

Foreman - Bug #10356

POST and PUT should use RABL templates for the response.

05/04/2015 09:38 AM - Bryan Kearney

| | | |
|------------------------|---|---------------------------|
| Status: | Closed | |
| Priority: | Normal | |
| Assignee: | Alon Goldboim | |
| Category: | API | |
| Target version: | 1.10.0 | |
| Difficulty: | | Fixed in Releases: |
| Triaged: | | Found in Releases: |
| Bugzilla link: | 1216236 | Red Hat JIRA: |
| Pull request: | https://github.com/foreman/foreman/pull/2519 | |

Description

Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1216236

Description of problem:

The API returns significantly different information for the following two calls:

- POST /api/v2/locations
- GET /api/v2/locations/:id

This is problematic for two reasons:

- This is inconsistent with how other paths behave, which makes writing client code harder to do.
- Getting authoritative information about a just-created location requires a follow-up API call, which is time-consuming.

Version-Release number of selected component (if applicable):

Tested against Satellite-6.1.0-RHEL-6-20150424.0 and Satellite-6.1.0-RHEL-7-20150424.0.

How reproducible:

100%

Steps to Reproduce:

Here's a sample script:

```
>>> from nailgun import entities
>>> loc_attrs = entities.Location().create_json()
>>> loc_attrs2 = entities.Location(id=loc_attrs['id']).read_json()
>>> loc_attrs.keys() # contents of response to POST call
[
  u'ancestry',
  u'apply_info_task_id',
  u'created_at',
  u'default_info',
  u'description',
  u'id',
  u'ignore_types',
  u'katello_default',
  u'label',
  u'name',
  u'title',
  u'updated_at',
]
>>> loc_attrs2.keys() # contents of response to GET call
[
  u'compute_resources',
  u'config_templates',
  u'created_at',
  u'description',
```

```
u'domains',
u'environments',
u'hostgroups',
u'id',
u'media',
u'name',
u'organizations',
u'parameters',
u'select_all_types',
u'smart_proxies',
u'subnets',
u'title',
u'updated_at',
u'users',
]
```

Actual results:

The actual results are as shown in the above example.

Expected results:

Both POST and GET requests should return the same information.

Additional info:

Related issues:

| | | |
|--|------------------|-------------------|
| Related to Foreman - Bug #6882: POST create responses should be 201 | Closed | 08/01/2014 |
| Related to Katello - Bug #11156: Org create API returns different wrapping an... | Resolved | 07/20/2015 |
| Has duplicate Foreman - Bug #11015: PUT /api/v2/architectures/:id returns an ... | Duplicate | 07/05/2015 |
| Has duplicate Foreman - Bug #11021: PUT /api/v2/config_templates/:id returns ... | Duplicate | 07/06/2015 |

Associated revisions

Revision d575926a - 07/13/2015 07:36 AM - Alon Goldboim

Fixes #10356 - changed the POST/PUT RABL template to be the same as the GET template

HTTP response code standardized to 201 on create.

Revision 4956aa79 - 10/13/2015 07:54 AM - Dominic Cleal

refs #10356 - document 201 API response code

History

#1 - 05/04/2015 09:39 AM - Bryan Kearney

- Subject changed from POST /api/v2/locations returns an incomplete set of attributes to POST and PUT should use RABL templates for the response.

This was a known issue that the response of POST/PUT is just the object and it doesn't use a RABL template (render :json => @object), whereas the GET :id included all the relationships which are in the RABL template show.json.rabl

#2 - 05/05/2015 03:51 AM - Dominic Cleal

- Category set to API

#3 - 07/06/2015 03:06 AM - Dominic Cleal

- Has duplicate Bug #11015: PUT /api/v2/architectures/:id returns an incomplete set of attributes added

#4 - 07/06/2015 04:32 AM - Dominic Cleal

- Has duplicate Bug #11021: PUT /api/v2/config_templates/:id returns an incomplete set of attributes added

#5 - 07/06/2015 05:24 AM - The Foreman Bot

- Status changed from New to Ready For Testing

- Pull request <https://github.com/foreman/foreman/pull/2519> added

- Pull request deleted ()

#6 - 07/09/2015 06:17 AM - Alon Goldboim

- Related to Bug #6882: POST create responses should be 201 added

#7 - 07/13/2015 07:37 AM - Dominic Cleal

- Assignee set to Alon Goldboim

- translation missing: en.field_release set to 63

#8 - 07/13/2015 08:01 AM - Alon Goldboim

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [d575926a689fd6abd6f26ee2823ce95eef07dd38](#).

#9 - 07/20/2015 09:54 AM - Dominic Cleal

- Related to Bug #11156: Org create API returns different wrapping and attributes added