

Pulp - Story #2335

As an API consumer, I am able to discover filterable fields.

10/13/2016 07:10 PM - semyers

Status: CLOSED - DUPLICATE	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0:00 hour
Sprint/Milestone: 3.0	QA Contact:
Platform Release:	Complexity:
Blocks Release:	Smash Test:
Backwards Incompatible: No	Verified: No
Groomed: No	Verification Required: No
Sprint Candidate: No	Sprint:
Tags:	
Description In chatting with asmacdo about his filterset PR for Repository ⁰ , we were lamenting the lack of discoverability of the filter params. We'd love for autogenerated API clients to be able to know what filter options are allowed on a given view, and also to make sure the filter sets associated with a given API view show up meaningfully in the API docs that we generate. [0]: https://github.com/pulp/pulp/pull/2783	
Related issues: Duplicates Pulp - Issue #3635: Improve filter documentation by creating a Bas... MODIFIED	

History

#1 - 10/13/2016 07:22 PM - amacdona@redhat.com

Not sure if this is the direction we want to go, but I hacked this up yesterday.

<https://github.com/pulp/pulp/pull/2787>

#2 - 10/13/2016 08:47 PM - semyers

This is a poorly defined story, at the moment, because we know that we want to do as little work as possible to create API clients, the exact mechanism for achieving that goal has not yet been determined. Under the assumption that whatever mechanism we choose has the ability to express available URL query parameters for a given view, I think using the current OpenAPI standard (v2.0⁰) as a guide is reasonable.

To that end, OpenAPI supports documenting available query params on endpoints:

<https://github.com/OAI/OpenAPI-Specification/blob/master/versions/2.0.md#parameter-object>

So, we could potentially augment the existing openapi schema codec generator¹ to make DRF include valid query params that our filter sets provide.

As far as documentation goes, that might do well as a separate story, but I'm not sure. asmacdo's approach in the previous comment is a great step in this direction, though.

[0]: <https://github.com/OAI/OpenAPI-Specification/blob/master/versions/2.0.md>

[1]: <https://github.com/core-api/python-openapi-codec>

#3 - 11/28/2018 09:18 PM - amacdona@redhat.com

- Duplicates Issue #3635: Improve filter documentation by creating a BaseFilterSet class to automatically set filter help text added

#4 - 11/29/2018 04:42 PM - amacdona@redhat.com

- Status changed from NEW to CLOSED - DUPLICATE

#5 - 04/25/2019 06:47 PM - daviddavis

- Sprint/Milestone set to 3.0

#6 - 04/26/2019 10:39 PM - bmbouter

- Tags deleted (Pulp 3)