**Foreman - Bug #27107**

pagination API expects strings while the values really should be numeric

06/24/2019 07:17 AM - Evgeni Golov

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<td>Priority:</td>
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<tr>
<td>Assignee:</td>
<td>Evgeni Golov</td>
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<tr>
<td>Category:</td>
<td>API</td>
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<td>Target version:</td>
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<td>Difficulty:</td>
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<td>Pull request:</td>
<td><a href="https://github.com/theforeman/foreman/pull/6857">https://github.com/theforeman/foreman/pull/6857</a></td>
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<td>Triaged:</td>
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<td>Found in Releases:</td>
<td>1.23.0</td>
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<td>Bugzilla link:</td>
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**Description**

https://theforeman.org/api/1.22/apidoc/v2/architectures/index.html (and all other Foreman objects) says:

page (optional) paginate results
Validations: Must be a String

per_page (optional) number of entries per request
Validations: Must be a String

If you compare this to Katello (https://theforeman.org/plugins/katello/3.12/api/apidoc/v2/activation_keys/index.html), you see:

page (optional) Page number, starting at 1
Validations: Must be a number.

per_page (optional) Number of results per page to return
Validations: Must be a number.

This is IMHO both more logical from the wording and the validations.

The problem with the Foreman approach is that if an API client actually looks at "expected_type" (which is "string" in Foreman and "numeric" in Katello), it will refuse to pass integers to the API.

**Associated revisions**

Revision 6c8aa5db - 07/04/2019 12:36 PM - Evgeni Golov

Fixes #27107 - make pagination expect numbers, not strings

This also updates the wording of the 'page' param to reflect it's the page to load, not a flag to enable pagination.

It also makes the InterfacesController use the pagination group from the BaseController instead of defining the same params again.

**History**

#1 - 06/24/2019 07:26 AM - The Foreman Bot
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/6857 added

#2 - 07/04/2019 12:37 PM - Tomer Brisker
- Fixed in Releases 1.23.0 added

#3 - 07/04/2019 01:01 PM - Evgeni Golov
- Status changed from Ready For Testing to Closed

Applied in changeset 6c8aa5db1f238dcd9d071199c101f2a7f6cad6d4.