

Pulp - Story #6570

as a plugin writer, my custom content handler can handle requests for CONTENT_PATH_PREFIX

04/24/2020 12:56 PM - dkliban@redhat.com

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	100%
Category:		Estimated time:	0:00 hour
Sprint/Milestone:	3.4.0	Tags:	
Platform Release:		Sprint:	
Groomed:	No	Quarter:	
Sprint Candidate:	No		
Description			
Motivation			
<p>Plugins that need to have some custom logic for serving content can provide a custom content Handler. Up till now, each plugin that needed a custom handler, did so because it needed to provide an API that was rooted somewhere other than CONTENT_PATH_PREFIX[0].</p> <p>The RPM plugin wants to provide a repo.config file that is dynamically generated based on the distribution's 'base_path' and 'base_url'[1] . It does not need to serve an API rooted at a different path.</p>			
Implementation			
<ol style="list-style-type: none">1. Add a hook method to BaseDistribution named content_handler() which would provide a no-op as it's base functionality and return None by default. It would take subpath as the single param and that would be the url portion after the distribution's base_path (the remaining part).2. In the content app just after the Distribution is matched and permit() is called we have the content app call this new content_handler. That would roughly be here.3. If the content_handler(subpath) returns a subclass of aiohttp.web.Response(...) then return that and don't continue to call the rest of the code in the content app.			
<p>[0] https://docs.pulpproject.org/settings.html#content-path-prefix [1] https://pulp.plan.io/issues/5356</p>			
Related issues:			
Related to RPM Support - Story #5356: As a user, I can download a configurati...		CLOSED - CURRENTRELEASE	

Associated revisions

Revision 70559c92 - 04/30/2020 10:31 AM - Pieter Lexis

Implement content_handler for BaseDistribution

This allows Plugin writers to serve non-Artifact content.

ref #6570

Revision a0fce1f1 - 04/30/2020 10:43 AM - Pieter Lexis

Add content_handler_directory_listing in Dist

This allows plugin writers to add files served by content_handler to show up in the directory listings.

ref #6570

Revision 6563722b - 04/30/2020 10:43 AM - Pieter Lexis

Add documentation for content_handler

closes #6570

History

#1 - 04/24/2020 12:57 PM - dkliban@redhat.com

- Tracker changed from Issue to Story

- % Done set to 0

#2 - 04/24/2020 12:58 PM - dkliban@redhat.com

- Related to Story #5356: As a user, I can download a configuration for yum/dnf from an RpmDistribution added

#3 - 05/08/2020 08:14 PM - Anonymous

- Status changed from NEW to MODIFIED

- % Done changed from 0 to 100

Applied in changeset [pulpcore|6563722beb15a854e82e12d32cf5c6c6efadecf.](#)

#4 - 05/29/2020 01:01 AM - dkliban@redhat.com

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE

- Sprint/Milestone set to 3.4.0