

Katello - Bug #37403

Content view publish failing with katello_repository_rpms_id_seq reached maximum value error

05/02/2024 07:16 PM - Ian Ballou

Status:	Closed	
Priority:	Normal	
Assignee:	Ian Ballou	
Category:	Content Views	
Target version:	Katello 4.13.0	
Difficulty:		Fixed in Releases: Katello 4.13.0
Triaged:	Yes	Found in Releases:
Bugzilla link:	2278566	Red Hat JIRA:
Pull request:	https://github.com/Katello/katello/pull/10983	

Description

Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=2278566

Description of problem:

Unable to publish the content view due to limitation of katello_repository_rpms_id_seq because it is set as integer type. The "id" column of the table "katello_repository_rpms" is set as bigint however, the sequence "katello_repository_rpms_id_seq" is set as Integer. Therefore, the sequence limit to max integer value +2,147,483,647. When this limit reaches, CU can not publish/promote content view with this below error:

```
PG::SequenceGeneratorLimitExceeded: ERROR: nextval: reached maximum value of sequence "katello_repository_rpms_id_seq" (2147483647)
```

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

Any version

How reproducible:

100%

Actual results:

CV publish failing with the maximum value reached error.

Expected results:

CV publish should be successful

Additional info:

```
1. \d katello_repository_rpms;
Table "public.katello_repository_rpms"
Column | Type | Collation | Nullable | Default
-----+-----+-----+-----+-----
id | bigint | | not null | nextval("katello_repository_rpms_id_seq":regclass). <=====
rpm_id | integer | | not null |
repository_id | integer | | |
created_at | timestamp without time zone | | |
updated_at | timestamp without time zone | | |

1. \d katello_repository_rpms_id_seq;"
Sequence "public.katello_repository_rpms_id_seq"
Type | Start | Minimum | Maximum | Increment | Cycles? | Cache
-----+-----+-----+-----+-----+-----+-----
integer | 1 | 1 | 2147483647 | 1 | no | 1

1. select * from pg_sequences where sequencename='katello_repository_rpms_id_seq';
schemaname | sequencename | sequenceowner | data_type | start_value | min_value | max_value | increment_by |
cycle | cache_size | last_value
```

public		katello_repository_rpms_id_seq		foreman		integer		1		1		2147483647		1		f		1	
2147483647																			
(1 row)																			

Associated revisions

Revision **b405249f** - 05/06/2024 09:16 PM - Ian Ballou

Fixes #37403 - make repository rpm ID sequence bigint

History

#1 - 05/02/2024 07:45 PM - The Foreman Bot

- Status changed from *New* to *Ready For Testing*
- Assignee set to *Ian Ballou*
- Pull request <https://github.com/Katello/katello/pull/10983> added

#2 - 05/06/2024 09:16 PM - The Foreman Bot

- Fixed in Releases *Katello 4.13.0* added

#3 - 05/06/2024 10:00 PM - Anonymous

- Status changed from *Ready For Testing* to *Closed*

Applied in changeset [katello|b405249f329da215e31088fd5433ae8e01727b5a](#).

#4 - 05/08/2024 05:40 PM - Partha Aji

- Subject changed from *Content view publish failing with katello_repository_rpms_id_seq reached maximum value error* to *Content view publish failing with katello_repository_rpms_id_seq reached maximum value error*
- Target version set to *Katello 4.13.0*
- Triaged changed from *No* to *Yes*