

Arvados - Story #15580

[CWL] Register workflow and run from git repo

08/21/2019 04:44 PM - Peter Amstutz

Status: New	Start date:
Priority: Normal	Due date:
Assigned To:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	
Description For additional background, see discussion on #15535 Want to run user CWL from git commit to an arvados-managed git repo. This is because the preferred development process is to store your CWL in a git repo, because git is good for managing code over time. At CLI: detect when being run with the CWD inside a git repo. Get the current revision. Determine the repo uuid by looking at repo remotes. Make sure the working directory doesn't have uncommitted changes, and check that the current version is pushed. Submit a container request that mounts the git repo at the current version and runs the workflow. At workbench: to register workflow record, create a wrapper workflow that has the same input/output interface as the workflow, with a single step with a run line like: run: arv-git:repo/revision/file To submit the workflow, workbench introspects the step and sets up the correct git mount.	
Related issues: Related to Arvados - Story #15535: [CWL] Run from original CWL, not packed New	

History

#1 - 08/21/2019 04:44 PM - Peter Amstutz

- Status changed from New to In Progress

#2 - 08/21/2019 04:45 PM - Peter Amstutz

- Related to Story #15535: [CWL] Run from original CWL, not packed added

#3 - 08/21/2019 04:55 PM - Peter Amstutz

- Description updated

- Status changed from In Progress to New

#4 - 08/21/2019 05:02 PM - Peter Amstutz

- Description updated

#5 - 07/06/2021 09:08 PM - Peter Amstutz

- Target version deleted (To Be Groomed)