

Pulp - Story #5927

As a plugin writer, I have docs recommending I use Serializers to validate any model data

01/03/2020 04:52 PM - daviddavis

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:	mdellweg	% Done:	100%
Category:		Estimated time:	0:00 hour
Sprint/Milestone:	3.7.0	Tags:	Documentation
Platform Release:		Sprint:	Sprint 81
Groomed:	Yes	Quarter:	
Sprint Candidate:	Yes		
Description			
In a discussion on pulp-dev we decided that models shouldn't validate data (but rather serializers should).			
We should add a section to the plugin writers guide here called "Validating Models" which makes these recommendations.			
Related issues:			
Blocks Pulp - Task #5828: Document how to validate data in plugin writer guide		NEW	

Associated revisions

Revision 1ccbdfe4 - 08/28/2020 10:49 AM - mdellweg

Add documentation for validating models

fixes #5927 <https://pulp.plan.io/issues/5927>

History

#1 - 01/03/2020 05:03 PM - daviddavis

- Description updated

#2 - 01/10/2020 04:47 PM - bmbouter

- Groomed changed from No to Yes

- Sprint Candidate changed from No to Yes

#3 - 01/10/2020 04:48 PM - rchan

- Sprint set to Sprint 64

#4 - 01/21/2020 07:09 PM - fao89

- Status changed from NEW to ASSIGNED

- Assignee set to fao89

#5 - 01/22/2020 08:59 PM - fao89

I have an implementation, but I made so many workarounds:

<https://github.com/pulp/pulpcore/pull/514>

1 - I adapted PulpPluginAppConfig for getting the serializers (2 serializers with the same model, results in dict with only the last serializer)

2 - Convert model to dict for using it on serializer

2.1 - serializers with nested serializers like DistributionTreeSerializer:

https://github.com/pulp/pulp_rpm/blob/master/pulp_rpm/app/serializers.py#L1020

I'm sending an empty list on the related fields like: "addons": [], "checksums": [], ...

2.2 - SingleArtifactContentUploadSerializer needs relative_path, artifact / file, I'm sending a fake file,

but when validation requires a specific kind of file it fails. I got it here:

https://github.com/pulp/pulp_rpm/blob/master/pulp_rpm/app/serializers.py#L232-L246

which I treated by avoiding deferred_validate

but I also got a problem here:

https://github.com/pulp/pulp_rpm/blob/master/pulp_rpm/app/serializers.py#L500-L513

that I could not treat

#6 - 01/24/2020 02:58 PM - rchan

- Sprint changed from Sprint 64 to Sprint 65

#7 - 01/27/2020 02:50 PM - fao89

- Status changed from ASSIGNED to POST

<https://github.com/pulp/pulpcore/pull/514>

#8 - 01/30/2020 07:12 PM - fao89

- Status changed from POST to NEW

- Assignee deleted (fao89)

#9 - 02/07/2020 03:20 PM - rchan

- Sprint changed from Sprint 65 to Sprint 66

#10 - 02/10/2020 07:14 PM - fao89

- Description updated

- Status changed from NEW to ASSIGNED

- Assignee set to fao89

#11 - 02/11/2020 03:05 PM - fao89

- Status changed from ASSIGNED to POST

<https://github.com/pulp/pulpcore/pull/532>

#12 - 02/11/2020 03:31 PM - daviddavis

- Sprint/Milestone changed from 3.1.0 to 3.2.0

#13 - 02/21/2020 03:34 PM - rchan

- Sprint changed from Sprint 66 to Sprint 67

#14 - 02/27/2020 11:19 PM - daviddavis

- Sprint/Milestone changed from 3.2.0 to 3.3.0

#15 - 03/06/2020 04:09 PM - rchan

- Sprint changed from Sprint 67 to Sprint 68

#16 - 03/20/2020 02:50 PM - fao89

- Blocks Task #5828: Document how to validate data in plugin writer guide added

#17 - 03/20/2020 04:15 PM - rchan

- Sprint deleted (Sprint 68)

#18 - 04/01/2020 10:44 PM - daviddavis

- Sprint/Milestone deleted (3.3.0)

#19 - 04/03/2020 04:24 PM - pulpbot

PR: <https://github.com/pulp/pulpcore/pull/532>

#20 - 04/27/2020 10:17 PM - bmbouter

- Status changed from POST to NEW

Bringing back to new before I rewrite the issue to be only a docs change.

#21 - 04/27/2020 11:20 PM - fao89

- Assignee deleted (fao89)

#22 - 04/30/2020 11:15 PM - bmbouter

- Subject changed from *As a plugin writer, I can validate Content data in the Stages API* to *As a plugin writer, I have docs recommending I use Serializers to validate any model data*
- Description updated
- Tags Documentation added

#23 - 05/29/2020 03:50 PM - rchan

- Sprint set to *Sprint 74*

#24 - 06/11/2020 10:27 PM - rchan

- Sprint changed from *Sprint 74* to *Sprint 75*

#25 - 06/26/2020 06:04 PM - rchan

- Sprint changed from *Sprint 75* to *Sprint 76*

#26 - 07/10/2020 08:32 PM - rchan

- Sprint changed from *Sprint 76* to *Sprint 77*

#27 - 07/28/2020 12:05 AM - rchan

- Sprint changed from *Sprint 77* to *Sprint 78*

#28 - 08/07/2020 04:34 PM - rchan

- Sprint changed from *Sprint 78* to *Sprint 79*

#29 - 08/13/2020 01:27 PM - mdellweg

- Status changed from *NEW* to *ASSIGNED*
- Assignee set to *mdellweg*

#30 - 08/13/2020 02:22 PM - pulpbot

- Status changed from *ASSIGNED* to *POST*

PR: <https://github.com/pulp/pulpcore/pull/847>

#31 - 08/24/2020 01:11 PM - rchan

- Sprint changed from *Sprint 79* to *Sprint 80*

#32 - 08/25/2020 11:54 PM - rchan

- Sprint changed from *Sprint 80* to *Sprint 81*

#33 - 08/28/2020 10:49 AM - mdellweg

- Status changed from *POST* to *MODIFIED*
- % Done changed from *0* to *100*

Applied in changeset [pulpcore|1ccbdfc49fb7083907a3ce26e6e64822eb1097d8](#).

#34 - 09/22/2020 07:44 PM - bmbouter

- Sprint/Milestone set to *3.7.0*

#35 - 09/22/2020 09:21 PM - pulpbot

- Status changed from *MODIFIED* to *CLOSED - CURRENTRELEASE*