

## Archivematica - Bug #8957

### copy\_to\_arrange API: Specifying an invalid path within /arrange/ dumps files into the root

09/11/2015 09:40 PM - Misty De Meo

<b>Status:</b>	QA/Review	<b>Start date:</b>	09/11/2015
<b>Priority:</b>	Medium	<b>Due date:</b>	
<b>Assignee:</b>	Sarah Romkey	<b>% Done:</b>	0%
<b>Category:</b>	SIP Arrange	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Pull Request:</b>	
<b>Google Code Legacy ID:</b>		<b>Requires documentation:</b>	
<b>Sponsored:</b>	No		

#### Description

If the "destination" parameter to the SIP arrange /filesystem/copy\_to\_arrange API is an invalid (non-existent) path within /arrange/, then all of the copied files will be dumped directly into the root of the arrange tree instead. This results in files which don't actually belong to a new SIP.

For example, a bug in the appraisal tab resulted in a request to send files to a destination of "L2FycmFuZ2UvdW5kZWZpbmVk" (that is, "/arrange/undefined"). Screenshot of the final result is attached.

#### History

##### #1 - 09/11/2015 10:02 PM - Misty De Meo

It looks like the actual bug is slightly different.

Because the destination path did not end with a trailing slash, it was assumed to be a directory and the last component was removed, leading to a target path of `~/arrange/`:

```
# If drop onto a file, drop it into its parent directory instead
if not destination.endswith('/'):
    destination = os.path.dirname(destination)
```

An extra complication is the special handling of the "objects" directory, which will never be moved over:

```
# If dragging objects/ folder, actually move the contents of (not
# the folder itself)
if leaf_dir == 'objects':
    arrange_path = os.path.join(destination, "")
```

The result is that all of the contents of the objects directory are dumped directly into /arrange/, which would have been impossible if they were dragged over directly.

**#2 - 09/11/2015 10:14 PM - Misty De Meo**

- Status changed from New to Code Review

**#3 - 09/28/2015 05:31 PM - Misty De Meo**

- Status changed from Code Review to QA/Review

- Assignee set to Holly Becker

**#4 - 03/28/2017 05:22 PM - Nick Wilkinson**

- Assignee changed from Holly Becker to Sarah Romkey

**Files**

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Screen Shot 2015-09-11 at 6.40.09 PM.png

87.4 KB

09/12/2015

Misty De Meo