	31
		lyzw1	19
vafqv7gd		2ez0obdv	34
ewpon		6oymg9y	6
5h207		7if2cka	12
		7wjru7	15
		810qi	25
		8kat4ujn	5
maeilu7		at2qr4v4	22
		ax1jm	32
		b7lml	33
		cpqkluf	29
		d30g	21
		fdbc0a	23
		ilmyu49	11
		i9or0	13
y6fe1y		ikbi	38
		iv7llawa	3
v0fd3dmi		jqbuy	36
		jvser	27
		lt08ex	37
cq8vh5		m0pp	14
4du0n8k		me7f2y	9
7f0tej		mhkko	16
myc8s1		morcok51	10
		n68mf8wa	35
6cqf6d		naw0	18
		nz1e	2
bs15		pxz8mhl	26
wju8tjp		q5kpe	8
		qyihyfi	28
		royja7r7	4
23con299		vt0rc9	7
		xw7iar	1
		yy59vr	30
pn6e41		zga39b	20
dtpq		zwn6c	24
		zxjo	17

```
[root@qetello02 ~]# hammer model list --per-page=10000 | grep 2ez0obdv  
| 2ez0obdv | vafqv7gd | 34
```

```
[root@qetello02 ~]# LANG=en_US hammer -u admin -p changeme --output csv model info --name='2ez0obdv'  
Id,Name,Vendor class,HW model,Info,Created at,Updated at  
2,nz1e,"", "", --hardware-model,2013/12/13 16:21:53,2013/12/13 16:21:53
```

### #3 - 01/02/2014 08:15 PM - Og Maciel

```
# hammer -u admin -p changeme --output csv model list --search='name="8m74euv"  
Id,Name,Vendor class,HW model  
15,8m74euv,"", ""
```

```
Started GET "/api/models?search=name%3D%228m74euv%22&per_page=20&page=1" for 127.0.0.1 at 2014-01-02 15:14:10 -0500
```

```
Processing by Api::V2::ModelsController#index as JSON
```

```
Parameters: {"search"=>"name=\"8m74euv\"", "per_page"=>"20", "page"=>"1", "apiv"=>"v2", "model"=>{}}
```

```
Authorized user admin(Admin User)
```

```
Rendered api/v2/models/index.rabl within api/v2/layouts/index_layout (3.3ms)
```

```
Completed 200 OK in 32ms (Views: 4.1ms | ActiveRecord: 13.5ms)
```

```
# hammer -u admin -p changeme --output csv model info --name='8m74euv'
```

```
Id,Name,Vendor class,HW model,Info,Created at,Updated at  
8,foo,"", "", 2014/01/02 16:45:12,2014/01/02 16:45:12
```

```
Started GET "/api/models/8m74euv" for 127.0.0.1 at 2014-01-02 15:14:14 -0500
```

```
Processing by Api::V2::ModelsController#show as JSON
```

```
Parameters: {"apiv"=>"v2", "id"=>"8m74euv", "model"=>{}}
```

```
Authorized user admin(Admin User)
```

```
Rendered api/v2/models/show.rabl (1.4ms)
```

```
Completed 200 OK in 28ms (Views: 2.1ms | ActiveRecord: 14.0ms)
```

**#4 - 01/02/2014 08:32 PM - Dominic Cleal**

- Project changed from Hammer CLI to Foreman
- Category set to API
- Assignee deleted (Martin Bacovsky)

Hammer's using the model's name in the GET /models/:id, but Foreman's then interpreting the name as an ID, taking the first digit of the name to be the ID (e.g. the example in comment 3 shows it returns ID 8 as the name starts with a '8').

There's definitely an API bug here, since an ID with mixed digits and letters should always be interpreted as a name. However I'm wondering now about cases where we have names passed that are purely numeric, should Hammer cope with these? (Do we need a better API, or for Hammer to always use searches first?)

I'm reassigning this bug to core/API, but Martin/Tomas, please clone/create a new one if you agree with the above concern.

**#5 - 01/02/2014 08:48 PM - Dominic Cleal**

- Subject changed from hammer model info sporadically returns incorrect data to API find\_resource by name finds by ID instead when first character of name is a digit

**#6 - 01/07/2014 09:37 AM - Tomáš Strachota**

I agree this is an api bug. I don't think there's a reliable way to pass both names and ids in one parameter. We need to perform searches in hammer. Created [#3954](#).

**#7 - 01/09/2014 03:00 PM - Dominic Cleal**

- Target version set to 1.9.2

**#8 - 01/10/2014 10:01 AM - Tomáš Strachota**

- Related to Bug #3954: Info commands must always use IDs instead of names in api calls added

**#9 - 02/06/2014 12:09 PM - Joseph Magen**

- Status changed from New to Assigned
- Assignee set to Joseph Magen
- Target version changed from 1.9.2 to 1.9.1

**#10 - 02/17/2014 04:24 PM - Joseph Magen**

- Status changed from Assigned to Ready For Testing

<https://github.com/theforeman/foreman/pull/1236>

**#11 - 02/21/2014 04:26 PM - Dominic Cleal**

- translation missing: en.field\_release set to 4

**#12 - 02/21/2014 05:31 PM - Joseph Magen**

- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset [823d4e1bdb3f05d78ac60c7046281cfb588a83fc](#).