

## Container Support - Story #4310

### As a user I can view the Manifest data for each Manifest on a ManifestList

01/10/2019 08:46 PM - amacдона@redhat.com

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

#### Description

Because we modeled some ManifestList fields on the through-table ManifestListManifest, they are not currently visible via the REST API.

From the Docker v2 API doc: <https://docs.docker.com/registry/spec/manifest-v2-2/>

```
{
  "schemaVersion": 2,
  "mediaType": "application/vnd.docker.distribution.manifest.list.v2+json",
  "manifests": [
    {
      "mediaType": "application/vnd.docker.image.manifest.v2+json",
      "size": 7143,
      "digest": "sha256:e692418e4cbaf90ca69d05a66403747baa33ee08806650b51fab815ad7fc331f",
      "platform": {
        "architecture": "ppc64le",
        "os": "linux",
      }
    },
    {
      "mediaType": "application/vnd.docker.image.manifest.v2+json",
      "size": 7682,
      "digest": "sha256:5b0bcabd1ed22e9fb1310cf6c2dec7cdef19f0ad69efa1f392e94a4333501270",
      "platform": {
        "architecture": "amd64",
        "os": "linux",
        "features": [
          "sse4"
        ]
      }
    }
  ]
}
```

Here's what users can currently see via the REST API:

```
~/d/devel [ ] http --auth admin:admin http://pulp3:8000/pulp/api/v3/content/docker/manifest-lists/1/
```

```
{
  "_artifact": {
    "_href": "/pulp/api/v3/artifacts/1/",
    "size": 1746
  },
  "_created": "2019-01-10T15:31:33.238122Z",
  "_href": "/pulp/api/v3/content/docker/manifest-lists/1/",
  "_type": "pulp_docker.manifest-list",
  "digest": "sha256:e6ac6227ccc94fd735278b4ee97dd029c7bcf4eba385c6998eb7b40b006c9b46",
  "manifests": [
```

```
    "/pulp/api/v3/content/docker/manifests/85/",
    "/pulp/api/v3/content/docker/manifests/83/",
    "/pulp/api/v3/content/docker/manifests/122/",
    "/pulp/api/v3/content/docker/manifests/84/",
    "/pulp/api/v3/content/docker/manifests/82/"
  ],
  "media_type": "application/vnd.docker.distribution.manifest.list.v2+json",
  "schema_version": 2
}
```

From ManifestListManifest, we need to be able to view all the fields:

1. architecture
2. os
3. os\_version
4. os\_features
5. features
6. variant

We it also might be helpful to be able to view (on the ManifestList) some fields that exist on Manifest:

1. media type
2. digest
3. schema version
4. size of Manifest artifact

## History

---

**#1 - 04/11/2019 01:03 PM - ipanova@redhat.com**

- Tags Pulp 3 added

**#2 - 04/26/2019 10:32 PM - bmbouter**

- Tags deleted (Pulp 3)

**#3 - 11/20/2019 07:17 PM - ipanova@redhat.com**

- Project changed from Docker Support to Container Support