

Python Support - Story #2885

As a User I can Publish Python packages in a way that is consumable by pip

07/10/2017 11:50 PM - amacdona@redhat.com

Status: MODIFIED	Start date:
Priority: Normal	Due date:
Assignee: dalley	% Done: 100%
Category:	Estimated time: 0:00 hour
Sprint/Milestone:	Tags:
Platform Release: 3.0.0	Sprint: Sprint 34
Target Release - Python:	Quarter:
Groomed: Yes	
Sprint Candidate: Yes	

Description

This story is to extend the Publisher model and serializer with all Python specific fields and to implement publish.

Publisher.publish() should only be concerned with implementing the the simple API (which is consumed by pip). When this story is complete, the user will be able to create a Publisher, use it to publish a Repository with PythonPackageContent in it, creating a Publication. The user will be able to associate that Publication to a Distribution, and then pip will be able to install packages from the distribution.base_path.

<https://wiki.python.org/moin/PyPISimple>
<https://www.python.org/dev/peps/pep-0301/>

For every unique project in a repository pulp should distribute a HTML page located at: {distribution.base_path.}/simple/{project-name}/

This HTML page should contain every distribution package that shares the same project name and should look like:

```
<!DOCTYPE html>
<html>
<head>
  <title>Links for pulpcore</title>
</head>
<body><h1>Links for pulpcore</h1>
<a href="{link-to-content}#md5={md5_hash}" rel="internal">{PythonPackageContentUnit.filename}</a><br/>
<a href=".../packages/02/ee/3ceee60a9694b9462c62eee3df0d2b3e525be82750bc3f9e8b4d21a0cfb7/pulpcore-3.0.0a1.dev5-py3-none-any.whl#md5=16f188762c54527815557af8a7067234" rel="internal">pulpcore-3.0.0a1.dev5-py3-none-any.whl</a><br/>
<a href=".../packages/03/6c/e48eb03fa930a36838b3ff92e4367d901bb09e725859e0030b3bb40dff77/pulpcore-3.0.0a1.dev4-py3-none-any.whl#md5=3c8c966327231e8a3f48b70866f3c56a" rel="internal">pulpcore-3.0.0a1.dev4-py3-none-any.whl</a><br/>
</body></html>
```

The json API (which would be consumed by other Pulps) is **not** a part of this story, and will be implemented in <https://pulp.plan.io/issues/2886>

Related issues:

Blocked by Python Support - Task #2883: Create model(s) for Python's Releases	MODIFIED
Blocked by Python Support - Task #3294: Update Python plugin to sync with ver...	MODIFIED

Associated revisions

Revision 3fd41a55 - 03/16/2018 04:28 PM - dalley

Add publish implementation

Add support for publishing the PyPI simple API, and split the publish and sync code into different files.

closes #2885 <https://pulp.plan.io/issues/2885>

History

#1 - 07/10/2017 11:51 PM - amacdona@redhat.com

- Blocked by Task #2883: Create model(s) for Python's Releases added

#2 - 12/14/2017 08:57 PM - bizhang

- Sprint/Milestone set to 51

#3 - 12/14/2017 10:12 PM - amacdona@redhat.com

- Description updated

#4 - 12/14/2017 10:15 PM - amacdona@redhat.com

- Description updated

#5 - 12/14/2017 10:16 PM - amacdona@redhat.com

- Description updated

#6 - 12/14/2017 10:17 PM - dalley

- Groomed changed from No to Yes

- Sprint Candidate changed from No to Yes

#7 - 12/14/2017 10:50 PM - bizhang

- Description updated

#8 - 12/15/2017 03:59 PM - daviddavis

- Sprint/Milestone changed from 51 to 52

#9 - 12/19/2017 09:25 PM - amacdona@redhat.com

- Status changed from NEW to ASSIGNED

- Assignee set to amacdona@redhat.com

#10 - 01/08/2018 10:27 PM - rchan

- Sprint/Milestone changed from 52 to 53

#11 - 01/19/2018 04:30 PM - amacdona@redhat.com

- Blocked by Task #3294: Update Python plugin to sync with versioned repositories added

#12 - 01/30/2018 03:22 PM - jortel@redhat.com

- Sprint/Milestone changed from 53 to 54

#13 - 02/06/2018 08:03 PM - dalley

- Assignee changed from amacdona@redhat.com to dalley

#14 - 02/22/2018 05:22 PM - rchan

- Sprint/Milestone changed from 54 to 56

#15 - 03/05/2018 08:38 PM - dalley

- Status changed from ASSIGNED to POST

PR here: https://github.com/pulp/pulp_python/pull/129/

#16 - 03/09/2018 12:34 AM - bmbouter

- Sprint set to Sprint 33

#17 - 03/09/2018 12:35 AM - bmbouter

- *Sprint/Milestone deleted (56)*

#18 - 03/14/2018 05:35 PM - jortel@redhat.com

- *Sprint changed from Sprint 33 to Sprint 34*

#19 - 03/16/2018 04:29 PM - dalley

- *Status changed from POST to MODIFIED*

- *% Done changed from 0 to 100*

Applied in changeset [3fd41a5532928f09a0f3fb13d45eb3dd912a8491](#).

#20 - 04/26/2019 10:38 PM - bmbouter

- *Tags deleted (Pulp 3)*

#21 - 01/13/2021 12:37 AM - dalley

- *Platform Release set to 3.0.0*