

## Foreman - Bug #33240

### Facts import after code change in DEV environment don't work

08/11/2021 10:58 AM - Leos Stejskal

<b>Status:</b>	Resolved	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Adi Abramovitch	
<b>Category:</b>	Facts	
<b>Target version:</b>		
<b>Difficulty:</b>		<b>Fixed in Releases:</b>
<b>Triaged:</b>	Yes	<b>Found in Releases:</b> Nightly
<b>Bugzilla link:</b>		<b>Red Hat JIRA:</b>
<b>Pull request:</b>	<a href="https://github.com/theforeman/foreman/pull/8027">https://github.com/theforeman/foreman/pull/8027</a>	

#### Description

Change in the code while in DEV environment cause error during fact import, the only fix is restart.

#### Steps to reproduce

- Generate registration command (Hosts > Register Host) and register CentOS machine
- Do some change in the code (for example add comment somewhere in controller classes)
- Try to register host again (with --force parameter)

#### Error

```
2021-08-11T10:53:05 [I|app|80d9e34e] Import facts for 'stream.example.com' completed. Added: 156, Updated: 0, Deleted 0 facts
2021-08-11T10:53:05 [E|kat|80d9e34e] NoMethodError: undefined method `new' for nil:NilClass
80d9e34e | /home/vagrant/foreman/app/services/host_fact_importer.rb:47:in `block in parse_facts'
80d9e34e | /home/vagrant/foreman/app/services/host_fact_importer.rb:90:in `block in skipping_orchestration'
80d9e34e | /home/vagrant/foreman/app/models/concerns/orchestration.rb:124:in `without_orchestration'
80d9e34e | /home/vagrant/foreman/app/services/host_fact_importer.rb:89:in `skipping_orchestration'
80d9e34e | /home/vagrant/foreman/app/services/host_fact_importer.rb:45:in `parse_facts'
80d9e34e | /home/vagrant/foreman/app/services/host_fact_importer.rb:34:in `import_facts'
80d9e34e | /home/vagrant/foreman/app/models/host/base.rb:143:in `import_facts'
80d9e34e | /home/vagrant/katello/app/models/katello/host/subscription_facet.rb:220:in `update_facts'
80d9e34e | /home/vagrant/katello/app/services/katello/registration_manager.rb:217:in `create_in_candlepin'
80d9e34e | /home/vagrant/katello/app/services/katello/registration_manager.rb:171:in `block in register_host'
80d9e34e | /home/vagrant/foreman/app/models/concerns/foreman/thread_session.rb:108:in `as'
80d9e34e | /home/vagrant/foreman/app/models/concerns/foreman/thread_session.rb:114:in `as_anonymous_admin'
80d9e34e | /home/vagrant/katello/app/services/katello/registration_manager.rb:169:in `register_host'
80d9e34e | /home/vagrant/katello/app/services/katello/registration_manager.rb:40:in `process_registration'
80d9e34e | /home/vagrant/katello/app/controllers/katello/api/rhsm/candlepin_proxies_controller.rb:234:in `consumer_activate'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_controller/metal/basic_implicit_render.rb:6:in `send_action'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/abstract_controller/base.rb:195:in `process_action'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_controller/metal/rendering.rb:30:in `process_action'
```

```
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/abstract_controller/callbacks.rb:42:in `block in process_action'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/activesupport-6.0.3.7/lib/active_support/callbacks.rb:112:in `block in run_callbacks'
80d9e34e | /home/vagrant/katello/app/controllers/katello/api/rhsm/candlepin_proxies_controller.rb:35:in `repackage_message'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/activesupport-6.0.3.7/lib/active_support/callbacks.rb:121:in `block in run_callbacks'
80d9e34e | /home/vagrant/foreman/app/controllers/concerns/foreman/controller/timezone.rb:10:in `set_timezone'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/activesupport-6.0.3.7/lib/active_support/callbacks.rb:121:in `block in run_callbacks'
80d9e34e | /home/vagrant/foreman/app/models/concerns/foreman/thread_session.rb:32:in `clear_thread'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/activesupport-6.0.3.7/lib/active_support/callbacks.rb:121:in `block in run_callbacks'
80d9e34e | /home/vagrant/foreman/app/controllers/concerns/foreman/controller/topbar_sweeper.rb:12:in `set_topbar_sweeper_controller'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/activesupport-6.0.3.7/lib/active_support/callbacks.rb:121:in `block in run_callbacks'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/audited-4.10.0/lib/audited/sweeper.rb:14:in `around'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/activesupport-6.0.3.7/lib/active_support/callbacks.rb:121:in `block in run_callbacks'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/audited-4.10.0/lib/audited/sweeper.rb:14:in `around'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/activesupport-6.0.3.7/lib/active_support/callbacks.rb:121:in `block in run_callbacks'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/activesupport-6.0.3.7/lib/active_support/callbacks.rb:139:in `run_callbacks'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/abstract_controller/callbacks.rb:41:in `process_action'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_controller/metal/rescue.rb:22:in `process_action'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_controller/metal/instrumentation.rb:33:in `block in process_action'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/activesupport-6.0.3.7/lib/active_support/notifications.rb:180:in `block in instrument'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/activesupport-6.0.3.7/lib/active_support/notifications/instrumenter.rb:24:in `instrument'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/activesupport-6.0.3.7/lib/active_support/notifications.rb:180:in `instrument'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_controller/metal/instrumentation.rb:32:in `process_action'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_controller/metal/params_wrapper.rb:245:in `process_action'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/activerecord-6.0.3.7/lib/active_record/railties/controller_runtime.rb:27:in `process_action'
80d9e34e | /home/vagrant/katello/app/controllers/katello/concerns/api/api_controller.rb:50:in `process_action'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/abstract_controller/base.rb:136:in `process'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionview-6.0.3.7/lib/action_view/rendering.rb:39:in `process'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_controller/metal.rb:190:in `dispatch'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_controller/metal.rb:254:in `dispatch'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/routing/route_set.rb:50:in `dispatch'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/routing/route_set.rb:33:in `serve'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/routing/mapper.rb:18:in `block in <class:Constraints>'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/routing/mapper.rb:48:in `serve'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/j
```

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ourney/router.rb:49:in `block in serve'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/j
ourney/router.rb:32:in `each'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/
journey/router.rb:32:in `serve'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/r
outing/route_set.rb:834:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/railties-6.0.3.7/lib/rails/engine.rb:527
:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/railties-6.0.3.7/lib/rails/railtie.rb:
190:in `public_send'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/railties-6.0.3.7/lib/rails/railtie.rb:19
0:in `method_missing'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/r
outing/mapper.rb:19:in `block in <class:Constraints>'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/
routing/mapper.rb:48:in `serve'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/j
ourney/router.rb:49:in `block in serve'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/j
ourney/router.rb:32:in `each'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/
journey/router.rb:32:in `serve'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/r
outing/route_set.rb:834:in `call'
 80d9e34e | /home/vagrant/katello/lib/katello/middleware/organization_created_enforcer.rb:18:in `c
all'
 80d9e34e | /home/vagrant/katello/lib/katello/middleware/event_daemon.rb:10:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/m
iddleware/static.rb:126:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/m
iddleware/static.rb:126:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/apipie-dsl-2.4.0/lib/apipie_dsl/
static_dispatcher.rb:67:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/apipie-rails-0.5.19/lib/apipie/static_di
spatcher.rb:66:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/bullet-6.1.4/lib/bullet/rack.rb:15:in `c
all'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/apipie-rails-0.5.19/lib/apipie/extractor
/recorder.rb:137:in `call'
 80d9e34e | /home/vagrant/foreman/lib/foreman/middleware/telemetry.rb:10:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/apipie-rails-0.5.19/lib/apipie/middlewar
e/checksum_in_headers.rb:27:in `call'
 80d9e34e | /home/vagrant/foreman/lib/foreman/middleware/catch_json_parse_errors.rb:9:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/rack-openid-1.4.2/lib/rack/openid.rb:98:
in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/rack-2.2.3/lib/rack/tempfile_reaper.rb:1
5:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/rack-2.2.3/lib/rack/etag.rb:27:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/rack-2.2.3/lib/rack/conditional_get.rb:4
0:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/rack-2.2.3/lib/rack/head.rb:12:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/
http/content_security_policy.rb:18:in `call'
 80d9e34e | /home/vagrant/foreman/lib/foreman/middleware/logging_context_session.rb:22:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/rack-2.2.3/lib/rack/session/abstract/id.
rb:266:in `context'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/rack-2.2.3/lib/rack/session/abstract/id.
rb:260:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/m
iddleware/cookies.rb:648:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/activerecord-6.0.3.7/lib/active_record/m
igration.rb:567:in `call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/
middleware/callbacks.rb:27:in `block in call'
 80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/activesupport-6.0.3.7/lib/active_support
/callbacks.rb:101:in `run_callbacks'
```

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80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/m
iddleware/callbacks.rb:26:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/
middleware/executor.rb:14:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/m
iddleware/actionable_exceptions.rb:18:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/m
iddleware/debug_exceptions.rb:32:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/
middleware/show_exceptions.rb:33:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/railties-6.0.3.7/lib/rails/rack/logger.r
b:37:in `call_app'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/railties-6.0.3.7/lib/rails/rack/logger.r
b:28:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/sprockets-rails-3.2.2/lib/sprockets/
rails/quiet_assets.rb:13:in `call'
80d9e34e | /home/vagrant/foreman/lib/foreman/middleware/logging_context_request.rb:11:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/m
iddleware/remote_ip.rb:81:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/
middleware/request_id.rb:27:in `call'
80d9e34e | /home/vagrant/katello/lib/katello/prevent_json_parsing.rb:12:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/rack-2.2.3/lib/rack/method_override.rb:2
4:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/rack-2.2.3/lib/rack/runtime.rb:22:in
`call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/activesupport-6.0.3.7/lib/active_support
/cache/strategy/local_cache_middleware.rb:29:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/m
iddleware/executor.rb:14:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/
middleware/static.rb:126:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/rack-2.2.3/lib/rack/sendfile.rb:110:in `
call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/actionpack-6.0.3.7/lib/action_dispatch/m
iddleware/host_authorization.rb:82:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/secure_headers-6.3.2/lib/secure_headers/
middleware.rb:11:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/railties-6.0.3.7/lib/rails/engine.rb:527
:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/railties-6.0.3.7/lib/rails/railtie.rb:19
0:in `public_send'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/railties-6.0.3.7/lib/rails/railtie.rb:
190:in `method_missing'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/rack-2.2.3/lib/rack/urlmap.rb:74:in `
block in call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/rack-2.2.3/lib/rack/urlmap.rb:58:in `eac
h'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/rack-2.2.3/lib/rack/urlmap.rb:58:in
`call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/puma-5.4.0/lib/puma/configuration.rb:249
:in `call'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/puma-5.4.0/lib/puma/request.rb:77:in `bl
ock in handle_request'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/puma-5.4.0/lib/puma/thread_pool.rb:340
:in `with_force_shutdown'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/puma-5.4.0/lib/puma/request.rb:76:in `
handle_request'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/puma-5.4.0/lib/puma/server.rb:440:in `pr
ocess_client'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/puma-5.4.0/lib/puma/thread_pool.rb:147
:in `block in spawn_thread'
80d9e34e | /home/vagrant/foreman/.vendor/ruby/2.7.0/gems/logging-2.3.0/lib/logging/diagnostic_con
text.rb:474:in `block in create_with_logging_context'
2021-08-11T10:53:05 [I|app|80d9e34e] Completed 500 Internal Server Error in 4647ms (Views: 0.3ms |
ActiveRecord: 439.8ms | Allocations: 512389)
80d9e34e |
```

```
80d9e34e |
2021-08-11T10:53:05 [D|app|80d9e34e] With body: {"displayMessage":"undefined method `new' for nil
:nilClass", "errors":["undefined method `new' for nil:nilClass"]}
80d9e34e |
```

## History

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### #1 - 09/06/2021 01:28 PM - Amit Upadhye

- Target version changed from 3.0.0 to 3.0.1

### #2 - 10/19/2021 09:13 AM - Tomer Brisker

- Target version deleted (3.0.1)

Removing target version as this only affects development.

### #3 - 12/14/2021 06:31 PM - Adi Abramovitch

- Assignee set to Adi Abramovitch

### #4 - 12/20/2021 11:45 AM - Adi Abramovitch

- Status changed from New to Resolved

- Pull request <https://github.com/theforeman/foreman/pull/8027> added