

## Prioritized open issues

| #                    | Project      | Tracker | Status      | Priority | Subject   | Assigned To      | % Done |
|----------------------|--------------|---------|-------------|----------|---|------------------|--------|
| <b>Urgent (1)</b>    |              |         |             |          |   |                  |        |
| 835                  | GET-Evidence | Bug     | New         | Urgent   | Error when saving edits or submitting   |                  | 0      |
| <b>High (7)</b>      |              |         |             |          |   |                  |        |
| 17434                | Arvados      | Bug     | New         | High     | project not shown in hierarchy on the left of wb2   |                  | 0      |
| 17396                | Arvados      | Bug     | New         | High     | Favorites copy dialog further issues  |                  | 0      |
| 17300                | Arvados      | Bug     | New         | High     | array of array of File causes 'NoneType' object has no attribute 'resolved'   |                  | 0      |
| 16325                | Arvados      | Bug     | New         | High     | Logs/outputs from Cancelled processes don't have properties.type="log"/"output"                                       |                  | 0      |
| 16228                | Arvados      | Bug     | New         | High     | NullPointerException while uploading file using Java SDK  |                  | 0      |
| 15183                | Arvados      | Bug     | New         | High     | [Workbench2] No errors reported when file is missing a block  |                  | 0      |
| 468                  | GET-Evidence | Bug     | New         | High     | latest-flat incorrectly displays non single-base substitution variants  |                  | 0      |
| <b>Normal (1696)</b> |              |         |             |          |   |                  |        |
| 19151                | Arvados      | Task    | In Progress | Normal   | Review 19143-project-list-workflows   |                  | 0      |
| 19150                | Arvados      | Feature | New         | Normal   | `arvados-server install -type=test -test-suite-user=X` should add user X to docker and fuse groups                    |                  | 0      |
| 19146                | Arvados      | Feature | New         | Normal   | Return managed_by similar to writable_by  |                  | 0      |
| 19145                | Arvados      | Bug     | New         | Normal   | Frozen project still writable   | Tom Clegg        | 0      |
| 19144                | Arvados      | Bug     | New         | Normal   | Cannot copy collections on workbench1   |                  | 0      |
| 19143                | Arvados      | Bug     | In Progress | Normal   | Display 'Workflow' records in the Project listing   | Peter Amstutz    | 0      |
| 19142                | Arvados      | Task    | New         | Normal   | Workbench 2: Avoid loading "mounts" section in the "Project" or "All process" view                                    | Lucas Di Pentima | 0      |
| 19140                | Arvados      | Feature | New         | Normal   | Document a process by which you would set up a service account  |                  | 0      |
| 19139                | Arvados      | Bug     | New         | Normal   | Regular users should not be able to create user records; creating a user does not make admin the "owner" of that user |                  | 0      |
| 19122                | Arvados      | Task    | In Progress | Normal   | Review 19069-workflow-launching   | Peter Amstutz    | 0      |
| 19121                | Arvados      | Task    | New         | Normal   | Review  | Peter Amstutz    | 0      |
| 19118                | Arvados      | Task    | In Progress | Normal   | Review 16583-intermediate-collections on Workbench 2  | Lucas Di Pentima | 0      |
| 19117                | Arvados      | Task    | New         | Normal   | Review  | Stephen Smith    | 0      |
| 19114                | Arvados      | Task    | New         | Normal   | Review  | Tom Clegg        | 0      |
| 19093                | Arvados      | Feature | New         | Normal   | Process details should display a warning if "container_count" is greater than 1 (meaning it failed and was retried)   |                  | 0      |
| 19092                | Arvados      | Bug     | New         | Normal   | crunchstat-summary not in PyPi  | Ward Vandewege   | 0      |

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|-------|---------|---------|-------------|----------|---|----------------|--------|
| 19091 | Arvados | Feature | New         | Normal   | Managed property to assert valid unix username  |                | 0      |
| 19088 | Arvados | Feature | New         | Normal   | Expose properties as S3 tags in keep-web  |                | 0      |
| 19086 | Arvados | Feature | New         | Normal   | Can provide input JSON/YAML when launching a Workflow as an alternative to the input form           | Peter Amstutz  | 0      |
| 19082 | Arvados | Feature | New         | Normal   | Scale default keep cache request with cores or RAM request  |                | 0      |
| 19080 | Arvados | Feature | New         | Normal   | Offer to un-trash items, instead of "not found" dialog  |                | 0      |
| 19079 | Arvados | Feature | New         | Normal   | Need to be able to open links from advance search in new tab  |                | 0      |
| 19069 | Arvados | Bug     | In Progress | Normal   | launch workflow improvements  | Peter Amstutz  | 0      |
| 19068 | Arvados | Task    | New         | Normal   | Review  | Ward Vandewege | 0      |
| 19066 | Arvados | Task    | New         | Normal   | Review  | Ward Vandewege | 0      |
| 19065 | Arvados | Task    | New         | Normal   | Review  | Peter Amstutz  | 0      |
| 19064 | Arvados | Task    | New         | Normal   | Review  | Stephen Smith  | 0      |
| 19063 | Arvados | Task    | In Progress | Normal   | Review 19052-fix-for-wrong-owner-on-search-list   | Daniel Kutyla  | 0      |
| 19062 | Arvados | Task    | New         | Normal   | Review  | Daniel Kutyla  | 0      |
| 19060 | Arvados | Task    | In Progress | Normal   | Review 15370-loopback-dispatchcloud   | Tom Clegg      | 0      |
| 19058 | Arvados | Support | New         | Normal   | Add code scanning to jenkins pipeline   |                | 0      |
| 19057 | Arvados | Bug     | New         | Normal   | [controller] should not allow adding the same user to a VM more than one time                       |                | 0      |
| 19056 | Arvados | Feature | New         | Normal   | Environment variable / command line convention that specifies where to get HOST/TOKEN settings.conf |                | 0      |
| 19053 | Arvados | Bug     | New         | Normal   | Update 'Technology' page to link to relevant parts of doc.arvados.org instead of wiki               | Peter Amstutz  | 0      |
| 19052 | Arvados | Bug     | In Progress | Normal   | Advanced search shows wrong value in owner column   | Daniel Kutyla  | 0      |
| 19051 | Arvados | Bug     | New         | Normal   | Handle quotes in search strings correctly   | Daniel Kutyla  | 0      |
| 19050 | Arvados | Bug     | New         | Normal   | Slow loading of User panel  | Stephen Smith  | 0      |
| 19048 | Arvados | Bug     | New         | Normal   | Copying a folder in collection file browser results in empty folder                                 |                | 0      |
| 19047 | Arvados | Feature | New         | Normal   | Pythonic interface to launch workflows  |                | 0      |
| 19044 | Arvados | Task    | New         | Normal   | 27. Add the release to zenodo.org   |                | 0      |
| 19043 | Arvados | Task    | New         | Normal   | 26. Major releases only: Copy "run-tests" jobs in jenkins   |                | 0      |
| 19042 | Arvados | Task    | New         | Normal   | 25. Send out release announcements  |                | 0      |
| 19041 | Arvados | Task    | New         | Normal   | 24. Merge release notes (step 7) from "develop" to "main" on arvados.org                            |                | 0      |
| 19040 | Arvados | Task    | New         | Normal   | 23. Ensure doc.arvados.org has new version  |                | 0      |
| 19039 | Arvados | Task    | New         | Normal   | 22. Tag commits   |                | 0      |
| 19038 | Arvados | Task    | New         | Normal   | 21. Publish arvados/arvbox-demo image   |                | 0      |
| 19037 | Arvados | Task    | New         | Normal   | 20. Publish R package   |                | 0      |
| 19036 | Arvados | Task    | New         | Normal   | 19. Publish Java package  |                | 0      |

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| 19035 | Arvados | Task    | New         | Normal   | 18. Publish Python and Ruby packages   |                  | 0      |
| 19034 | Arvados | Task    | New         | Normal   | 17. Push packages to stable  |                  | 0      |
| 19033 | Arvados | Task    | New         | Normal   | 16. Publish stable arvados/jobs Docker image   |                  | 0      |
| 19032 | Arvados | Task    | New         | Normal   | 15. Build final release packages   |                  | 0      |
| 19031 | Arvados | Task    | New         | Normal   | 14. Approve RC for release   |                  | 0      |
| 19030 | Arvados | Task    | New         | Normal   | 13. Run bam-to-vcf demo pipeline   |                  | 0      |
| 19029 | Arvados | Task    | New         | Normal   | 12. Build compute image & deploy RC packages to playground   |                  | 0      |
| 19028 | Arvados | Task    | New         | Normal   | 11. Ensure installer tests are passing   |                  | 0      |
| 19027 | Arvados | Task    | New         | Normal   | 10. Build RC arvados/jobs image  |                  | 0      |
| 19026 | Arvados | Task    | New         | Normal   | 9. Build RC packages   |                  | 0      |
| 19025 | Arvados | Task    | New         | Normal   | 8. Review release notes  |                  | 0      |
| 19024 | Arvados | Task    | New         | Normal   | 7. Draft release notes and publish them to www-dev   |                  | 0      |
| 19023 | Arvados | Task    | New         | Normal   | 6. Create next redmine release   |                  | 0      |
| 19022 | Arvados | Task    | New         | Normal   | 5. Review release branch   |                  | 0      |
| 19021 | Arvados | Task    | New         | Normal   | 4. Manual testing  |                  | 0      |
| 19020 | Arvados | Task    | New         | Normal   | 3. Ensure that the entire automated testing pipeline is passing on Jenkins   |                  | 0      |
| 19019 | Arvados | Task    | New         | Normal   | 2. Update provision.sh, formula and arvbox to point to release. Update the "Upgrading Arvados and Release notes" doc page (main and release branch). |                  | 0      |
| 19018 | Arvados | Task    | New         | Normal   | 1. Prepare release branches  |                  | 0      |
| 19017 | Arvados | Bug     | New         | Normal   | Release Arvados 2.4.1  |                  | 0      |
| 19007 | Arvados | Bug     | New         | Normal   | Investigate why the 3-dot action menu is gone in file browser  | Lucas Di Pentima | 0      |
| 19005 | Arvados | Task    | New         | Normal   | Review   | Peter Amstutz    | 0      |
| 19002 | Arvados | Task    | New         | Normal   | Review   | Peter Amstutz    | 0      |
| 19001 | Arvados | Task    | New         | Normal   | Review   | Peter Amstutz    | 0      |
| 19000 | Arvados | Task    | New         | Normal   | Review   | Peter Amstutz    | 0      |
| 18999 | Arvados | Task    | New         | Normal   | Review   | Peter Amstutz    | 0      |
| 18998 | Arvados | Story   | New         | Normal   | keepstore ability to check token validity for uploads  |                  | 0      |
| 18997 | Arvados | Story   | New         | Normal   | ability to migrate arvbox to arvados-server boot dev mode  |                  | 0      |
| 18996 | Arvados | Bug     | New         | Normal   | Container request's expires_at field   |                  | 0      |
| 18990 | Arvados | Bug     | New         | Normal   | should reflect the value of TLS/Insecure in the "Get API Token" dialog   | Daniel Kutyla    | 0      |
| 18988 | Arvados | Feature | New         | Normal   | [CWL] support singularity/docker hint to make debugging workflows easier   |                  | 0      |
| 18984 | Arvados | Feature | In Progress | Normal   | Project type filters improvements  | Stephen Smith    | 0      |
| 18979 | Arvados | Bug     | In Progress | Normal   | Missing VM login, user names not rendered  | Stephen Smith    | 0      |

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| 18977 | Arvados | Bug     | New         | Normal   | Mishandled Azure error?  |                  | 0      |
| 18975 | Arvados | Feature | New         | Normal   | log viewer improvements  | Lucas Di Pentima | 0      |
| 18973 | Arvados | Story   | New         | Normal   | Test combinations of federation scenarios  |                  | 0      |
| 18970 | Arvados | Feature | New         | Normal   | Add support for publicly shared collections (anonymous user)   |                  | 0      |
| 18969 | Arvados | Bug     | New         | Normal   | Controller should monitor its own memory usage and pause requests handling when memory usage is high                     |                  | 0      |
| 18968 | Arvados | Story   | New         | Normal   | Should be able to pick directories within collections  |                  | 0      |
| 18967 | Arvados | Story   | New         | Normal   | drop legacy columns and tables   |                  | 0      |
| 18965 | Arvados | Bug     | New         | Normal   | [workbench2] does not preserve the desired destination url through the login process                                     | Daniel Kutyla    | 0      |
| 18964 | Arvados | Bug     | New         | Normal   | Write better prefetch tests  |                  | 0      |
| 18961 | Arvados | Feature | New         | Normal   | Go FileSystem / FUSE mount supports block caching & prefetch   |                  | 0      |
| 18960 | Arvados | Feature | New         | Normal   | crunch-run can use Go FUSE driver for read-only mounts   |                  | 0      |
| 18951 | Arvados | Task    | New         | Normal   | Review   |                  | 0      |
| 18950 | Arvados | Task    | In Progress | Normal   | Review 16115-sharing-links   | Lucas Di Pentima | 0      |
| 18948 | Arvados | Story   | New         | Normal   | Container exit_code should be updated earlier, before copying staged outputs   |                  | 0      |
| 18946 | Arvados | Feature | New         | Normal   | Render fields of user profile from config  |                  | 0      |
| 18944 | Arvados | Feature | New         | Normal   | [controller] should log the user uuid used for the request   |                  | 0      |
| 18942 | Arvados | Story   | New         | Normal   | Remove perl SDK, tests, dependencies   |                  | 0      |
| 18936 | Arvados | Bug     | New         | Normal   | [api] [controller] remove reader_token support   |                  | 0      |
| 18897 | Arvados | Feature | New         | Normal   | [go services] should log the uuid of the token used for each request (and if available, the uuid of the associated user) |                  | 0      |
| 18885 | Arvados | Task    | New         | Normal   | Review   | Peter Amstutz    | 0      |
| 18883 | Arvados | Feature | New         | Normal   | Move display of input objects (cwl.inputs.json) into panel   | Stephen Smith    | 0      |
| 18882 | Arvados | Task    | New         | Normal   | Review   | Daniel Kutyla    | 0      |
| 18879 | Arvados | Task    | New         | Normal   | Review   | Lucas Di Pentima | 0      |
| 18877 | Arvados | Task    | In Progress | Normal   | Review 18692-frozen-projects-workbench-support   | Daniel Kutyla    | 0      |
| 18874 | Arvados | Support | New         | Normal   | Merge workbench2 history into main Arvados repo  |                  | 0      |
| 18873 | Arvados | Support | New         | Normal   | Add hooks to limit which paths of arvados repo non-curii employees can push to   | Ward Vandewege   | 0      |
| 18871 | Arvados | Feature | New         | Normal   | WebDAV uses replace_files API  |                  | 0      |
| 18864 | Arvados | Bug     | New         | Normal   | "Responsible person" link is wrong   |                  | 0      |
| 18863 | Arvados | Feature | New         | Normal   | [controller] add background job to clean up old container log records  |                  | 0      |

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| 18862 | Arvados | Bug     | New         | Normal   | [api] remove replay_job_log rake task   |                  | 0      |
| 18861 | Arvados | Story   | New         | Normal   | Retire wb1  |                  | 0      |
| 18860 | Arvados | Story   | New         | Normal   | Display number of container attempts and make it easy to access past logs                   |                  | 0      |
| 18858 | Arvados | Feature | New         | Normal   | sync-users-tool for synchronizing users   | Lucas Di Pentima | 0      |
| 18853 | Arvados | Story   | New         | Normal   | Get input collection uuid or metadata   |                  | 0      |
| 18846 | Arvados | Story   | New         | Normal   | Rendering rich descriptions   |                  | 0      |
| 18842 | Arvados | Feature | New         | Normal   | Local disk keep cache for Python SDK/arv-mount  |                  | 0      |
| 18841 | Arvados | Feature | New         | Normal   | Feature to inject additional info into wb2 details panel                                    |                  | 0      |
| 18840 | Arvados | Feature | New         | Normal   | Algorithm to repack small files into larger blocks  |                  | 0      |
| 18819 | Arvados | Task    | New         | Normal   | Review  | Stephen Smith    | 0      |
| 18817 | Arvados | Task    | New         | Normal   | review  | Peter Amstutz    | 0      |
| 18815 | Arvados | Task    | New         | Normal   | Review  | Peter Amstutz    | 0      |
| 18810 | Arvados | Feature | New         | Normal   | PySDK API Client wrapper methods that automatically translate properties using a vocabulary |                  | 0      |
| 18799 | Arvados | Story   | New         | Normal   | Strategy to tie the Python SDK to the API docs  |                  | 0      |
| 18798 | Arvados | Story   | New         | Normal   | Turn code cookbook into liquid template & include files separately                          |                  | 0      |
| 18797 | Arvados | Story   | In Progress | Normal   | Flesh out python sdk documentation in docstrings & ensure good presentation in pydoc        |                  | 0      |
| 18790 | Arvados | Feature | New         | Normal   | Access live container logs through arvados-client and crunch-run container gateway          |                  | 0      |
| 18788 | Arvados | Feature | New         | Normal   | User merge & migration support on LoginCluster federations                                  |                  | 0      |
| 18775 | Arvados | Feature | New         | Normal   | Search in picker dialogue for selecting Projects/Files/Directories                          |                  | 0      |
| 18765 | Arvados | Bug     | New         | Normal   | engine configuration too big > 1048448 with singularity                                     |                  | 0      |
| 18762 | Arvados | Bug     | New         | Normal   | rails background tasks scaling issues   |                  | 0      |
| 18726 | Arvados | Feature | New         | Normal   | a-c-r uses arv-put internally to upload dependencies  |                  | 0      |
| 18724 | Arvados | Bug     | New         | Normal   | Collection file_names should contain full paths for substring matching                      |                  | 0      |
| 18709 | Arvados | Task    | New         | Normal   | Review  | Peter Amstutz    | 0      |
| 18706 | Arvados | Task    | In Progress | Normal   | Review 18594-Collection-Advanced-Menu-is-trying-to-fetch-User-record-with-collection-UUID   | Daniel Kutyla    | 0      |
| 18693 | Arvados | Story   | New         | Normal   | Deduplicate permission links  |                  | 0      |
| 18692 | Arvados | Feature | In Progress | Normal   | Frozen projects workbench support   | Daniel Kutyla    | 0      |
| 18689 | Arvados | Feature | New         | Normal   | support secret_environment  |                  | 0      |
| 18677 | Arvados | Feature | New         | Normal   | Container runtime metrics API   |                  | 0      |
| 18672 | Arvados | Feature | New         | Normal   | [go sdk] describe + implement desired Go SDK  |                  | 0      |
| 18671 | Arvados | Bug     | New         | Normal   | [go sdk] update documentation   |                  | 0      |
| 18669 | Arvados | Task    | New         | Normal   | review 18668-add-project-support-to-deduplication-report                                    |                  | 0      |

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| 18668 | Arvados | Feature | In Progress | Normal   | [deduplication report] add project support  | Ward Vandewege   | 0      |
| 18650 | Arvados | Task    | New         | Normal   | Design API for helper methods for working with vocabularies   | Peter Amstutz    | 0      |
| 18623 | Arvados | Feature | New         | Normal   | Ensure Etag can be used and honor If-Match header in updates  |                  | 0      |
| 18621 | Arvados | Feature | New         | Normal   | Ability for admin to purge old versions of a collection   |                  | 0      |
| 18620 | Arvados | Feature | New         | Normal   | [LSF] use btop to adjust relative priorities of arvados jobs  |                  | 0      |
| 18618 | Arvados | Bug     | New         | Normal   | Reusing workflows/steps is too slow   |                  | 0      |
| 18616 | Arvados | Task    | New         | Normal   | Review  | Ward Vandewege   | 0      |
| 18615 | Arvados | Task    | New         | Normal   | Review  | Lucas Di Pentima | 0      |
| 18613 | Arvados | Task    | New         | Normal   | Review  | Peter Amstutz    | 0      |
| 18609 | Arvados | Task    | New         | Normal   | Review  | Ward Vandewege   | 0      |
| 18586 | Arvados | Bug     | New         | Normal   | Remove docs/code for unsupported AsyncPermissionsUpdateInterval   |                  | 0      |
| 18576 | Arvados | Feature | New         | Normal   | arv-put converts properties aliases to vocabulary ids   |                  | 0      |
| 18573 | Arvados | Feature | New         | Normal   | packer compute image builder script should take an explicit arvados package version to install instead of latest in selected package repository |                  | 0      |
| 18564 | Arvados | Feature | New         | Normal   | [art] run jenkins release build steps with a set of parameters  | Ward Vandewege   | 0      |
| 18563 | Arvados | Bug     | New         | Normal   | [config] simplify/streamline InternalURLs/ExternalURL situation   |                  | 0      |
| 18548 | Arvados | Feature | New         | Normal   | Ability to share a link to the "Get API Token" dialog in WB"  |                  | 0      |
| 18516 | Arvados | Story   | New         | Normal   | run Theia interactively for development on shell and/or compute nodes   |                  | 0      |
| 18515 | Arvados | Story   | New         | Normal   | run interactive Jupyter on shell and/or compute nodes   |                  | 0      |
| 18514 | Arvados | Story   | New         | Normal   | Research framework for interactive tutorials that overlay the app   |                  | 0      |
| 18512 | Arvados | Task    | In Progress | Normal   | Review 18488-nonblocking-advisory-lock  | Tom Clegg        | 0      |
| 18501 | Arvados | Bug     | New         | Normal   | Add option in ARV GUI to open link in new tab   |                  | 0      |
| 18500 | Arvados | Bug     | New         | Normal   | Arvados CV for "Study Type" property not active   |                  | 0      |
| 18499 | Arvados | Bug     | New         | Normal   | Advanced Dialog on collections shows the manifest_text as null  |                  | 0      |
| 18498 | Arvados | Bug     | New         | Normal   | WB2 collection UUID in project URL shows blank page   |                  | 0      |
| 18486 | Arvados | Bug     | New         | Normal   | Docker containers are always removed  |                  | 0      |
| 18481 | Arvados | Bug     | New         | Normal   | Workbench allows setting values with leading and trailing whitespace in property values   |                  | 0      |
| 18464 | Arvados | Feature | New         | Normal   | Batch update endpoint for permission changes  |                  | 0      |
| 18463 | Arvados | Feature | New         | Normal   | Sharing dialog shows all permissions including indirect and allows searching for users by name  |                  | 0      |
| 18462 | Arvados | Story   | New         | Normal   | Requesting object by uuid should return 403 instead of 404  |                  | 0      |

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| 18393 | Arvados | Bug     | New         | Normal   | [workbench2] forces relogin on every new window/tab  |                | 0      |
| 18385 | Arvados | Bug     | New         | Normal   | arvados-server config-dump   arvados-server config-check -config=- spurious warnings                                   |                | 0      |
| 18369 | Arvados | Feature | New         | Normal   | [doc] describe the block packing algorithm used by our various Keep clients (arv-put, python sdk, keep-web, arv-mount) |                | 0      |
| 18368 | Arvados | Feature | New         | Normal   | Notification banner  |                | 0      |
| 18362 | Arvados | Story   | New         | Normal   | cwltest results for Arvados produces badges which can be linked to from commonwl.org                                   |                | 0      |
| 18347 | Arvados | Feature | New         | Normal   | Cache negative token lookups in federation/OIDC  |                | 0      |
| 18345 | Arvados | Bug     | New         | Normal   | Activity script crash  |                | 0      |
| 18341 | Arvados | Story   | New         | Normal   | "arvados-server init" can set up a single-node production cluster  |                | 0      |
| 18338 | Arvados | Story   | New         | Normal   | "arvados-server init" can use a local root CA to sign certificates   |                | 0      |
| 18335 | Arvados | Feature | New         | Normal   | Export health checks as Prometheus metrics   |                | 0      |
| 18334 | Arvados | Bug     | New         | Normal   | Accept release info changes in docker recipes  |                | 0      |
| 18311 | Arvados | Bug     | New         | Normal   | [cwl] test 221 in the 1.2 conformance suite is failing on singularity  | Peter Amstutz  | 0      |
| 18292 | Arvados | Bug     | New         | Normal   | [cleanup] remove AssignNodeHostname from the configuration. Also from the documentation.                               |                | 0      |
| 18291 | Arvados | Task    | In Progress | Normal   | Review 18287-external-url-defaults   | Tom Clegg      | 0      |
| 18280 | Arvados | Bug     | New         | Normal   | Advanced Search in ARV PROD GUI non-functional   |                | 0      |
| 18279 | Arvados | Bug     | New         | Normal   | Data Collection page on 2.3.0 rc2  |                | 0      |
| 18278 | Arvados | Bug     | New         | Normal   | [k8s] start using an ingress   | Ward Vandewege | 0      |
| 18266 | Arvados | Bug     | New         | Normal   | Turn manual testing plan for WB2 into tickets to write cypress tests   | Peter Amstutz  | 0      |
| 18262 | Arvados | Bug     | New         | Normal   | [crunch-run] handle out-of-diskspace on the compute node better  |                | 0      |
| 18255 | Arvados | Story   | New         | Normal   | Proof of concept Arvados single-node AMI   |                | 0      |
| 18241 | Arvados | Story   | New         | Normal   | "NanoCPUs can not be set" Docker error   |                | 0      |
| 18239 | Arvados | Story   | New         | Normal   | Add Kubernetes testing to CI   |                | 0      |
| 18235 | Arvados | Task    | New         | Normal   | Review   | Ward Vandewege | 0      |
| 18234 | Arvados | Task    | New         | Normal   | Review   | Ward Vandewege | 0      |
| 18227 | Arvados | Task    | New         | Normal   | Review   | Peter Amstutz  | 0      |
| 18225 | Arvados | Task    | In Progress | Normal   | Review 18207-Workbench2-is-not-clearing-the-project-content-when-switching   | Daniel Kutyla  | 0      |
| 18221 | Arvados | Story   | In Progress | Normal   | Test coverage plan for combinations of slurm/lsf/cloud singularity/docker  | Ward Vandewege | 0      |
| 18220 | Arvados | Bug     | New         | Normal   | Support Docker ENTRYPOINT on Singularity in crunch-run   |                | 0      |
| 18218 | Arvados | Feature | New         | Normal   | ARV GUI: perform operations on files selected via the filter   |                | 0      |
| 18217 | Arvados | Feature | New         | Normal   | Enable file sorting in Data Collection   |                | 0      |

| #     | Project | Tracker | Status      | Priority | Subject   | Assigned To    | % Done |
|-------|---------|---------|-------------|----------|---|----------------|--------|
| 18214 | Arvados | Bug     | New         | Normal   | global search results link to wb1 not wb2   |                | 0      |
| 18213 | Arvados | Feature | New         | Normal   | Arvados "display in new tab" shows outdated data  |                | 0      |
| 18212 | Arvados | Bug     | New         | Normal   | Read-only users can't open file in new tab  |                | 0      |
| 18211 | Arvados | Feature | New         | Normal   | Should the Loading Progress bar always be shown?  |                | 0      |
| 18210 | Arvados | Bug     | New         | Normal   | Create Mountainduck Bookmark files not working  |                | 0      |
| 18209 | Arvados | Feature | New         | Normal   | Re-run process on arvados throws error  |                | 0      |
| 18208 | Arvados | Bug     | New         | Normal   | Workbench2 search shows all sites even if just searching in one site                                  |                | 0      |
| 18205 | Arvados | Feature | New         | Normal   | [api] [cloud] add live compute instance price to container record                                     |                | 0      |
| 18204 | Arvados | Bug     | New         | Normal   | Workbench2 is missing a UI that shows which group a user is member of                                 |                | 0      |
| 18199 | Arvados | Bug     | New         | Normal   | Issue with sharing settings of "open access" new projects   |                | 0      |
| 18198 | Arvados | Bug     | New         | Normal   | "copy selected files into collection" function in WB2 extremely slow                                  |                | 0      |
| 18197 | Arvados | Feature | New         | Normal   | add search option to input selection when running a workflow  |                | 0      |
| 18196 | Arvados | Feature | New         | Normal   | expose saved searches as browsing option on the left side   |                | 0      |
| 18194 | Arvados | Feature | New         | Normal   | "Release" as search option  |                | 0      |
| 18193 | Arvados | Feature | New         | Normal   | Multi-select collections and projects to delete them  |                | 0      |
| 18192 | Arvados | Bug     | New         | Normal   | Advanced search is showing ROX IDs in the search field syntax instead of clear values                 |                | 0      |
| 18191 | Arvados | Bug     | New         | Normal   | [doc] the compute node image doc does not take releases into account                                  |                | 0      |
| 18182 | Arvados | Feature | New         | Normal   | Parameter on get_permissions API to return every user and group with permissions                      |                | 0      |
| 18181 | Arvados | Feature | New         | Normal   | Ability to specify a % of compute instance price that user is willing to go over from cheapest        |                | 0      |
| 18174 | Arvados | Feature | New         | Normal   | [servers] add logging with automatic rotation to user-specified directory                             |                | 0      |
| 18171 | Arvados | Bug     | New         | Normal   | cannot view HTMLs from arvados workbench  |                | 0      |
| 18170 | Arvados | Bug     | New         | Normal   | Display of long names can be improved on WB2  |                | 0      |
| 18168 | Arvados | Bug     | New         | Normal   | Workbench2 Trash is not listing all trashed items   |                | 0      |
| 18167 | Arvados | Bug     | New         | Normal   | Files in collection are not sorted  |                | 0      |
| 18166 | Arvados | Bug     | New         | Normal   | [Release] Auto-sync the arvados gem dependencies on RailsAPI and Workbench1                           |                | 0      |
| 18165 | Arvados | Feature | New         | Normal   | Whole-collection search in new collection viewer  |                | 0      |
| 18163 | Arvados | Feature | New         | Normal   | [Crunch] add CWL extension to limit the number of concurrently running jobs during a scatter          |                | 0      |
| 18161 | Arvados | Bug     | New         | Normal   | [a-d-c] the arvados_dispatchcloud_queue_entries prometheus metric should report actual instance types |                | 0      |
| 18150 | Arvados | Story   | New         | Normal   | Document configuration items for customizing text in Workbench  |                | 0      |
| 18125 | Arvados | Feature | New         | Normal   | [deployment][provision][documentation] explain how to use a custom/existing postgresql RDBMS          | Javier Bértoli | 0      |
| 18124 | Arvados | Feature | New         | Normal   | User edit page  |                | 0      |
| 18118 | Arvados | Bug     | New         | Normal   | investigate separate socket timeouts waiting for connection and HTTP response in Python SDK           |                | 0      |
| 18117 | Arvados | Story   | In Progress | Normal   | Sample tracker  |                | 0      |



| #     | Project | Tracker | Status      | Priority | Subject  | Assigned To      | % Done |
|-------|---------|---------|-------------|----------|--|------------------|--------|
| 18114 | Arvados | Bug     | New         | Normal   | [a-d-c] slow down retries when CreateInstance returns non-quota/non-throttle errors                                    |                  | 0      |
| 18101 | Arvados | Bug     | New         | Normal   | [a-d-c] [AWS] add option to spin up (spot) instances in more/all availability zones in the region                      |                  | 0      |
| 18075 | Arvados | Bug     | New         | Normal   | arvados-dispatch-cloud should respect Containers.MaxComputeVMs   |                  | 0      |
| 18071 | Arvados | Feature | New         | Normal   | Use postgresql advisory locks to prevent concurrent dispatcher / keep-balance processes                                |                  | 0      |
| 18041 | Arvados | Task    | New         | Normal   | Review   | Peter Amstutz    | 0      |
| 18019 | Arvados | Bug     | New         | Normal   | [deployment][arvados-formula] selinux breaks many installation steps   |                  | 0      |
| 18016 | Arvados | Bug     | New         | Normal   | [api] remove unused last_used_at and last_used_by_ip_address columns on api_client_authorizations table                |                  | 0      |
| 18011 | Arvados | Bug     | New         | Normal   | [packaging][centos7] systemctl daemon-reload should be run by the post-inst script when upgrading packages on centos 7 |                  | 0      |
| 18009 | Arvados | Bug     | New         | Normal   | [controller] always returns an empty "unsigned_manifest_text" field for collections                                    |                  | 0      |
| 18008 | Arvados | Bug     | New         | Normal   | [api] reqid not always being recorded in the api server log  |                  | 0      |
| 18000 | Arvados | Bug     | New         | Normal   | [deduplicationreport] negative number in the "saved by Keep deduplication" report                                      |                  | 0      |
| 17993 | Arvados | Feature | New         | Normal   | [deduplication-report] supports storage classes  |                  | 0      |
| 17991 | Arvados | Task    | In Progress | Normal   | Review #17990 arvados-formula:commit:1ad296f, branch 17990-add-rvm-to-ubuntu1804                                       | Ward Vandewege   | 0      |
| 17988 | Arvados | Feature | New         | Normal   | Enforce memory limits using Singularity + cloud  |                  | 0      |
| 17981 | Arvados | Feature | New         | Normal   | Hint to set properties on output collection based on workflow input or output parameter values                         |                  | 0      |
| 17969 | Arvados | Support | New         | Normal   | Investigate plugins for redmine templates  | Lucas Di Pentima | 0      |
| 17953 | Arvados | Story   | New         | Normal   | [api] Remove unused "node" object  |                  | 0      |
| 17950 | Arvados | Task    | New         | Normal   | review 17949-add-bullseye  |                  | 0      |
| 17946 | Arvados | Feature | New         | Normal   | design: add complex structures to structured vocabulary  |                  | 0      |
| 17945 | Arvados | Feature | New         | Normal   | design: Add type checking to the structured vocabulary   |                  | 0      |
| 17942 | Arvados | Bug     | New         | Normal   | [arv-mount] requests manifest text multiple times when mounting collection   |                  | 0      |
| 17941 | Arvados | Bug     | New         | Normal   | [ws] memory management issues  |                  | 0      |
| 17940 | Arvados | Bug     | New         | Normal   | [controller] memory management issues  |                  | 0      |
| 17938 | Arvados | Bug     | New         | Normal   | [deployment][arvados-formula] shell node centos-7 packages   | Javier Bértoli   | 0      |
| 17937 | Arvados | Bug     | New         | Normal   | [workbench] uploader is hardcoded to X-Keep-Desired-Replicas: 2  |                  | 0      |
| 17931 | Arvados | Task    | New         | Normal   | Review   | Lucas Di Pentima | 0      |
| 17919 | Arvados | Task    | New         | Normal   | investigate  | Peter Amstutz    | 0      |
| 17918 | Arvados | Bug     | New         | Normal   | cwltool 'id' changes packing behavior  | Peter Amstutz    | 0      |
| 17910 | Arvados | Task    | New         | Normal   | investigate  | Peter Amstutz    | 0      |
| 17909 | Arvados | Task    | New         | Normal   | investigate  | Peter Amstutz    | 0      |

| #     | Project | Tracker | Status      | Priority | Subject  | Assigned To    | % Done |
|-------|---------|---------|-------------|----------|--|----------------|--------|
| 17878 | Arvados | Bug     | New         | Normal   | [container shell] confusing error "channel 3: bad ext data" when forwarding tcp traffic into a container with API: false                   |                | 0      |
| 17876 | Arvados | Task    | New         | Normal   | Review   | Ward Vandewege | 0      |
| 17875 | Arvados | Task    | New         | Normal   | Review   | Peter Amstutz  | 0      |
| 17859 | Arvados | Bug     | New         | Normal   | When @AutoSetupNewUsers: true@ new users' username is added as email   |                | 0      |
| 17846 | Arvados | Bug     | New         | Normal   | [tutorial] inconsistencies/roadbumps   | Ward Vandewege | 0      |
| 17845 | Arvados | Bug     | New         | Normal   | [tutorial] reuse is not working  |                | 0      |
| 17838 | Arvados | Feature | New         | Normal   | Create filter group from advanced search   |                | 0      |
| 17827 | Arvados | Feature | New         | Normal   | [deployment][provision] rename the *_TAG variables to *_FORMULA_TAG  |                | 0      |
| 17826 | Arvados | Feature | New         | Normal   | Mark individual collections with permission to download through keep-web.  |                | 0      |
| 17814 | Arvados | Feature | New         | Normal   | Send "invite" or "friend request" to connect with other users  |                | 0      |
| 17807 | Arvados | Feature | New         | Normal   | keep-web supports login flow   |                | 0      |
| 17805 | Arvados | Feature | In Progress | Normal   | [fuse] access containers and container_requests through by_id directory in sitefs  | Tom Clegg      | 0      |
| 17786 | Arvados | Bug     | New         | Normal   | [deployment][webshell][shellinabox] centos 7's shellinabox is not pam-enabled  |                | 0      |
| 17780 | Arvados | Bug     | New         | Normal   | [a-d-c] when toggling UsePreemptibleInstances, existing containers that are runnable generate lots of errors                               |                | 0      |
| 17775 | Arvados | Bug     | New         | Normal   | [a-d-c] the user should be able to see when preemptible nodes get shut down and the running container requeued                             |                | 0      |
| 17773 | Arvados | Feature | New         | Normal   | support token OIDC token introspection   |                | 0      |
| 17772 | Arvados | Feature | New         | Normal   | use subject identifier (username etc) in "identity_url" instead of "email" for login   |                | 0      |
| 17771 | Arvados | Bug     | New         | Normal   | [a-d-c] when a cluster supports preemptible nodes, there should be a knob to allow the user to choose the use of preemptible nodes, or not |                | 0      |
| 17768 | Arvados | Feature | New         | Normal   | Special file/path in collection that indicates a folder shouldn't be expanded by default   |                | 0      |
| 17764 | Arvados | Bug     | New         | Normal   | [arv-put] progress update does not refresh frequently enough   |                | 0      |
| 17759 | Arvados | Bug     | New         | Normal   | [Keep] azure blob driver 404 errors are weird  |                | 0      |
| 17751 | Arvados | Feature | New         | Normal   | [arvados-dispatch-cloud] expose rate-limiting condition in metrics   | Nico César     | 0      |
| 17746 | Arvados | Bug     | New         | Normal   | Long lines in the WB2 logs are wrapped messing up the viewport   |                | 0      |
| 17745 | Arvados | Bug     | New         | Normal   | [config] arvados-server config-dump with ec2 driver has confusing output   |                | 0      |
| 17741 | Arvados | Bug     | New         | Normal   | Golang SDK CollectionFileSystem uses time.Now() as default Last-Modified for all collections identified by portable data hash              |                | 0      |
| 17718 | Arvados | Story   | New         | Normal   | Standalone JWT token support for OIDC  |                | 0      |
| 17699 | Arvados | Story   | In Progress | Normal   | Design new keepstore internal architecture that supports efficient streaming & range requests  | Tom Clegg      | 0      |
| 17695 | Arvados | Feature | In Progress | Normal   | [costanalyzer] make an accurate report for spot instances on AWS   |                | 0      |

| #     | Project | Tracker | Status      | Priority | Subject   | Assigned To    | % Done |
|-------|---------|---------|-------------|----------|---|----------------|--------|
| 17694 | Arvados | Feature | New         | Normal   | [Keep][keep-web] improve observability of buffer cache  |                | 0      |
| 17693 | Arvados | Feature | New         | Normal   | [keep-web] Improve cache efficiency for a mix of fast and slow clients  |                | 0      |
| 17684 | Arvados | Feature | New         | Normal   | [deployment][arvados-formula] add sudo examples to use arvados as a pam source for shell nodes                        |                | 0      |
| 17681 | Arvados | Bug     | New         | Normal   | [controller] seems to have a really long timeout for its db connection  |                | 0      |
| 17674 | Arvados | Bug     | New         | Normal   | add profiling infrastructure to Rails API server  |                | 0      |
| 17669 | Arvados | Task    | In Progress | Normal   | Review  | Tom Clegg      | 0      |
| 17660 | Arvados | Task    | In Progress | Normal   | Review 17209-http-forward   | Ward Vandewege | 0      |
| 17628 | Arvados | Task    | In Progress | Normal   | 15. push arvbox-demo image  |                | 0      |
| 17613 | Arvados | Feature | New         | Normal   | "created_by_uuid" field   |                | 0      |
| 17597 | Arvados | Bug     | New         | Normal   | [keep-web] Improve error response when AnonymousUserToken not configured and no token provided by client              |                | 0      |
| 17586 | Arvados | Feature | New         | Normal   | Merge collections   |                | 0      |
| 17584 | Arvados | Bug     | New         | Normal   | Permission dialog should indicate that permissions are inherited  |                | 0      |
| 17581 | Arvados | Feature | New         | Normal   | Improvement: hierarchy in workflow selection in WB2   |                | 0      |
| 17580 | Arvados | Bug     | New         | Normal   | multi-select for inputs in workflow doesn't work anymore  |                | 0      |
| 17578 | Arvados | Bug     | New         | Normal   | Global search results presentation in WB2   |                | 0      |
| 17577 | Arvados | Bug     | New         | Normal   | Current description not shown under Edit Project  |                | 0      |
| 17576 | Arvados | Bug     | New         | Normal   | Copy collection link includes style   |                | 0      |
| 17575 | Arvados | Bug     | New         | Normal   | "Shared with me" Tree keeps expanding even if I closed it intentionally   |                | 0      |
| 17561 | Arvados | Bug     | New         | Normal   | [arvados-dispatch-cloud] inst.SetTags() and inst.Destroy() should respect rate-limiting responses from cloud provider |                | 0      |
| 17557 | Arvados | Task    | New         | Normal   | Review  |                | 0      |
| 17556 | Arvados | Task    | In Progress | Normal   | Review 16997-sort-config-for-diff   | Tom Clegg      | 0      |
| 17555 | Arvados | Task    | In Progress | Normal   | Review 16971-Issues-with-Project-and-Collection-name-description-not-being-saved-shown                                | Daniel Kutyla  | 0      |
| 17554 | Arvados | Task    | New         | Normal   | Review  |                | 0      |
| 17536 | Arvados | Task    | New         | Normal   | Review  | Peter Amstutz  | 0      |
| 17520 | Arvados | Feature | New         | Normal   | Option to delete a container and all associated child containers, logs and outputs.                                   |                | 0      |
| 17510 | Arvados | Feature | New         | Normal   | Create filter group based on an advanced search query in the UI   |                | 0      |
| 17502 | Arvados | Task    | In Progress | Normal   | need help finding docker contain to run correct java version for PharmCAT   | Ward Vandewege | 0      |
| 17494 | Arvados | Bug     | New         | Normal   | Still updating users from login cluster when nothing changed  |                | 0      |
| 17490 | Arvados | Feature | New         | Normal   | [workbench2] make filter groups creatable/editable  |                | 0      |
| 17483 | Arvados | Task    | New         | Normal   | Review  |                | 0      |

| #     | Project | Tracker | Status      | Priority | Subject  | Assigned To      | % Done |
|-------|---------|---------|-------------|----------|--|------------------|--------|
| 17478 | Arvados | Story   | New         | Normal   | Port Rails controller and integration tests for Groups to controller   |                  | 0      |
| 17477 | Arvados | Task    | New         | Normal   | document arv-bash  |                  | 0      |
| 17472 | Arvados | Story   | In Progress | Normal   | Architecture for displaying container metrics in workbench   | Tom Clegg        | 0      |
| 17468 | Arvados | Feature | New         | Normal   | [controller] Skip repetitive OIDC UserInfo calls if access token validates as an ID token  |                  | 0      |
| 17461 | Arvados | Feature | New         | Normal   | Flag to make turn file format mismatches from an error to a warning  | Jiayong Li       | 0      |
| 17459 | Arvados | Task    | New         | Normal   | Review   | Peter Amstutz    | 0      |
| 17456 | Arvados | Task    | New         | Normal   | Review   | Peter Amstutz    | 0      |
| 17433 | Arvados | Bug     | New         | Normal   | Long picklists hide typing field in WB2  |                  | 0      |
| 17428 | Arvados | Bug     | New         | Normal   | [deployment] arvados-api-server fails to re-install/upgrade if the postgresql-client and the server versions differ              |                  | 0      |
| 17424 | Arvados | Bug     | New         | Normal   | [API] group contents endpoint edge cases with filter on uuid   |                  | 0      |
| 17420 | Arvados | Support | New         | Normal   | Review Lon's cwltool PR  | Peter Amstutz    | 0      |
| 17413 | Arvados | Bug     | New         | Normal   | [arv-mount] Exit (instead of undefined behavior) after unhandled exception   |                  | 0      |
| 17412 | Arvados | Task    | New         | Normal   | Review   | Peter Amstutz    | 0      |
| 17410 | Arvados | Task    | New         | Normal   | Review   | Peter Amstutz    | 0      |
| 17403 | Arvados | Task    | In Progress | Normal   | Review 17337-files-not-visible-in-arvados  | Daniel Kutyla    | 0      |
| 17401 | Arvados | Feature | New         | Normal   | VS code plugin for Arvados   |                  | 0      |
| 17381 | Arvados | Bug     | New         | Normal   | [playground] [wb2] add a redirect  |                  | 0      |
| 17368 | Arvados | Task    | Feedback    | Normal   | 10. Deploy RC to su92l   | Peter Amstutz    | 0      |
| 17358 | Arvados | Bug     | New         | Normal   | [wb2] mis-placed label?  |                  | 0      |
| 17357 | Arvados | Bug     | New         | Normal   | [wb2] ssh keys for admin user list all of them (in the user tab)   |                  | 0      |
| 17354 | Arvados | Feature | New         | Normal   | Be able to inject additional documentation text into WebDAV/s3 info dialog   |                  | 0      |
| 17348 | Arvados | Story   | New         | Normal   | Example workflow template which streams data from S3 in first step, does some computation steps, and uploads results back to S3. |                  | 0      |
| 17347 | Arvados | Bug     | New         | Normal   | crunch-run --list fatal error out of memory  |                  | 0      |
| 17345 | Arvados | Bug     | New         | Normal   | [boot] handle dependency upgrades better in "arvados-package build"  |                  | 0      |
| 17344 | Arvados | Story   | New         | Normal   | [boot] Make arvados-server-easy package suitable for demo use case   | Tom Clegg        | 0      |
| 17327 | Arvados | Feature | New         | Normal   | Go codegen for reading/writing CWL   | Nico César       | 0      |
| 17326 | Arvados | Task    | New         | Normal   | Review   | Lucas Di Pentima | 0      |
| 17320 | Arvados | Support | New         | Normal   | Explain what additional configuration is needed for provision.sh to go to production   | Peter Amstutz    | 0      |
| 17314 | Arvados | Bug     | New         | Normal   | [API] [controller] [Workbench] 404 on foreign user UUID in admin interface   |                  | 0      |
| 17313 | Arvados | Feature | New         | Normal   | [Documentation] improve federation documentation   | Ward Vandewege   | 0      |

| #     | Project | Tracker | Status      | Priority | Subject  | Assigned To    | % Done |
|-------|---------|---------|-------------|----------|--|----------------|--------|
| 17310 | Arvados | Feature | New         | Normal   | SAML support   |                | 0      |
| 17309 | Arvados | Feature | New         | Normal   | Keep "Shared with me" collapsed unless opened manually                     |                | 0      |
| 17304 | Arvados | Feature | New         | Normal   | Allow setting properties on processes                                      |                | 0      |
| 17303 | Arvados | Feature | New         | Normal   | List properties and allow filtering by them in the project listings        |                | 0      |
| 17292 | Arvados | Feature | New         | Normal   | Merging collections feature  |                | 0      |
| 17291 | Arvados | Bug     | New         | Normal   | Copy selected to collection issue  |                | 0      |
| 17287 | Arvados | Story   | In Progress | Normal   | Ruby 2.5 will be EOLed soon, make sure to be ready for 2.6                 |                | 0      |
| 17283 | Arvados | Task    | New         | Normal   | Review   | Ward Vandewege | 0      |
| 17277 | Arvados | Task    | New         | Normal   | Make sure machine is configured to respond for that virtual host           | Ward Vandewege | 0      |
| 17275 | Arvados | Bug     | New         | Normal   | Move Go Arvados RPC module into Go SDK & migrate to new API                |                | 0      |
| 17274 | Arvados | Story   | New         | Normal   | Add "viewer.commonwl.org" DNS alias  | Peter Amstutz  | 0      |
| 17272 | Arvados | Story   | New         | Normal   | Doc site feedback  |                | 0      |
| 17261 | Arvados | Feature | New         | Normal   | Determine ownership of objects within wb2                                  |                | 0      |
| 17251 | Arvados | Feature | New         | Normal   | Investigate mypyc for arvados-cwl-runner                                   |                | 0      |
| 17244 | Arvados | Bug     | New         | Normal   | Make sure cgroupsV2 works with Arvados                                     |                | 0      |
| 17232 | Arvados | Support | New         | Normal   | add example of readRDS() to arvadosR help                                  |                | 0      |
| 17214 | Arvados | Story   | New         | Normal   | Investigate using tracing  |                | 0      |
| 17209 | Arvados | Feature | In Progress | Normal   | Controller forwards web requests to crunch worker nodes                    | Tom Clegg      | 0      |
| 17206 | Arvados | Feature | New         | Normal   | crunch-run reverse proxies HTTP requests to container                      |                | 0      |
| 17194 | Arvados | Feature | New         | Normal   | support Amazon Linux   |                | 0      |
| 17186 | Arvados | Bug     | New         | Normal   | [dispatch] broken node logs should also be copied to a-d-c logs            |                | 0      |
| 17185 | Arvados | Feature | New         | Normal   | [adc] add broken node metrics  | Tom Clegg      | 0      |
| 17181 | Arvados | Task    | New         | Normal   | Talk to Michael  |                | 0      |
| 17178 | Arvados | Feature | New         | Normal   | Render live graphs of container crunchstat in wb2                          |                | 0      |
| 17174 | Arvados | Feature | New         | Normal   | Menu item ordering   |                | 0      |
| 17172 | Arvados | Feature | New         | Normal   | Stale-while-revalidate caching strategy for requests                       |                | 0      |
| 17168 | Arvados | Bug     | In Progress | Normal   | Add some basic documentation about wb2 to user guide                       | Sarah Zaranek  | 0      |
| 17166 | Arvados | Support | Feedback    | Normal   | Set up CWL project jenkins server  |                | 0      |
| 17160 | Arvados | Bug     | New         | Normal   | [packaging] upgrade run_upload_packages.py to use twine for upload to PyPI |                | 0      |
| 17159 | Arvados | Bug     | New         | Normal   | [build] make build-packages-python-ruby run on a Jenkins satellite         |                | 0      |
| 17158 | Arvados | Bug     | New         | Normal   | Cannot execute a registered CommandLineTool, only Workflow                 |                | 0      |
| 17157 | Arvados | Bug     | New         | Normal   | Workbench should have all collection updates result in new versions        |                | 0      |

| #     | Project | Tracker | Status      | Priority | Subject   | Assigned To      | % Done |
|-------|---------|---------|-------------|----------|---|------------------|--------|
| 17153 | Arvados | Bug     | New         | Normal   | Displays "Your project is empty." instead of "Nothing matched the search" when a search doesn't find anything |                  | 0      |
| 17149 | Arvados | Feature | New         | Normal   | Checkpoint / snapshot to support migrating tasks when more memory is needed                                   |                  | 0      |
| 17148 | Arvados | Feature | New         | Normal   | add logging middleware to lib/cmd   |                  | 0      |
| 17116 | Arvados | Story   | New         | Normal   | Consider excluding api_client_authorization from audit logs by default.                                       |                  | 0      |
| 17112 | Arvados | Feature | New         | Normal   | Store unsigned collection manifests in keep   |                  | 0      |
| 17110 | Arvados | Feature | New         | Normal   | Container reuse on sub-workflows and chunks of scatter inputs   |                  | 0      |
| 17104 | Arvados | Feature | New         | Normal   | Feature to toggle "detailed rows" in project view   |                  | 0      |
| 17100 | Arvados | Feature | New         | Normal   | Audit logs should include current/logged in user  |                  | 0      |
| 17089 | Arvados | Task    | New         | Normal   | Review  | Lucas Di Pentima | 0      |
| 17074 | Arvados | Bug     | New         | Normal   | Use count=none & keyset paging  |                  | 0      |
| 17073 | Arvados | Bug     | New         | Normal   | Permission links originating from users should only update that user  | Peter Amstutz    | 0      |
| 17070 | Arvados | Feature | New         | Normal   | [packaging][centos] build packages for centos8  |                  | 0      |
| 17054 | Arvados | Feature | In Progress | Normal   | Custom naming for scatter steps   |                  | 0      |
| 17052 | Arvados | Bug     | In Progress | Normal   | arvados-server replaces run_test_services.py  |                  | 0      |
| 17041 | Arvados | Bug     | New         | Normal   | Upload doesn't work on arvbox-demo  |                  | 0      |
| 17038 | Arvados | Feature | New         | Normal   | [controller] Option to request additional scopes, and verify additional claims, during OpenID Connect auth    |                  | 0      |
| 17037 | Arvados | Feature | New         | Normal   | [controller] Improve use of given_name/family_name fields for generic OpenID Connect providers                |                  | 0      |
| 17005 | Arvados | Bug     | New         | Normal   | CWL v1.2 Conformance test 83 failed twice on the new Arvados Playground                                       |                  | 0      |
| 16975 | Arvados | Feature | New         | Normal   | Direct navigation to federated objects  |                  | 0      |
| 16973 | Arvados | Bug     | New         | Normal   | No "disable re-use" option when running a newly registered workflow   |                  | 0      |
| 16972 | Arvados | Bug     | New         | Normal   | Container request page doesn't refresh  |                  | 0      |
| 16970 | Arvados | Bug     | New         | Normal   | "Shared" option in sharing dialog is confusing  |                  | 0      |
| 16964 | Arvados | Task    | New         | Normal   | Review  | Peter Amstutz    | 0      |
| 16933 | Arvados | Bug     | New         | Normal   | [login federation] post-trashing collection UX bug  |                  | 0      |
| 16932 | Arvados | Bug     | New         | Normal   | [login federation] trashing collections: snackbar issues  |                  | 0      |
| 16931 | Arvados | Bug     | New         | Normal   | [login federation] Not Found modal when looking at trashed collection   |                  | 0      |
| 16888 | Arvados | Bug     | In Progress | Normal   | Federate container token cannot access resources on other clusters  | Tom Clegg        | 0      |
| 16881 | Arvados | Task    | New         | Normal   | Review  | Peter Amstutz    | 0      |
| 16879 | Arvados | Task    | New         | Normal   | Review  | Peter Amstutz    | 0      |
| 16872 | Arvados | Support | New         | Normal   | Convert WDL workflows to CWL, with notes  | Jiayong Li       | 0      |
| 16871 | Arvados | Support | New         | Normal   | Translate NextFlow workflows to CWL with notes  |                  | 0      |
| 16870 | Arvados | Story   | New         | Normal   | Research & create examples of other CWL patterns  | Jiayong Li       | 0      |

| #     | Project | Tracker | Status | Priority | Subject  | Assigned To    | % Done |
|-------|---------|---------|--------|----------|--|----------------|--------|
| 16869 | Arvados | Story   | New    | Normal   | Go through workflow patterns and add them to the CWL patterns repo                             | Jiayong Li     | 0      |
| 16867 | Arvados | Bug     | New    | Normal   | Rust SDK   |                | 0      |
| 16866 | Arvados | Feature | New    | Normal   | Support OpenAPI  |                | 0      |
| 16853 | Arvados | Bug     | New    | Normal   | [arvbox] various bugs  |                | 0      |
| 16852 | Arvados | Bug     | New    | Normal   | [keep-balance] replication level distribution should account for volumes' built-in replication |                | 0      |
| 16851 | Arvados | Bug     | New    | Normal   | [keep-balance] "underreplicated blocks" are overcounted in log messages                        |                | 0      |
| 16849 | Arvados | Feature | New    | Normal   | Investigate / document using Rabix Composer + arv-mount + arvados-cwl-runner                   |                | 0      |
| 16843 | Arvados | Feature | New    | Normal   | [a-d-c] admin cli  |                | 0      |
| 16832 | Arvados | Bug     | New    | Normal   | replace linkchecker in our build environment   | Ward Vandewege | 0      |
| 16830 | Arvados | Bug     | New    | Normal   | [keep-web] S3 PutObject response should have content MD5                                       |                | 0      |
| 16816 | Arvados | Task    | New    | Normal   | Review   |                | 0      |
| 16805 | Arvados | Bug     | New    | Normal   | "enter" dismisses setup dialog instead of submitting   |                | 0      |
| 16802 | Arvados | Feature | New    | Normal   | [packaging] create an arvados-shell-node package   |                | 0      |
| 16800 | Arvados | Feature | New    | Normal   | PAM sets Arvados environment vars  |                | 0      |
| 16784 | Arvados | Feature | New    | Normal   | Roles view   |                | 0      |
| 16771 | Arvados | Bug     | New    | Normal   | [keepstore,arvados-dispatch-cloud] Driver parameter should be specified consistently           |                | 0      |
| 16768 | Arvados | Task    | New    | Normal   | Review   | Peter Amstutz  | 0      |
| 16764 | Arvados | Task    | New    | Normal   | Review   | Tom Clegg      | 0      |
| 16744 | Arvados | Feature | New    | Normal   | [keep-web] Support more S3 write APIs: DeleteObjects, POST object                              |                | 0      |
| 16741 | Arvados | Story   | New    | Normal   | Upload verification tool   |                | 0      |
| 16738 | Arvados | Feature | New    | Normal   | [a-d-c] introduce concept of "quota partition"   |                | 0      |
| 16728 | Arvados | Story   | New    | Normal   | Migrate federated workflow and federation user migrate tests to use arvados-boot               |                | 0      |
| 16701 | Arvados | Feature | New    | Normal   | Tool to compare contents of a local file system to contents of a collection                    |                | 0      |
| 16682 | Arvados | Bug     | New    | Normal   | Missing nodejs should not be a fatal error for submitting a workflow                           | Nico César     | 0      |
| 16673 | Arvados | Support | New    | Normal   | Document using OpenID Connect support for AAI  | Peter Amstutz  | 0      |
| 16664 | Arvados | Story   | New    | Normal   | Remove legacy config loading   |                | 0      |
| 16658 | Arvados | Bug     | New    | Normal   | [Bug] "Move/Copy To" Dialog does not list all possible target locations.                       |                | 0      |
| 16656 | Arvados | Bug     | New    | Normal   | Arvados bug (GUI): Favorites not displayed in ARV move function                                |                | 0      |
| 16651 | Arvados | Feature | New    | Normal   | Show sharing dialog also for users with read and write permissions                             |                | 0      |
| 16650 | Arvados | Feature | New    | Normal   | Downloading and open in new tab for subfolders in data collection                              |                | 0      |
| 16646 | Arvados | Feature | New    | Normal   | Search in Data collection  |                | 0      |
| 16644 | Arvados | Feature | New    | Normal   | Move files into existing collection  |                | 0      |

| #     | Project | Tracker | Status      | Priority | Subject  | Assigned To      | % Done |
|-------|---------|---------|-------------|----------|--|------------------|--------|
| 16643 | Arvados | Feature | New         | Normal   | Notification functionality   |                  | 0      |
| 16642 | Arvados | Feature | New         | Normal   | Processes page   |                  | 0      |
| 16641 | Arvados | Feature | New         | Normal   | Move / copy dialog with search field   |                  | 0      |
| 16640 | Arvados | Feature | New         | Normal   | Cluster c97qk interferes with proper search function   |                  | 0      |
| 16639 | Arvados | Feature | New         | Normal   | Display number of hits for search function   |                  | 0      |
| 16638 | Arvados | Feature | New         | Normal   | Open search result in new tab  |                  | 0      |
| 16633 | Arvados | Bug     | New         | Normal   | "Arvados VM" is not defined in the docs  |                  | 0      |
| 16617 | Arvados | Feature | New         | Normal   | Improve arv-copy for workflows   |                  | 0      |
| 16614 | Arvados | Bug     | New         | Normal   | Submitting workflows with large numbers of file inputs is very slow  |                  | 0      |
| 16610 | Arvados | Task    | New         | Normal   | Review   |                  | 0      |
| 16607 | Arvados | Task    | New         | Normal   | Review   | Ward Vandewege   | 0      |
| 16593 | Arvados | Feature | New         | Normal   | Way to determine owner to be able to request access  |                  | 0      |
| 16590 | Arvados | Feature | New         | Normal   | support dynamic arvados users on shell nodes (NSS)   |                  | 0      |
| 16583 | Arvados | Feature | In Progress | Normal   | Can programmatically distinguish between final outputs (results of top-level containers) and intermediate outputs. | Peter Amstutz    | 0      |
| 16574 | Arvados | Feature | New         | Normal   | Can limit which users can submit container requests.   |                  | 0      |
| 16571 | Arvados | Feature | New         | Normal   | Permission system supports seeing & sharing with a group without having access to group contents.                  |                  | 0      |
| 16567 | Arvados | Feature | New         | Normal   | GCP support in arvados-dispatch-cloud  |                  | 0      |
| 16566 | Arvados | Bug     | New         | Normal   | [cli] can't create a token when using a token created with create_superuser_token.rb                               |                  | 0      |
| 16563 | Arvados | Feature | New         | Normal   | All services support TLS directly  |                  | 0      |
| 16562 | Arvados | Feature | New         | Normal   | SDKs ask API server for preferred "Services" config based on whether you are "internal" or "external"              |                  | 0      |
| 16561 | Arvados | Story   | New         | Normal   | Add "Listen" to Services config  |                  | 0      |
| 16556 | Arvados | Bug     | New         | Normal   | Template for Workflow Displaying Last Step instead of Main on Workbench  |                  | 0      |
| 16552 | Arvados | Story   | New         | Normal   | "arvados-server init" can get TLS certificates from Let's Encrypt  | Tom Clegg        | 0      |
| 16546 | Arvados | Task    | New         | Normal   | Review   | Tom Clegg        | 0      |
| 16537 | Arvados | Task    | New         | Normal   | Review   | Peter Amstutz    | 0      |
| 16532 | Arvados | Support | New         | Normal   | Write a troubleshooting page with debugging advice for configuration issues  | Lucas Di Pentima | 0      |
| 16519 | Arvados | Feature | New         | Normal   | [keepstore] optimize md5sum calculations   |                  | 0      |
| 16518 | Arvados | Feature | New         | Normal   | [keep] Allow clients to set a header to disable md5sum calculations in keepstore                                   |                  | 0      |
| 16515 | Arvados | Feature | New         | Normal   | Display keep-balance block count stats in grafana dashboard  |                  | 0      |
| 16510 | Arvados | Bug     | New         | Normal   | Indirectly trashed item's context menu show editable actions   | Lucas Di Pentima | 0      |



| #     | Project | Tracker | Status      | Priority | Subject  | Assigned To    | % Done |
|-------|---------|---------|-------------|----------|--|----------------|--------|
| 16501 | Arvados | Task    | Feedback    | Normal   | 9. Run bam-to-vcf pipeline on playground   | Sarah Zaraneck | 0      |
| 16491 | Arvados | Feature | New         | Normal   | Local/Samba/NFS Arvados uploads in pure Golang   |                | 0      |
| 16489 | Arvados | Task    | New         | Normal   | Review 16439-objects-creation-placement-fix-tests  |                | 0      |
| 16462 | Arvados | Feature | New         | Normal   | Expand arvados-controller to expose forecast features  |                | 0      |
| 16453 | Arvados | Story   | New         | Normal   | [controller] Expand config comment about LDAP search filters   |                | 0      |
| 16448 | Arvados | Bug     | New         | Normal   | Validation should detect input/output parameter name collisions.   |                | 0      |
| 16436 | Arvados | Bug     | New         | Normal   | [install] Ensure postgresql has en_US.UTF-8 collation  |                | 0      |
| 16431 | Arvados | Story   | New         | Normal   | Write draft of stories / requirements / ideas for accessing external data                                    |                | 0      |
| 16426 | Arvados | Bug     | New         | Normal   | [arv-put] should calculate (worst case) manifest size up front before upload, and abort when it is too large |                | 0      |
| 16414 | Arvados | Task    | New         | Normal   | Review   | Peter Amstutz  | 0      |
| 16409 | Arvados | Bug     | New         | Normal   | User tool runs out of memory and is killed ; job still reported as being successful                          |                | 0      |
| 16401 | Arvados | Bug     | New         | Normal   | Provenance graph not correctly capturing scatter/gather  |                | 0      |
| 16400 | Arvados | Bug     | New         | Normal   | Project Description editing lacks preview mode and lacks formatting instructions                             |                | 0      |
| 16390 | Arvados | Feature | New         | Normal   | [k8s] add support for Azure AKS  |                | 0      |
| 16389 | Arvados | Feature | In Progress | Normal   | [k8s] add support for Amazon EKS   | Ward Vandewege | 0      |

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