

Arvados - Story #16353

1.2 spec work

04/22/2020 08:35 PM - Peter Amstutz

Status: Resolved	Start date: 07/07/2020
Priority: Normal	Due date:
Assigned To: Peter Amstutz	% Done: 100%
Category: CWL	Estimated time: 0.00 hour
Target version: 2020-08-12 Sprint	
Description	
Subtasks:	
Task # 16577: Publish CWL 1.2	Resolved
Task # 16595: review 16353-cwl-1.2	Resolved
Task # 16677: Review 16353-1.2-release	Resolved
Related issues:	
Blocks Arvados - Bug #16297: Dired entry Expression not handled correctly ac...	Resolved

Associated revisions

Revision e45d6fea - 07/21/2020 08:59 PM - Peter Amstutz

Merge branch '16353-cwl-1.2' refs #16353

Arvados-DCO-1.1-Signed-off-by: Peter Amstutz <peter.amstutz@curii.com>

Revision c6858cd3 - 08/10/2020 08:10 PM - Peter Amstutz

Merge branch '16353-1.2-release' refs #16353

Arvados-DCO-1.1-Signed-off-by: Peter Amstutz <peter.amstutz@curii.com>

History

#1 - 04/22/2020 08:35 PM - Peter Amstutz

- Assigned To set to Peter Amstutz
- Category set to CWL
- Subject changed from CWL 1.2 spec work to 1.2 spec work

#2 - 04/22/2020 08:47 PM - Peter Amstutz

- Target version changed from 2020-05-06 Sprint to 2020-05-20 Sprint

#3 - 05/06/2020 02:25 PM - Peter Amstutz

- Target version changed from 2020-05-20 Sprint to 2020-06-03 Sprint

#4 - 05/18/2020 05:30 PM - Peter Amstutz

- Target version changed from 2020-06-03 Sprint to 2020-06-17 Sprint

#5 - 06/03/2020 04:11 PM - Peter Amstutz

- Target version changed from 2020-06-17 Sprint to 2020-07-01 Sprint

#6 - 06/30/2020 01:26 PM - Peter Amstutz

- Status changed from New to In Progress

#7 - 07/01/2020 03:33 PM - Peter Amstutz

- Target version changed from 2020-07-01 Sprint to 2020-07-15

#8 - 07/13/2020 05:52 PM - Peter Amstutz

16353-cwl-1.2 @ [6563930ed602f47c1489b39b2eebf54f9945e3c](https://ci.arvados.org/view/Developer/job/developer-run-tests/1953/)

<https://ci.arvados.org/view/Developer/job/developer-run-tests/1953/>

Passes all cwl 1.2.0-dev4 tests.

Hoping to release CWL 1.2 specification next week.

#9 - 07/13/2020 09:45 PM - Peter Amstutz

- *Blocks Bug #16297: Dircat entry Expression not handled correctly according to CWL spec added*

#10 - 07/14/2020 05:47 PM - Peter Amstutz

16353-cwl-1.2 @ [150a601dbcaf6b999e54bd17d5152f15b626c7f3](https://ci.arvados.org/view/Developer/job/developer-run-tests/1957/)

<https://ci.arvados.org/view/Developer/job/developer-run-tests/1957/>

#11 - 07/15/2020 03:53 PM - Peter Amstutz

- *Target version changed from 2020-07-15 to 2020-08-12 Sprint*

#12 - 07/16/2020 02:42 PM - Lucas Di Pentima

Reviewing [150a601](#)

- File sdk/cwl/arvados_cwl/runner.py Line 176 & 177: I assume that conditional is to support 1.0 documents and the new spec is about 1.2 docs, right? If that's a correct assumption, shouldn't the conditional be inverted? I mean, `builder.do_eval(sf["pattern"], context=primary)` was being used for 1.0 documents before, right?
- Do we need to add some test for the new features or the conformance tests are enough?
- Tried to run conformance tests on Jenkins and failed: <https://ci.arvados.org/job/arvados-cwl-conformance-tests/480/>

#13 - 07/16/2020 02:44 PM - Lucas Di Pentima

Hmm, the conformance tests seem to be failing because of some docker issue.

#14 - 07/17/2020 07:19 AM - Michael Crusoe

Lucas Di Pentima wrote:

Reviewing [150a601](#)

- File sdk/cwl/arvados_cwl/runner.py Line 176 & 177: I assume that conditional is to support 1.0 documents and the new spec is about 1.2 docs, right? If that's a correct assumption, shouldn't the conditional be inverted? I mean, `builder.do_eval(sf["pattern"], context=primary)` was being used for 1.0 documents before, right?

pattern was introduced in CWL v1.1: <https://www.commonwl.org/v1.1/CommandLineTool.html#SecondaryFileSchema>. I'm not familiar with the arvados codebase, but in cwltool we would have upgraded to the latest syntax at this point. If that isn't the case for arvados, then the logic is correct.

#15 - 07/21/2020 03:19 PM - Peter Amstutz

Lucas Di Pentima wrote:

Reviewing [150a601](#)

- File sdk/cwl/arvados_cwl/runner.py Line 176 & 177: I assume that conditional is to support 1.0 documents and the new spec is about 1.2 docs, right? If that's a correct assumption, shouldn't the conditional be inverted? I mean, `builder.do_eval(sf["pattern"], context=primary)` was being used for 1.0 documents before, right?

`sf["pattern"]` is correct for v1.1 and later, and just `sf` is correct for v1.0. That's because optional `secondaryFiles` was introduced in v1.1.

What did change is the updater behavior. Previously this was run on CWL that was always updated to latest, but now it is also run on CWL that could be v1.0 as well. So it needs to handle both patterns.

- Do we need to add some test for the new features or the conformance tests are enough?

I'm relying on the conformance tests, and the Arvados integration tests for Arvados specific features / regressions.

- Tried to run conformance tests on Jenkins and failed: <https://ci.arvados.org/job/arvados-cwl-conformance-tests/480/>

It wants to pull an arvbox/demo image with the git commit matching the branch, but it hasn't been built yet. The pipeline is currently set up so that

run-tests build the Docker image and then that kicks off the conformance tests. I'm manually running just the Docker image job.

16353-cwl-1.2 @ [339da6b41fe014db93bd123cc9285cbeefe16936](#)

<https://ci.arvados.org/view/Developer/job/developer-run-tests/1965/>

<https://ci.arvados.org/view/CWL/job/arvados-cwl-conformance-tests/484/>

#16 - 07/21/2020 08:23 PM - Peter Amstutz

Running conformance tests on jenkins on a branch is actually a little more complicated.

It requires building arvbox and arvados/jobs images for exactly the right version.

Turns out there's a bug in arvbox where, when building the 'localdemo' image, it wasn't checking out the right version. Fixed.

It also turns out that to build an arvados/jobs image on jenkins, it need the Debian 10 packages for that version in the dev repository.

So I built Debian 10 packages on jenkins. Which might cause any dev clusters that run Debian 10 (I don't know if any do) to update to the development branch, even though it isn't merged.

Using Debian 10 packages, I built an arvados/jobs image, which makes it possible for the conformance tests to run against the code in the branch:

<https://ci.arvados.org/job/arvados-cwl-conformance-tests/486/>

#17 - 07/21/2020 08:44 PM - Lucas Di Pentima

[85a3314](#) LGTM, thanks!

#18 - 08/04/2020 08:04 PM - Peter Amstutz

- *Release set to 25*

#19 - 08/10/2020 07:34 PM - Peter Amstutz

16353-1.2-release @ [509084f45ffd17d740f7a26285210f8cde51f84c](#)

<https://ci.arvados.org/view/Developer/job/developer-run-tests/1998/>

#20 - 08/10/2020 07:56 PM - Lucas Di Pentima

Just one suggestion:

- We could mention support for CWL 1.2 on the user guide: <https://doc.arvados.org/master/user/cwl/cwl-versions.html>

The rest LGTM. Thanks!

#21 - 08/12/2020 02:03 PM - Peter Amstutz

- *Status changed from In Progress to Resolved*