

Katello - Bug #7621

Duplicate Operating Systems

09/24/2014 04:47 AM - Andreas Pfaffeneder

Status: Closed	
Priority: High	
Assignee: Justin Sherrill	
Category: Hosts	
Target version: Katello 2.0	
Difficulty: easy	Fixed in Releases:
Triaged: Yes	Found in Releases:
Bugzilla link: 1150434	Red Hat JIRA:
Pull request: https://github.com/Katello/katello/pull/4686	
Description	
Foreman 2.0 installed with foreman-deploy on centos 6, selinux=enforcing	
Issue is, that I have synced three operating systems (fedora 20, centos 6.5 and centos7, all x86_64 only) from official mirrors.	
The problem is that centos 7 and fedora 20 (but not centos 6) show approximately 30-60 entries in the operating systems overview which can be found below "Host" -> "Provisioning Setup".	
Removing the redundant entries via Hammer works, but these show up again after some time with another os-id, which seems to be incremented straight.	
I assume it is pulp related but not sure, so no category chosen.	

Associated revisions

Revision 7bf74589 - 09/25/2014 03:03 PM - Justin Sherrill

fixes #7621 - treat a nil minor OS version as empty string

other wise we will forever create operating systems in foreman

Revision 5db696e7 - 09/25/2014 04:11 PM - Justin Sherrill

Merge pull request #4686 from jsherrill/7621

fixes #7621 - treat a nil minor OS version as empty string

History

#1 - 09/24/2014 05:06 AM - Andreas Pfaffeneder

Sorry, Foreman 2.0 should be Katello 2.0.

#2 - 09/24/2014 08:55 AM - Andreas Pfaffeneder

URLs synced, excluding Centos 6.5 because this seems to work:

Centos 7:

http://ftp-stud.fht-esslingen.de/pub/Mirrors/centos/7/centosplus/x86_64/
http://ftp-stud.fht-esslingen.de/pub/Mirrors/centos/7/extras/x86_64/
http://ftp-stud.fht-esslingen.de/pub/Mirrors/centos/7/fasttrack/x86_64/
http://ftp-stud.fht-esslingen.de/pub/Mirrors/centos/7/os/x86_64/
http://ftp-stud.fht-esslingen.de/pub/Mirrors/centos/7/os/x86_64/
http://ftp-stud.fht-esslingen.de/pub/Mirrors/centos/7/updates/x86_64/
http://ftp-stud.hs-esslingen.de/pub/epel/7/x86_64/

Fedora 20:

http://mirror2.hs-esslingen.de/fedora/linux/releases/20/Fedora/x86_64/os/
http://ftp.uni-kl.de/pub/linux/fedora/linux/updates/20/x86_64/

#3 - 09/25/2014 01:12 AM - Andreas Pfaffeneder

Some news:

The content view (only containing Centos 6) was removed, the products centos7 and fedora20 have been removed, too, to get a clean state again.

Then I added a new product "Centos7" (capitalized C to distinguish from the old product). Again I synced the Mirror from <http://ftp-stud.fht-esslingen.de/pub/Mirrors/centos/7/> and all subsequent repos. All synced fine except the OS-Repository:

1.) Pulp seems to have no problem syncing the repo, but some import-logic seems to fail:

/var/log/messages (with pulp-log=debug):

```
Sep 24 20:38:19 katello2 pulp: pulp.server.event.http:INFO: {'call_report': {'u'exception': None, u'task_type':  
u'pulp.server.tasks.repository.sync_with_auto_publish', u'task_id': u'34ff8e6f-d28a-4cee-8793-0da03d6d1779', u'tags':  
[u'pulp:repository:pfaffeneder-Centos7-os_x86_64', u'pulp:action:sync'], u'finish_time': None, u'_ns': u'task_status', u'start_time':  
u'2014-09-24T18:09:16Z', u'traceback': None, u'spawned_tasks': [], u'progress_report': {'u'yum_importer': {'u'content': {'u'size_total': 0, u'items_left': 0,  
u'items_total': 0, u'state': u'FINISHED', u'size_left': 0, u'details': {'u'rpm_total': 0, u'rpm_done': 0, u'drpm_total': 0, u'drpm_done': 0}, u'error_details': [],  
u'comps': {'u'state': u'FINISHED'}, u'distribution': {'u'items_total': 6, u'state': u'FINISHED', u'error_details': [], u'items_left': 0, u'errata': {'u'state':  
u'FINISHED'}, u'metadata': {'u'state': u'FINISHED'}}}}, u'queue': u'reserved_resource_worker-1@katello2.zuhause-local.de.dq', u'state': u'running',  
u'result': None, u'error': None, u'_id': ObjectId('542308474854101afac13389'), u'id': u'5423084745347a07252cb6de', 'event_type': 'repo.sync.finish',  
'payload': {'importer_id': u'yum_importer', 'exception': None, 'repo_id': u'pfaffeneder-Centos7-os_x86_64', 'traceback': None, 'started':  
'2014-09-24T20:09:16+02:00', '_ns': u'repo_sync_results', 'completed': '2014-09-24T20:38:19+02:00', 'importer_type_id': u'yum_importer',  
'error_message': None, 'summary': {'content': {'state': 'FINISHED'}, 'comps': {'state': 'FINISHED'}, 'distribution': {'state': 'FINISHED'}, 'errata': {'state':  
'FINISHED'}, 'metadata': {'state': 'FINISHED'}}, 'added_count': 99, 'result': 'success', 'updated_count': 8466, 'details': {'content': {'size_total': 0,  
'items_left': 0, 'items_total': 0, 'state': 'FINISHED', 'size_left': 0, 'details': {'rpm_total': 0, 'rpm_done': 0, 'drpm_total': 0, 'drpm_done': 0}, 'error_details':  
[], 'comps': {'state': 'FINISHED'}, 'distribution': {'items_total': 6, 'state': 'FINISHED', 'error_details': [], 'items_left': 0}, 'errata': {'state': 'FINISHED'},  
'metadata':
```

2.) The import failing:

Id: 26d1433c-9f85-4855-b661-679a491bb7df

Label: Actions::Katello::Repository::Sync

Name: Synchronize

Owner: admin

Started at: 2014-09-24 18:07:01 UTC

Ended at:

State: paused

Result: error

Params: repository 'os x86_64'; product 'Centos7'; organization 'pfaffeneder'

Action:

Actions::Katello::Repository::UpdateMedia

Input:

```
{"repo_id"=>40, "locale"=>"en"}
```

Output:

```
{}
```

Exception:

ActiveRecord::RecordInvalid: Validation failed: Name has already been taken

Backtrace:

```
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/validations.rb:56:in `save!'  
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/attribute_methods/dirty.rb:33:in `save!'  
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:246:in `block in save!'  
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:295:in `block in with_transaction_returning_status'  
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/abstract/database_statements.rb:192:in  
`transaction'  
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:208:in `transaction'  
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:293:in `with_transaction_returning_status'  
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:246:in `save!'  
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/validations.rb:41:in `create!'  
/opt/rh/ruby193/root/usr/share/gems/gems/katello-2.0.0/app/models/katello/concerns/medium_extensions.rb:53:in `find_or_create_medium'  
/opt/rh/ruby193/root/usr/share/gems/gems/katello-2.0.0/app/models/katello/concerns/medium_extensions.rb:35:in `update_media'  
/opt/rh/ruby193/root/usr/share/gems/gems/katello-2.0.0/app/lib/actions/katello/repository/update_media.rb:24:in `finalize'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/action.rb:465:in `block (2 levels) in execute_finalize'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware/stack.rb:26:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware/stack.rb:26:in `pass'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware.rb:16:in `pass'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/action/progress.rb:30:in `with_progress_calculation'  
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/action/progress.rb:22:in `finalize'
```

/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware/stack.rb:22:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware/stack.rb:26:in `pass'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware.rb:16:in `pass'
/opt/rh/ruby193/root/usr/share/gems/gems/katello-2.0.0/app/lib/actions/middleware/keep_locale.rb:28:in `block in finalize'
/opt/rh/ruby193/root/usr/share/gems/gems/katello-2.0.0/app/lib/actions/middleware/keep_locale.rb:35:in `with_locale'
/opt/rh/ruby193/root/usr/share/gems/gems/katello-2.0.0/app/lib/actions/middleware/keep_locale.rb:28:in `finalize'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware/stack.rb:22:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware/world.rb:30:in `execute'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/action.rb:464:in `block in execute_finalize'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/action.rb:365:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/action.rb:365:in `block in with_error_handling'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/action.rb:365:in `catch'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/action.rb:365:in `with_error_handling'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/action.rb:463:in `execute_finalize'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/action.rb:230:in `execute'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/execution_plan/steps/abstract_flow_step.rb:9:in `block (2 levels) in execute'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/execution_plan/steps/abstract.rb:152:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/execution_plan/steps/abstract.rb:152:in `with_meta_calculation'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/execution_plan/steps/abstract_flow_step.rb:8:in `block in execute'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/execution_plan/steps/abstract_flow_step.rb:22:in `open_action'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/execution_plan/steps/abstract_flow_step.rb:7:in `execute'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/executors/parallel/sequential_manager.rb:72:in `run_step'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/executors/parallel/sequential_manager.rb:57:in `dispatch'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/executors/parallel/sequential_manager.rb:64:in `block in run_in_sequence'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/executors/parallel/sequential_manager.rb:64:in `each'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/executors/parallel/sequential_manager.rb:64:in `all?'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/executors/parallel/sequential_manager.rb:64:in `run_in_sequence'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/executors/parallel/sequential_manager.rb:53:in `dispatch'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/executors/parallel/sequential_manager.rb:28:in `block (2 levels) in finalize'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware/stack.rb:26:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware/stack.rb:26:in `pass'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware.rb:16:in `pass'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware.rb:41:in `finalize_phase'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware/stack.rb:22:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware/stack.rb:26:in `pass'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware.rb:16:in `pass'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware.rb:41:in `finalize_phase'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware/stack.rb:22:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/middleware/world.rb:30:in `execute'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/executors/parallel/sequential_manager.rb:27:in `block in finalize'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/abstract/database_statements.rb:192:in `transaction'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:208:in `transaction'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/transaction_adapters/active_record.rb:5:in `transaction'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/executors/parallel/sequential_manager.rb:24:in `finalize'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/executors/parallel/worker.rb:23:in `block in on_message'
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:859:in `block in assigns'
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:858:in `tap'
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:858:in `assigns'
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:138:in `match_value'
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:116:in `block in match'
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:115:in `each'
/opt/rh/ruby193/root/usr/share/gems/gems/algebrick-0.4.0/lib/algebrick.rb:115:in `match'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/executors/parallel/worker.rb:17:in `on_message'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/micro_actor.rb:82:in `on_envelope'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/micro_actor.rb:72:in `receive'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/micro_actor.rb:99:in `block (2 levels) in run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/micro_actor.rb:99:in `loop'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/micro_actor.rb:99:in `block in run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/micro_actor.rb:99:in `catch'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/micro_actor.rb:99:in `run'
/opt/rh/ruby193/root/usr/share/gems/gems/dynflow-0.7.3/lib/dynflow/micro_actor.rb:13:in `block in initialize'
/opt/rh/ruby193/root/usr/share/gems/gems/logging-1.8.1/lib/logging/agnostic_context.rb:323:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/logging-1.8.1/lib/logging/agnostic_context.rb:323:in `block in create_with_logging_context'

And finally looking at "Operating Systems" again: 41 entries, being Centos7 40 of them.

#4 - 09/25/2014 11:57 AM - The Foreman Bot

- Status changed from New to Ready For Testing

- Target version set to 56

- Pull request <https://github.com/Katello/katello/pull/4686> added

- Pull request deleted ()

#5 - 09/25/2014 01:34 PM - Justin Sherrill

- Category set to 83

- Assignee set to Justin Sherrill

- Priority changed from Normal to High

- Difficulty set to easy

- Triaged changed from No to Yes

#6 - 09/25/2014 02:43 PM - Andreas Pfaffeneder

Applying the patch fixes the problem for Fedora 20 and Centos 7 without minor-version.

Please include in the release as soon as possible.

#7 - 09/25/2014 05:01 PM - Justin Sherrill

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [katello|7bf74589a76ac5d8295a0aeb2032e4c7fb5fe407](#).

#8 - 01/27/2015 06:50 PM - Justin Sherrill

- Bugzilla link set to 1150434