

## Pulp - Issue #4191

### Pulp does not support all search query strings - only name works reliably

11/27/2018 03:06 PM - akofink

<b>Status:</b> CLOSED - NOTABUG	<b>Start date:</b>
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>Estimated time:</b> 0:00 hour
<b>Category:</b>	
<b>Sprint/Milestone:</b> 3.0.0	
<b>Severity:</b> 2. Medium	<b>Groomed:</b> No
<b>Version:</b> Master	<b>Sprint Candidate:</b> No
<b>Platform Release:</b>	<b>Tags:</b>
<b>OS:</b>	<b>Sprint:</b>
<b>Triaged:</b> No	<b>Quarter:</b>

**Description**

Reproduce:  
Query Pulp with a query string parameter other than name

Actual:  
Pulp ignores most non-name parameters

Expected:  
Pulp filters by **any** parameter

Examples ([httpie syntax](<https://httpie.org/doc#querystring-parameters>)):  
Some of the following are not very useful, but filtering should be consistent.

```
GET /pulp/api/v3/publishers/file/ type=="foo" # this should always return 0 results
```

```
HTTP/1.1 200 OK
Allow: GET, POST, HEAD, OPTIONS
Connection: keep-alive
Content-Length: 499
Content-Type: application/json
Date: Tue, 27 Nov 2018 13:54:49 GMT
Server: nginx/1.12.2
Vary: Accept, Cookie
X-Frame-Options: SAMEORIGIN
```

```
{
  "count": 2,
  "next": null,
  "previous": null,
  "results": [
    {
      "_href": "/pulp/api/v3/publishers/file/1/",
      "created": "2018-11-26T18:21:33.521797Z",
      "distributions": [],
      "last_published": null,
      "last_updated": "2018-11-26T18:21:52.763045Z",
      "manifest": "PULP_MANIFEST",
      "name": "pdf",
      "type": "file"
    },
    {
      "_href": "/pulp/api/v3/publishers/file/2/",
      "created": "2018-11-26T21:16:34.010881Z",
      "distributions": [],
      "last_published": null,
```

```
    "last_updated": "2018-11-26T21:16:34.010913Z",
    "manifest": "PULP_MANIFEST",
    "name": "txt",
    "type": "file"
  }
]
```

```
GET /pulp/api/v3/publishers/file/ _href==/pulp/api/v3/publishers/file/1/ # this should always
return 1 result
```

```
HTTP/1.1 200 OK
Allow: GET, POST, HEAD, OPTIONS
Connection: keep-alive
Content-Length: 499
Content-Type: application/json
Date: Tue, 27 Nov 2018 14:02:29 GMT
Server: nginx/1.12.2
Vary: Accept, Cookie
X-Frame-Options: SAMEORIGIN
```

```
{
  "count": 2,
  "next": null,
  "previous": null,
  "results": [
    {
      "_href": "/pulp/api/v3/publishers/file/1/",
      "created": "2018-11-26T18:21:33.521797Z",
      "distributions": [],
      "last_published": null,
      "last_updated": "2018-11-26T18:21:52.763045Z",
      "manifest": "PULP_MANIFEST",
      "name": "pdf",
      "type": "file"
    },
    {
      "_href": "/pulp/api/v3/publishers/file/2/",
      "created": "2018-11-26T21:16:34.010881Z",
      "distributions": [],
      "last_published": null,
      "last_updated": "2018-11-26T21:16:34.010913Z",
      "manifest": "PULP_MANIFEST",
      "name": "txt",
      "type": "file"
    }
  ]
}
```

```
GET /pulp/api/v3/publications/ publisher==/pulp/api/v3/publishers/file/2/
```

```
HTTP/1.1 200 OK
Allow: GET, HEAD, OPTIONS
Connection: keep-alive
Content-Length: 590
Content-Type: application/json
Date: Tue, 27 Nov 2018 14:04:30 GMT
Server: nginx/1.12.2
Vary: Accept, Cookie
X-Frame-Options: SAMEORIGIN
```

```

{
  "count": 2,
  "next": null,
  "previous": null,
  "results": [
    {
      "_href": "/pulp/api/v3/publications/2/",
      "created": "2018-11-26T18:42:17.866763Z",
      "distributions": [],
      "pass_through": true,
      "publisher": "/pulp/api/v3/publishers/file/1/",
      "repository_version": "/pulp/api/v3/repositories/1/versions/1/"
    },
    {
      "_href": "/pulp/api/v3/publications/1/",
      "created": "2018-11-26T18:32:02.02005Z",
      "distributions": [
        "http://centos7-pulp3-source.virbr0.akofink-desktop/pulp/api/v3/distributions/1/"
      ],
      "pass_through": true,
      "publisher": "/pulp/api/v3/publishers/file/1/",
      "repository_version": "/pulp/api/v3/repositories/1/versions/1/"
    }
  ]
}

```

There are many more! Try using any of the other non-name parameters in the above API output (i.e. manifest, pass\_through, repository\_version).

## History

### #1 - 11/27/2018 03:42 PM - amadonna@redhat.com

Filters with Pulp3 are not enabled for all fields. Each filterable field must be explicitly declared, and for the file publisher (which just uses the publisher base class), the only fields that are filterable are `name` and `last\_updated`.

If you need other fields to be filterable, please file a story for those fields. Feel free to combine fields into 1 story, but it is probably simplest to file a separate story for each endpoint.

As a note, we did it this way to promote backwards compatibility. It is much easier to add new filters than to move/change filters that already exist.

### #2 - 11/27/2018 04:47 PM - CodeHeeler

- Status changed from NEW to CLOSED - NOTABUG

### #3 - 04/25/2019 06:44 PM - daviddavis

- Sprint/Milestone set to 3.0.0

### #4 - 04/26/2019 10:33 PM - bmbouter

- Tags deleted (Pulp 3)

### #5 - 06/16/2020 10:54 PM - bmbouter

- Category deleted (14)

We are removing the 'API' category per open floor discussion June 16, 2020.