

## Pulp - Issue #7110

### pulpcore-client - packaging does not state that python 2.7 is not supported

07/08/2020 05:06 PM - wibbit

<b>Status:</b>	CLOSED - CURRENTRELEASE	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	dalley	<b>Estimated time:</b>	0:00 hour
<b>Category:</b>		<b>Groomed:</b>	No
<b>Sprint/Milestone:</b>	3.8.0	<b>Sprint Candidate:</b>	No
<b>Severity:</b>	2. Medium	<b>Tags:</b>	
<b>Version:</b>		<b>Sprint:</b>	Sprint 79
<b>Platform Release:</b>		<b>Quarter:</b>	
<b>OS:</b>			
<b>Triaged:</b>	Yes		

**Description**

When attempting to upload an artefact using pulpcore-client, I'm greeted with a Unicode error.

Trace is below, I've also included the value of msg, in case that's of assistance.

```
UnicodeDecodeError          Traceback (most recent call last)
[48/4497] in () ----> 1 server.upload_artifact('/tmp/bats-python38-pycryptodomex-3.9.7-1.el7.x86_64.rpm')

/opt/systems/python/site_syseng/prog/pulpctl/poc.py in upload_artifact(self, file_path) 122          upload =
self.uploads.update(upload_href=upload.pulp_href, 123          file=file_chunk.name, --> 124
content_range=content_range) 125          offset += chunk_size 126          sha256hasher.update(chunk)

/opt/bats/lib/python2.7/site-packages/pulpcore/client/pulpcore/api/uploads_api.pyc in update(self, upload_href, content_range, file,
**kwargs) 639          """ 640          kwargs['_return_http_data_only'] = True --> 641          return self.update_with_http_info(upload_href,
content_range, file, **kwargs) # noqa: E501 642 643          def update_with_http_info(self, upload_href, content_range, file, **kwargs): #
noqa: E501

/opt/bats/lib/python2.7/site-packages/pulpcore/client/pulpcore/api/uploads_api.pyc in update_with_http_info(self, upload_href,
content_range, file, **kwargs) 748          _preload_content=local_var_params.get('_preload_content', True), 749
_request_timeout=local_var_params.get('_request_timeout'), --> 750          collection_formats=collection_formats)

/opt/bats/lib/python2.7/site-packages/pulpcore/client/pulpcore/api_client.pyc in call_api(self, resource_path, method, path_params,
query_params, header_params, body, post_params, files, response_type, auth_settings, async_req, _return_http_data_only,
collection_formats, _preload_content, _request_timeout, _host) 351          response_type, auth_settings, 352
_return_http_data_only, collection_formats, --> 353          _preload_content, _request_timeout, _host) 354 355
return self.pool.apply_async(self.__call_api, (resource_path,

/opt/bats/lib/python2.7/site-packages/pulpcore/client/pulpcore/api_client.pyc in __call_api(self, resource_path, method, path_params,
query_params, header_params, body, post_params, files, response_type, auth_settings, _return_http_data_only, collection_formats,
_preload_content, _request_timeout, _host) 182          post_params=post_params, body=body, 183
_preload_content=_preload_content, --> 184          _request_timeout=_request_timeout) 185 186          self.last_response =
response_data

/opt/bats/lib/python2.7/site-packages/pulpcore/client/pulpcore/api_client.pyc in request(self, method, url, query_params, headers,
post_params, body, _preload_content, _request_timeout) 403          _preload_content=_preload_content, 404
_request_timeout=_request_timeout, --> 405          body=body) 406          elif method == "PATCH": 407
return self.rest_client.PATCH(url,

/opt/bats/lib/python2.7/site-packages/pulpcore/client/pulpcore/rest.pyc in PUT(self, url, headers, query_params, post_params, body,
_preload_content, _request_timeout) 284          _preload_content=_preload_content, 285
_request_timeout=_request_timeout, --> 286          body=body)
287 288          def PATCH(self, url, headers=None, query_params=None, post_params=None,

/opt/bats/lib/python2.7/site-packages/pulpcore/client/pulpcore/rest.pyc in request(self, method, url, query_params, headers, body,
post_params, _preload_content, _request_timeout) 186          preload_content=_preload_content, 187
```

```

timeout=timeout, --> 188          headers=headers) 189          # Pass a string parameter directly in the body to support
190          # other content types than Json when body argument is

/opt/bats/lib/python2.7/site-packages/urllib3/request.pyc in request(self, method, url, fields, headers, **urlopen_kw) 68          return
self.request_encode_body(method, url, fields=fields, 69          headers=headers, ---> 70
**urlopen_kw) 71 72  def request_encode_url(self, method, url, fields=None, headers=None,

/opt/bats/lib/python2.7/site-packages/urllib3/request.pyc in request_encode_body(self, method, url, fields, headers, encode_multipart,
multipart_boundary, **urlopen_kw) 146          extra_kw.update(urlopen_kw) 147 --> 148          return self.urlopen(method, url,
**extra_kw)

/opt/bats/lib/python2.7/site-packages/urllib3/poolmanager.pyc in urlopen(self, method, url, redirect, **kw) 319          response =
conn.urlopen(method, url, **kw) 320          else: --> 321          response = conn.urlopen(method, u.request_uri, **kw) 322 323
redirect_location = redirect and response.get_redirect_location()

/opt/bats/lib/python2.7/site-packages/urllib3/connectionpool.pyc in urlopen(self, method, url, body, headers, retries, redirect,
assert_same_host, timeout, pool_timeout, release_conn, chunked, body_pos, **response_kw) 599
timeout=timeout_obj, 600          body=body, headers=headers, --> 601
chunked=chunked) 602 603          # If we're going to release the connection in finally:, then

/opt/bats/lib/python2.7/site-packages/urllib3/connectionpool.pyc in _make_request(self, conn, method, url, timeout, chunked,
**httplib_request_kw) 355          conn.request_chunked(method, url, **httplib_request_kw) 356          else: --> 357
conn.request(method, url, **httplib_request_kw) 358 359          # Reset the timeout for the recv() on the socket

/opt/bats/lib/python2.7/httplib.pyc in request(self, method, url, body, headers) 999  def request(self, method, url, body=None,
headers={}): 1000          """Send a complete request to the server.""" --> 1001          self._send_request(method, url, body, headers)
1002 1003  def _set_content_length(self, body):

/opt/bats/lib/python2.7/httplib.pyc in _send_request(self, method, url, body, headers) 1033          for hdr, value in headers.iteritems():
1034          self.putheader(hdr, value) -> 1035          self.endheaders(body) 1036 1037  def getresponse(self, buffering=False):

/opt/bats/lib/python2.7/httplib.pyc in endheaders(self, message_body) 995          else: 996          raise CannotSendHeader() --> 997
self._send_output(message_body) 998 999  def request(self, method, url, body=None, headers={}):

/opt/bats/lib/python2.7/httplib.pyc in _send_output(self, message_body) 846          # between delayed ack and the Nagle algorithm.
847          if isinstance(message_body, str): --> 848          msg += message_body 849          message_body = None 850
self.send(msg)

UnicodeDecodeError: 'ascii' codec can't decode byte 0xed in position 145: ordinal not in range(128)

In [5]: %debug

/opt/bats/lib/python2.7/httplib.py(848)_send_output() 846          # between delayed ack and the Nagle algorithm. 847          if
isinstance(message_body, str): --> 848          msg += message_body 849          message_body = None 850
self.send(msg)

ipdb> msg u'PUT /pulp/api/v3/uploads/bef1a8ff-3573-43e0-8762-50175ddf6b5e/ HTTP/1.1\r\nHost:
pulp-master.test\r\nAccept-Encoding: identity\r\nContent-Length: 16569\r\nContent-Range: bytes
0-19999/11656128\r\nContent-Type: multipart/form-data; boundary=4ef4823629244adfb6b80e485fb05df5\r\nAuthorization: Basic
YWRtaW46cGFzc3dvcmQ=\r\nAccept: application/json\r\nUser-Agent: OpenAPI-Generator/3.4.1/python\r\n\r\n'

```

## Associated revisions

**Revision d8a54809 - 08/17/2020 05:44 PM - dalley**

Add a Python3-only restriction to the generated client bindings

closes: #7110 <https://pulp.plan.io/issues/7110>

## History

**#1 - 07/08/2020 05:12 PM - wibbit**

For clarity, the specific issue appears to be the concatenation of msg and message\_body.

I'm including both msg (again) and message\_body below.

```

ipdb> msg u'PUT /pulp/api/v3/uploads/bef1a8ff-3573-43e0-8762-50175ddf6b5e/ HTTP/1.1\r\nHost: pulp-master.test\r\nAccept-Encoding:
identity\r\nContent-Length: 16569\r\nContent-Range: bytes 0-19999/11656128\r\nContent-Type: multipart/form-data;

```

















- Sprint set to Sprint 78

we also need to update the docs: [https://github.com/pulp/pulp\\_file/pull/416](https://github.com/pulp/pulp_file/pull/416)

**#5 - 08/07/2020 04:33 PM - rchan**

- Sprint changed from Sprint 78 to Sprint 79

**#6 - 08/13/2020 06:40 PM - dalley**

- Status changed from NEW to ASSIGNED

- Assignee set to dalley

**#7 - 08/17/2020 04:54 PM - dalley**

- Status changed from ASSIGNED to POST

@Fabricio, since your PR is still open, would you mind the relevant line to your PR?

<https://github.com/pulp/pulp-openapi-generator/pull/36>

**#8 - 08/17/2020 06:49 PM - dalley**

- Status changed from POST to MODIFIED

Applied in changeset [pulp-openapi-generator\[d8a54809ea1eabf4323f55821bf9c63a9ca64016\]](#).

**#9 - 10/20/2020 05:44 PM - ttereshc**

- Sprint/Milestone set to 3.8.0

**#10 - 10/21/2020 04:50 PM - ttereshc**

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE