

## Arvados - Bug #3084

### 'arv keep put zerobytefile' gives an error

06/23/2014 05:28 PM - Abram Connelly

<b>Status:</b>	Resolved	<b>Start date:</b>	06/23/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Peter Amstutz	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2014-07-16 Sprint		

**Description**

An error message occurs When trying to upload a 0 byte file to the keep server with 'arv keep put'.

For example:

```
$ touch zerobytefile
$ arv keep put zerobytefile
```

Traceback (most recent call last):

```
File "/usr/local/bin/arv-put", line 4, in <module>
    main()
File "/usr/local/lib/python2.7/dist-packages/arvados/commands/put.py", line 394, in main
    'manifest_text': writer.manifest_text(),
File "/usr/local/lib/python2.7/dist-packages/oauth2client/util.py", line 132, in positional_
wrapper
    return wrapped(*args, **kwargs)
File "/usr/local/lib/python2.7/dist-packages/apiclient/http.py", line 723, in execute
    raise HttpError(resp, content, uri=self.uri)
apiclient.errors.HttpError: <HttpError 422 when requesting
https://qrlhi.arvadosapi.com/arvados/v1/collections?alt=json returned "Unprocessable Entity">
```

#### Associated revisions

##### Revision 498c9aa9 - 06/27/2014 10:57 AM - Peter Amstutz

Handle zero-length streams that contain zero-length files. refs #3084

##### Revision 826a8937 - 06/27/2014 12:16 PM - Peter Amstutz

Fix tests broken by adding zero-length block manifests containing a zero length file. refs #3084

#### History

##### #1 - 06/24/2014 03:31 PM - Tom Clegg

arv-put is trying to create a manifest like

```
. 0:0:emptyfile
```

It should be creating one like

```
. d41d8cd98f00b204e9800998ecf8427e+0 0:0:zerobytefile
```

In sdk/python/arvados/collection.py it looks like CollectionWriter does this correctly but then it gets broken somewhere in normalize / normalize\_stream / locators\_and\_ranges.

##### #2 - 06/24/2014 06:59 PM - Tom Clegg

- Story points set to 0.5

##### #3 - 06/27/2014 10:49 AM - Peter Amstutz

- Target version set to 2014-07-16 Sprint

##### #4 - 06/27/2014 11:14 AM - Peter Amstutz

- Status changed from New to Resolved

- Assigned To set to Peter Amstutz