

## Arvados - Feature #11515

### [CWL] [Workbench] Support for copying/moving pipelines

04/19/2017 02:31 PM - Jiayong Li

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Arvados Future Sprints		
<b>Description</b>			
<p>A common practice for writing a pipeline is to first test it in a private project, e.g. Home, because we don't want to clutter the production project since tests tend to be error-prone. Ultimately the successful pipeline run needs to be in the production project that's shared with customers, but as of now, there's no way of copying/moving the jobs and output collections of the successful test pipeline.</p> <ul style="list-style-type: none"><li>• I tried rerunning the successful pipeline using arvados-cwl-runner with --project-uuid PRODUCTION_PROJECT_UUID, hoping job-reuse would copy the jobs and outputs to the production project, but it doesn't do that.</li><li>• I tried the command line tool (written by Brett) <a href="https://github.com/curoverse/arvados-clients/blob/master/recursive_move.py">https://github.com/curoverse/arvados-clients/blob/master/recursive_move.py</a> but it only moved the top-level runner job. This tool is outdated.</li><li>• I used the command line tool (written by Bryan) <a href="https://github.com/bcosc/arvados-tools/blob/master/move_outputs_into_one_project.py">https://github.com/bcosc/arvados-tools/blob/master/move_outputs_into_one_project.py</a> to copy the output collections but it doesn't copy jobs.</li></ul> <p>We need a feature integrated in Workbench to copy/move pipelines.</p>			

#### History

##### #1 - 04/19/2017 02:50 PM - Jiayong Li

- Description updated

##### #2 - 04/26/2017 07:10 PM - Bryan Cosca

A workaround would be to do:

```
arv-copy --src cluster_uuid --dst cluster_uuid --dst-git-repo any_repo pipeline_uuid to move the pipeline instance and top level jobs.
```

Then clone <https://github.com/bcosc/arvados-tools/blob/master/copy-cwl-pi.py> and run

```
python copy-cwl-pi.py pi_uuid project_uuid
```

to move all the outputs and log collections of all the child jobs.

I'm unsure what else would need to be copied, but that can be added to copy-cwl-pi.py

##### #3 - 08/28/2017 09:55 PM - Tom Morris

- Target version set to Arvados Future Sprints