

Migration Plugin - Task #6963

Add a function for cleaning up database between migration plugin tests

06/11/2020 05:03 PM - dkliban@redhat.com

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	High	Due date:	
Assignee:	ttereshc	% Done:	100%
Category:		Estimated time:	0:00 hour
Sprint/Milestone:	0.3.0	Tags:	
Platform Release:		Sprint:	Sprint 79
Groomed:	Yes	Quarter:	
Sprint Candidate:	No		

Description

Problem

The migration plugin tests need to be able to clean up the Pulp 3 database at the end of most tests.

Solution

A new function needs to be written that is going to remove data from all the tables that are involved in the migration. This function needs to load a list of tables by looking at all the available models from the pulpcore app config. SQL code should be generated to delete everything from each of the tables associated with each of the models.

We can probably reuse a lot of the code from the Django flush command:
<https://github.com/django/django/blob/master/django/core/management/commands/flush.py#L27>

Rejected solution

Using django reset_db requires all connections to the db being closed, it means that pulp workers needs to be down. It seems not time effective to that (stop services, clean db, run migrations,start services) for every test or every group of tests.

Associated revisions

Revision 4ec9a1b3 - 08/18/2020 05:59 PM - ttereshc

Add a teardown util which removes all data from pulp db.

Run it after each existing test.

closes #6963 <https://pulp.plan.io/issues/6963>

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History

#1 - 06/11/2020 05:03 PM - dkliban@redhat.com

- Description updated

#2 - 06/15/2020 10:22 AM - ttereshc

- Description updated

- Groomed changed from No to Yes

- Sprint set to Sprint 75

#3 - 06/15/2020 07:06 PM - ttereshc

- Sprint/Milestone set to 0.2.0

#4 - 06/26/2020 06:04 PM - rchan

- Sprint changed from Sprint 75 to Sprint 76

#5 - 06/29/2020 07:48 PM - ttereshc

- Priority changed from Normal to High

#6 - 07/10/2020 08:35 PM - rchan

- Sprint changed from Sprint 76 to Sprint 77

#7 - 07/27/2020 08:34 PM - ttereshc

- Status changed from NEW to ASSIGNED

- Sprint changed from Sprint 77 to Sprint 78

#8 - 08/03/2020 08:28 PM - ipanova@redhat.com

- Assignee set to ttereshc

#9 - 08/07/2020 04:34 PM - rchan

- Sprint changed from Sprint 78 to Sprint 79

#10 - 08/20/2020 01:29 PM - ttereshc

- Status changed from ASSIGNED to MODIFIED

- % Done changed from 0 to 100

Applied in changeset [pulp:pulp-2to3-migration|4ec9a1b3a1184ce13efa2450bbb59f62c0ff715d](https://pulp.plan.io/changeset/pulp:pulp-2to3-migration|4ec9a1b3a1184ce13efa2450bbb59f62c0ff715d).

#11 - 08/20/2020 06:36 PM - ttereshc

- Sprint/Milestone deleted (0.2.0)

#12 - 08/26/2020 06:31 PM - ttereshc

- Sprint/Milestone set to 0.3.0

#13 - 10/07/2020 09:58 AM - ttereshc

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE