

Pulp - Issue #1627

Story # 1150 (CLOSED - NOTABUG): As a user, I can lazily fetch repositories

mod_xsendfile and the Django WSGI application are setting the content type incorrectly.

02/03/2016 08:13 PM - jcline@redhat.com

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:	jcline@redhat.com	Estimated time:	0:00 hour
Category:		Groomed:	No
Sprint/Milestone:		Sprint Candidate:	No
Severity:	2. Medium	Tags:	Pulp 2
Version:		Sprint:	
Platform Release:	2.8.0	Quarter:	
OS:			
Triaged:	Yes		

Description

I noticed this as part of the "browse a repository with a web browser" work (<https://pulp.plan.io/issues/1512>). We're responding with a content type of text/html:

```
[vagrant@dev ~]$ curl -v -k "https://dev.example.com/pulp/repos/zoo/gorilla-0.62-1.noarch.rpm"
* Trying 127.0.0.1...
* Connected to dev.example.com (127.0.0.1) port 443 (#0)
* Initializing NSS with certpath: sql:/etc/pki/nssdb
* skipping SSL peer certificate verification
* ALPN, server accepted to use http/1.1
* SSL connection using TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA
* Server certificate:
*   subject: E=root@dev,CN=dev,OU=SomeOrganizationalUnit,O=SomeOrganization,L=SomeCity,ST=Some
State,C=--
*   start date: Feb 01 14:00:37 2016 GMT
*   expire date: Jan 31 14:00:37 2017 GMT
*   common name: dev
*   issuer: E=root@dev,CN=dev,OU=SomeOrganizationalUnit,O=SomeOrganization,L=SomeCity,ST=SomeS
tate,C=--
> GET /pulp/repos/zoo/gorilla-0.62-1.noarch.rpm HTTP/1.1
> Host: dev.example.com
> User-Agent: curl/7.43.0
> Accept: */*
>
* skipping SSL peer certificate verification
* NSS: client certificate not found (nickname not specified)
* ALPN, server accepted to use http/1.1
* skipping SSL peer certificate verification
* ALPN, server accepted to use http/1.1
< HTTP/1.1 200 OK
< Date: Wed, 03 Feb 2016 19:01:14 GMT
< Server: Apache/2.4.18 (Fedora) OpenSSL/1.0.2f-fips mod_wsgi/4.4.8 Python/2.7.10
< Last-Modified: Tue, 02 Feb 2016 21:22:46 GMT
< ETag: "994-52ad01a568438"
< Content-Length: 2452
< Content-Type: text/html; charset=utf-8
<
```

This, of course, makes the browser try its best to render an RPM as html (I snipped **that** from the above demo). Surprisingly, yum and company seem to handle this fine, but a browser doesn't. We need to (somehow) make sure the content type is set correctly. There may be a setting in mod_xsendfile. If not, we'll need to do it in the WSGI application.

Associated revisions

Revision 2b1b2aef - 02/08/2016 09:07 PM - Jeremy Cline

Attempt to guess the MIME type of content served with xsendfile.

This is mostly for the benefit of browsers, since the default MIME type Django uses is text/html which causes the browser to attempt to render RPMs and such instead of downloading them.

closes #1627

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closes #1627

History

#1 - 02/05/2016 05:18 PM - jortel@redhat.com

- Platform Release set to 2.8.0
- Triaged changed from No to Yes

#2 - 02/05/2016 08:23 PM - jcline@redhat.com

- Status changed from NEW to ASSIGNED
- Assignee set to jcline@redhat.com

#3 - 02/05/2016 09:57 PM - jcline@redhat.com

- Status changed from ASSIGNED to POST

<https://github.com/pulp/pulp/pull/2396>

#4 - 02/08/2016 09:29 PM - Anonymous

- Status changed from POST to MODIFIED
- % Done changed from 0 to 100

Applied in changeset [pulp|2b1b2aefdf9718d9fc4f945110d22893faa3c49](#).

#5 - 02/23/2016 09:55 PM - dkliban@redhat.com

- Status changed from MODIFIED to 5

#6 - 03/23/2016 07:12 PM - dkliban@redhat.com

- Status changed from 5 to CLOSED - CURRENTRELEASE

#7 - 04/15/2019 10:36 PM - bmbouter

- Tags Pulp 2 added