

## Arvados - Bug #10869

### [CWL] Unsupported scheme in url

01/12/2017 03:47 PM - Bryan Cosca

<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>	2017-01-18 sprint		

#### Description

[https://workbench.e51c5.arvadosapi.com/pipeline\\_instances/e51c5-d1hrv-z2itaztpcj0kmw0](https://workbench.e51c5.arvadosapi.com/pipeline_instances/e51c5-d1hrv-z2itaztpcj0kmw0)

```
2017-01-12_15:42:32 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr Using Arvados SDK version 0.1.20161216224559
2017-01-12_15:42:32 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr arvados.cwl-runner INFO: /tmp/crunch-job/src/crunch_scripts/cwl-runner 495a7df016f
63ae348000b1c046f8e1c5f1c5903 1.0.20170106184111, arvados-python-client 0.1.20161216224559, cwltoo
l 1.0.20170105144051
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt 49511 0 stderr ERROR:root:Unhandled exception
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt 49511 0 stderr Traceback (most recent call last):
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr File "/usr/lib/python2.7/dist-packages/arvados_cwl/crunch_script.py", line 90, i
n run
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr t = load_tool(toolpath, runner.arv_make_tool)
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr File "/usr/lib/python2.7/dist-packages/cwltool/load_tool.py", line 253, in load_
tool
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr strict=strict, fetcher_constructor=fetcher_constructor)
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr File "/usr/lib/python2.7/dist-packages/cwltool/load_tool.py", line 168, in valid
ate_document
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr processobj, metadata = document_loader.resolve_all(workflowobj, fileuri)
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr File "/usr/lib/python2.7/dist-packages/schema_salad/ref_resolver.py", line 788,
in resolve_all
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr self.validate_links(document, u"")
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr File "/usr/lib/python2.7/dist-packages/schema_salad/ref_resolver.py", line 913,
in validate_links
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt 49511 0 stderr self.validate_links(val, docid)
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr File "/usr/lib/python2.7/dist-packages/schema_salad/ref_resolver.py", line 913,
in validate_links
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt 49511 0 stderr self.validate_links(val, docid)
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr File "/usr/lib/python2.7/dist-packages/schema_salad/ref_resolver.py", line 913,
in validate_links
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt 49511 0 stderr self.validate_links(val, docid)
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr File "/usr/lib/python2.7/dist-packages/schema_salad/ref_resolver.py", line 900,
in validate_links
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr document[d] = self.validate_link(d, document[d], docid)
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr File "/usr/lib/python2.7/dist-packages/schema_salad/ref_resolver.py", line 857,
in validate_link
2017-01-12_15:42:40 e51c5-8i9sb-yegysclsvlg7qxt
49511 0 stderr elif not self.check_exists(link):
```

```
2017-01-12_15:42:40 e51c5-8i9sb-yeqysclsvlg7qxt
49511 0 stderr File "/usr/lib/python2.7/dist-packages/schema_salad/ref_resolver.py", line 144,
in check_exists
2017-01-12_15:42:40 e51c5-8i9sb-yeqysclsvlg7qxt
49511 0 stderr raise ValueError('Unsupported scheme in url: %s' % url)
2017-01-12_15:42:40 e51c5-8i9sb-yeqysclsvlg7qxt
49511 0 stderr ValueError: Unsupported scheme in url: keep:af2f0daa63fe62b84ab3727a6fe241dc+63/fi
lterByColumn.pl
2017-01-12_15:42:40 e51c5-8i9sb-yeqysclsvlg7qxt
49511 0 child 49764 on compute196.1 exit 0 success=false
2017-01-12_15:42:40 e51c5-8i9sb-yeqysclsvlg7qxt 49511 0 failure (#1, permanent) after 9 seconds
```

**Subtasks:**

Task # 10872: Review 10869-cwl-keep-ref

**Resolved**

**Associated revisions**

**Revision 7ad611f6 - 01/12/2017 05:54 PM - Peter Amstutz**

Merge branch '10869-cwl-keep-ref' refs #10869

**History**

**#1 - 01/12/2017 04:13 PM - Peter Amstutz**

It looks like crunch\_script.py in arvados\_cwl\_runner module wasn't updated to enable support for "keep:" URLs. So this works for the containers API but not jobs. Fixing now.

**#2 - 01/12/2017 04:44 PM - Peter Amstutz**

- Target version set to 2017-01-18 sprint

Branch up 10869-cwl-keep-ref

**#3 - 01/12/2017 04:54 PM - Peter Amstutz**

- Assigned To set to Peter Amstutz

**#4 - 01/12/2017 05:36 PM - Radhika Chippada**

Would it be too time consuming to add / update a test to test this path? All existing tests passed.

LGTM

**#5 - 01/18/2017 06:57 PM - Peter Amstutz**

- Status changed from New to Resolved