

RPM Support - Task #5744

Ensure required fields are always set on the models

11/18/2019 08:03 PM - ttereshc

Status: NEW	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0:00 hour
Sprint/Milestone:	Tags:
Platform Release:	Sprint:
Groomed: No	Quarter:
Sprint Candidate: No	

Description

Currently there is no enforcement at the db level to require certain fields for the majority of content models.

Package needs NEVRA, pkgId, checksum_type at minimum.
UpdateRecord - id, issued_date, updated_date, digest
UpdateCollectionPackage - NEVRA
Modulemd - NSVCA
Module-defaults - module, digest
PackageGroup/Environment/Category - id, digest
PackageLangpacks - matches, digest
RepoMetadataFile - data_type, checksum

DistributionTree - header_version, release_name, release_version, arch, build_timestamp
Checksum - path, checksum
Image - name, path
Addon - addon_id, uid, name, type, packages
Variant - variant_id, uid, name, type, packages

History

#1 - 11/18/2019 08:03 PM - ttereshc

- Tags Pulp 3 RPM blocker added

#2 - 11/18/2019 11:02 PM - ttereshc

- Subject changed from Set null=False for required fields on the models to Ensure required fields are always set on the models

#3 - 12/11/2019 07:57 PM - ttereshc

- Tags deleted (Pulp 3 RPM blocker)

Unsetting RPM blocker tag.

After some discussion with @daviddavis. The majority of content goes through createrepo_c and is validated by it to some extent.

Idea of having the validation at DB level might not be good and also is somewhat against DRF concepts. Multiple serializers for different purposes might be a solution.

Here is the relevant thread <https://www.redhat.com/archives/pulp-dev/2019-December/msg00026.html>