I have been trying to create a filter for a role on the FactValue resource. Applying filters with equals operator works perfectly fine, but filtering with a like search raises a "malformed format string - %k (ArgumentError)". This happens both via WebUI and via hammer.

Here is the stacktrace hammer shows me when updating the filter via "hammer filter update --id <id> --search 'host ~ <name>'":

```
/opt/theforeman/tfm/root/usr/share/gems/gems/fast_gettext-1.1.0/lib/fast_gettext/vendor/string.rb:70:in `%': malformed format string - %k (ArgumentError)
  from /opt/theforeman/tfm/root/usr/share/gems/gems/fast_gettext-1.1.0/lib/fast_gettext/vendor/string.rb:70:in `%'
  from /opt/theforeman/tfm/root/usr/share/gems/gems/hammer_cli-0.7.0/lib/hammer_cli/utils.rb:12:in `format'
  from /opt/theforeman/tfm/root/usr/share/gems/gems/hammer_cli-0.7.0/lib/hammer_cli/output/adapter/abstract.rb:32:in `print_error'
  from /opt/theforeman/tfm/root/usr/share/gems/gems/hammer_cli-0.7.0/lib/hammer_cli/output/output.rb:16:in `print_error'
  from /opt/theforeman/tfm/root/usr/share/gems/gems/hammer_cli-0.7.0/lib/hammer_cli/exception_handler.rb:45:in `print_error'
  from /opt/theforeman/tfm/root/usr/share/gems/gems/hammer_cli-0.7.0/lib/hammer_cli/exception_handler.rb:62:in `handle_general_exception'
  from /opt/theforeman/tfm/root/usr/share/gems/gems/hammer_cli-0.7.0/lib/hammer_cli/exception_handler.rb:28:in `handle_exception'
  from /opt/theforeman/tfm/root/usr/share/gems/gems/hammer_cli-0.7.0/lib/hammer_cli/abstract.rb:26:in `rescue in run'
  from /opt/theforeman/tfm/root/usr/share/gems/gems/hammer_cli-0.7.0/lib/hammer_cli/abstract.rb:22:in `run'
  from /bin/hammer:23:in `load'
  from /bin/hammer:23:in `<main>'
```

The same error message (malformed format string - %k) appears in the WebUI when applying a like filter on the facts page in the filter box, or when searching facts via hammer with a like search.

This was tested on Katello 3.1/Foreman 1.12.4, but since I could not find a ticket for this issue, I'm assuming this bug is still around.

Associated revisions

Revision bcb74718 - 07/13/2017 07:57 AM - Kavita Gaikwad
Fixes #17360 - Prevent % string interpolation in scoped_search

History

#1 - 11/16/2016 10:04 AM - Dominic Cleal
- Category set to Search

Trivially reproducible with:

```
$ bin/rails runner "FactValue.search_for('host ~ a')"
Running via Spring preloader in process 26304
```
I suspect the stack trace above could be issue #11178 where the error message is being misinterpreted, and the root cause is something more similar to the search above failing.

#2 - 06/01/2017 01:32 AM - Kavita Gaikwad
   - Assignee set to Kavita Gaikwad

#3 - 07/12/2017 09:35 AM - The Foreman Bot
   - Status changed from New to Ready For Testing
   - Pull request https://github.com/theforeman/foreman/pull/4664 added

#4 - 07/12/2017 10:04 AM - Kavita Gaikwad
   - Target version set to 1.17.0-RC1

#5 - 07/13/2017 07:58 AM - Tomer Brisker
   - Legacy Backlogs Release (now unused) set to 240

#6 - 07/13/2017 08:01 AM - Kavita Gaikwad
   - Status changed from Ready For Testing to Closed
   - % Done changed from 0 to 100

Applied in changeset bcb747183e90ebf60bca672zcea81b05ba82810.