

## Arvados - Feature #10812

### [CWL] Upload tool dependencies to separate collections

01/04/2017 08:20 PM - Peter Amstutz

<b>Status:</b>	Resolved	<b>Start date:</b>	01/12/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Peter Amstutz	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2017-02-01 sprint		
<b>Description</b>			
Currently, all the scripts used in a CWL run are uploaded to a single collection. That means a change in any script will result in changing the collection PDH for all scripts, which invalidates reuse.			
Change this behavior to upload the dependencies of each tool to a separate collection, so that a change one tool's scripts does not change the collection PDH of unrelated scripts.			
<b>Subtasks:</b>			
Task # 10938: Review 10812-submit-runner-image			<b>Resolved</b>
Task # 10889: Review 10812-cwl-separate-dependencies			<b>Resolved</b>
Task # 10939: Review 10812-log-merge			<b>Resolved</b>
Task # 10831: Review 10812-similar-collections-check			<b>Resolved</b>

#### Associated revisions

##### Revision 6951a378 - 01/12/2017 05:34 PM - Peter Amstutz

Merge branch '10812-similar-collections-check' refs #10812

##### Revision 86328020 - 01/12/2017 07:47 PM - Peter Amstutz

Merge branch '10812-cwl-package-update' refs #10812

##### Revision b6e15a58 - 01/23/2017 03:28 PM - Peter Amstutz

Merge branch '10812-submit-runner-image' refs #10812

##### Revision c40389e0 - 01/23/2017 03:29 PM - Peter Amstutz

Merge branch '10812-log-merge' refs #10812

##### Revision 39189b90 - 01/23/2017 03:32 PM - Peter Amstutz

Merge branch '10812-cwl-separate-dependencies' refs #10812

##### Revision a3ca6693 - 01/25/2017 06:51 PM - Peter Amstutz

Merge branch '10812-docker-upload-fix' refs #10812

##### Revision a7222f4d - 01/25/2017 07:31 PM - Peter Amstutz

arv\_docker\_get\_image should not modify dockerRequirement parameter. refs #10812

#### History

##### #1 - 01/04/2017 08:23 PM - Peter Amstutz

- Description updated

##### #2 - 01/05/2017 04:02 PM - Tom Morris

- Assigned To set to Peter Amstutz

- Target version changed from Arvados Future Sprints to 2017-01-18 sprint

##### #3 - 01/12/2017 03:19 PM - Radhika Chippada

The branch 10812-similar-collections-check lgtm @ [a6afada6](#)

#### #4 - 01/18/2017 06:52 PM - Peter Amstutz

- Status changed from New to In Progress

#### #5 - 01/18/2017 08:11 PM - Peter Amstutz

- Target version changed from 2017-01-18 sprint to 2017-02-01 sprint

#### #6 - 01/18/2017 08:13 PM - Peter Amstutz

- Story points changed from 0.5 to 1.0

#### #7 - 01/20/2017 04:19 PM - Radhika Chippada

- in *init.py*, --submit-runner-image: wondering if --submit-job-image rather than introducing yet another word to the end user
- In *init.py*, please undo this indentation update

```
@@ -177,7 +177,7 @@ class ArvCwlRunner(object):
    for p in proc_states["items"]:
        self.on_message({
-            "object_uuid": p["uuid"],
+            "object_uuid": p["uuid"],
            "event_type": "update",
```

- In *done.py* : Can "logtail = []" in the method logtail be renamed so that it is not confusing?
- In *done.py* : extra set of parentheses in "logt.append((g.group(1), g.group(2)))"
- In *fsaccess.py* "record = self.api\_client.workflows().get(uuid=url[6:]).execute()" : do we want to specify num\_retries?
- One sdk/cwl test was failing for me yesterday with run-tests, but not anymore. Please make sure they are all passing after you merge all the three branches.

#### #8 - 01/20/2017 04:35 PM - Peter Amstutz

Radhika Chippada wrote:

- in *init.py*, --submit-runner-image: wondering if --submit-job-image rather than introducing yet another word to the end user

I named it that way because there is a similar option --submit-runner-ram.

This reminds me that I should probably add a test, too.

- In *init.py*, please undo this indentation update  
[...]

Fixed.

- In *done.py* : Can "logtail = []" in the method logtail be renamed so that it is not confusing?

You're right. Renamed to "loglines".

- In *done.py* : extra set of parentheses in "logt.append((g.group(1), g.group(2)))"

No, the extra set of parenthesis make it a Python tuple. So it is not appending two items, it is appending one item which is a tuple.

- In *fsaccess.py* "record = self.api\_client.workflows().get(uuid=url[6:]).execute()" : do we want to specify num\_retries?

Yes, will do.

- One sdk/cwl test was failing for me yesterday with run-tests, but not anymore. Please make sure they are all passing after you merge all the three branches.

Yes, I did fix one failing test since last night when I asked you to review.

**#9 - 01/20/2017 05:30 PM - Peter Amstutz**

Updated 10812-submit-runner-image with tests, now [1c5b5cbf83d34cb1a19c78478a7d5a28738e7bbf](#)

Updated 10812-log-merge now [e8521124b0b8e647c58e99905100171ea5e30abd](#)

Updated 10812-cwl-separate-dependencies now [1bf2e116aae97f0a6a9ed0962cd74e092e3b4695](#) running tests  
<https://ci.curoverse.com/job/developer-run-tests/145/>

**#10 - 01/23/2017 02:56 PM - Peter Amstutz**

In fsaccess.py "record = self.api\_client.workflows().get(uuid=url[6:]).execute()" : do we want to specify num\_retries?

Fixed in 10812-cwl-separate-dependencies [dc17bad908428e268b8ac1cab966902ce4c67d03](#)

**#11 - 02/01/2017 07:56 PM - Peter Amstutz**

- Status changed from *In Progress* to *Resolved*