

OSTree Support - Issue #1106

relative_path should be checked for url collision

07/03/2015 03:18 PM - ipanova@redhat.com

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	High	Due date:	
Assignee:	amacdona@redhat.com	Estimated time:	0:00 hour
Category:			
Sprint/Milestone:			
Severity:	2. Medium	Groomed:	No
Version - OSTree:		Sprint Candidate:	No
Platform Release:	2.8.3	Tags:	Pulp 2
Target Release - OSTree:		Sprint:	
OS:		Quarter:	
Triaged:	Yes		

Description

we Cannot allow to have 2 repos with same relative_path

```
$ pulp-admin -vv ostree repo create --repo-id=123 --feed http://repos.fedorapeople.org/repos/pulp/pulp/demo_repos/zoo/
```

```
2015-07-03 15:17:00,628 - DEBUG - sending POST request to /pulp/api/v2/repositories/
2015-07-03 15:17:00,864 - INFO - POST request to /pulp/api/v2/repositories/ with parameters {"display_name": null, "description": null, "distributors": [{"distributor_id": "ostree_web_distributor_name_cli", "auto_publish": true, "distributor_config": {"relative_path": "/repos/pulp/pulp/demo_repos/zoo/"}, "distributor_type_id": "ostree_web_distributor"}], "notes": {"_repo-type": "OSTREE"}, "importer_type_id": "ostree_web_importer", "importer_config": {"feed": "http://repos.fedorapeople.org/repos/pulp/pulp/demo_repos/zoo/", "validate": null}, "id": "123"}
2015-07-03 15:17:00,864 - INFO - Response status : 201
```

```
2015-07-03 15:17:00,865 - INFO - Response body :
```

```
{
  "scratchpad": {},
  "display_name": "123",
  "description": null,
  "last_unit_added": null,
  "notes": {
    "_repo-type": "OSTREE"
  },
  "last_unit_removed": null,
  "content_unit_counts": {},
  "_ns": "repos",
  "_id": {
    "$oid": "55968b4c45ef484fc3850979"
  },
  "id": "123",
  "_href": "/pulp/api/v2/repositories/123/"
}
```

Repository [123] successfully created

```
[ipanova@ina pulp_ostree]$ pulp-admin -vv ostree repo create --repo-id=321 --feed http://repos.fedorapeople.org/repos/pulp/pulp/demo_repos/zoo/
```

```
2015-07-03 15:17:13,816 - DEBUG - sending POST request to /pulp/api/v2/repositories/
2015-07-03 15:17:13,935 - INFO - POST request to /pulp/api/v2/repositories/ with parameters {"display_name": null, "description": null, "distributors": [{"distributor_id": "ostree_web_distributor_name_cli", "auto_publish": true, "distributor_config": {"relative_path": "/repos/pulp/pulp/demo_re
```

```
pos/zoo/"), "distributor_type_id": "ostree_web_distributor"}], "notes": {"_repo-type": "OSTREE"},
"importer_type_id": "ostree_web_importer", "importer_config": {"feed": "http://repos.fedorapeople.
org/repos/pulp/pulp/demo_repos/zoo/", "validate": null}, "id": "321"}
2015-07-03 15:17:13,936 - INFO - Response status : 201
```

```
2015-07-03 15:17:13,936 - INFO - Response body :
```

```
{
  "scratchpad": {},
  "display_name": "321",
  "description": null,
  "last_unit_added": null,
  "notes": {
    "_repo-type": "OSTREE"
  },
  "last_unit_removed": null,
  "content_unit_counts": {},
  "_ns": "repos",
  "_id": {
    "$oid": "55968b5945ef484fc385097d"
  },
  "id": "321",
  "_href": "/pulp/api/v2/repositories/321/"
}
```

```
Repository [321] successfully created
```

Associated revisions

Revision 76ff7e2c - 04/06/2016 09:04 PM - Austin Macdonald

Ensure unique relative path at validation time

Checks the relative path of ostree distributors for conflicts.

closes #1106

History

#1 - 07/06/2015 10:12 PM - bmbouter

- Priority changed from Normal to High

- Triaged changed from No to Yes

We think this should be handled by platform. In either case, the CLI will need the server side to handle validation and then display the message to the user. It would be good to determine if the other plugins are also affected. If this is not OSTREE specific then discuss the fix with others.

#2 - 07/13/2015 04:42 PM - jortel@redhat.com

Currently, I think this is checked by each plugin, or worse, the CLI (and even worse both). The logic for this cannot be to query and see if any other importer configuration already has this path as it is vulnerable to race conditions. Also, The relative publish path is not a standard configuration option. The yum importer uses *relative_url* (which is not an accurate name of the option) and the ostree plugin uses *relative_path* (much better, imho).

Three things need to happen in order for the platform to perform this reliably:

- standardize the distributor configuration option.
- switch to postgres.
- add unique constraint on this column.

Although, the override configuration passed in the REST call can still cause publish collisions and cannot be reliably checked.

Until then, we could add support for this check in the ostree plugin but document it as a best effort check and that the caller bares responsibility for collisions. We should also update the yum plugin documentation (if it exists) to the same effect.

#3 - 03/08/2016 04:27 PM - amacdona@redhat.com

- Status changed from NEW to ASSIGNED

- Assignee set to amacdona@redhat.com

#4 - 03/21/2016 07:17 PM - amacdona@redhat.com

- Platform Release set to 2.8.2

#5 - 03/29/2016 09:26 PM - amacdona@redhat.com

- Status changed from ASSIGNED to POST

https://github.com/pulp/pulp_ostree/pull/65

#6 - 04/06/2016 09:21 PM - Anonymous

- Status changed from POST to MODIFIED

- % Done changed from 0 to 100

Applied in changeset [76ff7e2c30d41637e5bad8821a7c762966317c79](#).

#7 - 04/06/2016 10:24 PM - semyers

- Platform Release changed from 2.8.2 to 2.8.3

#8 - 04/27/2016 12:38 AM - semyers

- Status changed from MODIFIED to 5

#9 - 05/17/2016 09:31 PM - semyers

- Status changed from 5 to CLOSED - CURRENTRELEASE

#10 - 04/15/2019 10:46 PM - bmbouter

- Tags Pulp 2 added