

## 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 (1695)</b>							
19374	Arvados	Story	New	Normal	Workbench feedback		0
19364	Arvados	Story	New	Normal	Document use of diagnostics & health check to check running versions, config file matching, & overall cluster functioning		0
19246	Arvados Epics	Story	New	Normal	Investigate running NextFlow using TES on Arvados		0
19222	Arvados	Story	New	Normal	Planning for user guide rewrite	Sarah Zaranek	0
19181	Arvados	Story	New	Normal	Workbench 2 uses replace_files API		0
19171	Arvados Epics	Story	New	Normal	Playground onboarding		0
19170	Arvados Epics	Story	New	Normal	CWL-Seek		0
19154	Arvados Workbench 2	Story	New	Normal	Sharing dialog improvements followup		0
19132	Arvados Epics	Story	New	Normal	Versioning registered workflows		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	Tom Clegg	0
18973	Arvados	Story	New	Normal	Test combinations of federation scenarios		0
18968	Arvados	Story	New	Normal	Should be able to pick directories within collections	Stephen Smith	0
18967	Arvados	Story	New	Normal	drop legacy columns and tables		0
18942	Arvados	Story	New	Normal	Remove perl SDK, tests, dependencies		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
18853	Arvados	Story	New	Normal	Get input collection uuid or metadata		0

#	Project	Tracker	Status	Priority	Subject	Assigned To	% Done
18847	Arvados Epics	Story	New	Normal	Structured type checking for properties		0
18846	Arvados	Story	New	Normal	Rendering rich descriptions		0
18800	Arvados Epics	Story	New	Normal	Update Python SDK documentation		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
18693	Arvados	Story	New	Normal	Deduplicate permission links		0
18685	Arvados Epics	Story	New	Normal	Synchronize configuration on multi-node cluster		0
18684	Arvados Epics	Story	New	Normal	New user mode for Workbench (for use on Playground)		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
18462	Arvados	Story	New	Normal	Requesting object by uuid should return 403 instead of 404		0
18390	Arvados Epics	Story	In Progress	Normal	Frozen projects		0
18362	Arvados	Story	New	Normal	cwltest results for Arvados produces badges which can be linked to from commonwl.org		0
18350	Arvados Epics	Story	New	Normal	Login cluster with only arvados-controller & no fallback to Rails		0
18342	Arvados Epics	Story	New	Normal	Stream Keep data to minimize latency and memory usage		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
18337	Arvados Epics	Story	New	Normal	Easy install via OS package		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
18221	Arvados	Story	In Progress	Normal	Test coverage plan for combinations of slurm/lsf/cloud singularity/docker		0
18179	Arvados Epics	Story	New	Normal	Better spot instance support		0
18150	Arvados	Story	New	Normal	Document configuration items for customizing text in Workbench		0
18117	Arvados	Story	In Progress	Normal	Sample tracker		0
18047	Arvados Epics	Story	New	Normal	Faceted search of metadata		0
17953	Arvados	Story	New	Normal	[api] Remove unused "node" object		0
17849	Arvados Epics	Story	New	Normal	FUSE driver v2		0
17848	Arvados Epics	Story	In Progress	Normal	Improve a-c-r usability		0
17718	Arvados	Story	New	Normal	Standalone JWT token support for OIDC		0
17701	Arvados Epics	Story	New	Normal	WB2 usable on small screens / mobile		0

#	Project	Tracker	Status	Priority	Subject	Assigned To	% Done
17699	Arvados	Story	In Progress	Normal	Design new keepstore internal architecture that supports efficient streaming & range requests	Tom Clegg	0
17478	Arvados	Story	New	Normal	Port Rails controller and integration tests for Groups to controller		0
17472	Arvados	Story	In Progress	Normal	Architecture for displaying container metrics in workbench	Tom Clegg	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
17287	Arvados	Story	In Progress	Normal	Ruby 2.5 will be EOLed soon, make sure to be ready for 2.6		0
17274	Arvados	Story	New	Normal	Add "viewer.commonwl.org" DNS alias	Peter Amstutz	0
17272	Arvados	Story	New	Normal	Doc site feedback		0
17214	Arvados	Story	New	Normal	Investigate using tracing		0
17207	Arvados Epics	Story	New	Normal	External access to web services running in containers		0
17116	Arvados	Story	New	Normal	Consider excluding api_client_authorization from audit logs by default.		0
17002	Arvados Epics	Story	In Progress	Normal	Arvados Overview Video (Big Picture Video)		0
17001	Arvados Epics	Story	New	Normal	WGS Demo Works in WB2 and Is Updated to Reflect WB2 Features		0
16945	Arvados Epics	Story	In Progress	Normal	WB2 Workflows / containers feature parity		0
16943	Arvados Epics	Story	New	Normal	WB2 Descriptions, project & collection operations		0
16858	Arvados Epics	Story	New	Normal	Collection check in / check out		0
16782	Arvados Epics	Story	New	Normal	Add-on module system		0
16741	Arvados	Story	New	Normal	Upload verification tool		0
16728	Arvados	Story	New	Normal	Migrate federated workflow and federation user migrate tests to use arvados-boot		0
16664	Arvados	Story	New	Normal	Remove legacy config loading		0
16560	Arvados Epics	Story	New	Normal	Single-click install & subscription via cloud marketplace		0
16517	Arvados Epics	Story	In Progress	Normal	Workflow runtime/cost visibility and forecasting		0
16514	Arvados Epics	Story	New	Normal	Actionable insight into keep usage		0
16453	Arvados	Story	New	Normal	[controller] Expand config comment about LDAP search filters		0
16447	Arvados Epics	Story	In Progress	Normal	Improve container image handling		0
16446	Arvados Epics	Story	New	Normal	Manifest format improvements		0
16445	Arvados Epics	Story	New	Normal	Expand permission system		0
16442	Arvados Epics	Story	New	Normal	Scalable + reliable container logging		0
16431	Arvados	Story	New	Normal	Write draft of stories / requirements / ideas for accessing external data		0
16428	Arvados Epics	Story	New	Normal	Metrics dashboard		0
16379	Arvados	Story	New	Normal	SaltStack install integrates with prometheus/grafana		0
16303	Arvados Epics	Story	In Progress	Normal	Kubernetes support		0
16300	Arvados Workbench 2	Story	New	Normal	Compare 2 collection versions		0

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16222	Arvados	Story	New	Normal	Handle container live logs in a more scalable way		0
16210	Arvados Epics	Story	New	Normal	Research Object provenance (CWL-PROV)		0
16131	Arvados Workbench 2	Story	New	Normal	Read only fields shouldn't be sent to the api server		0
16082	Arvados Epics	Story	New	Normal	Port client tools to Go		0
16071	Arvados Workbench 2	Story	New	Normal	[Collection view] Provenance, used by for collections		0
16069	Arvados	Story	New	Normal	[boot] start a dev cluster		0
16057	Arvados Workbench 2	Story	New	Normal	Combine selected collections		0
15960	Arvados Epics	Story	New	Normal	Computing on external data		0
15958	Arvados Epics	Story	New	Normal	Workbench2 federated browsing		0
15941	Arvados Epics	Story	In Progress	Normal	arvados-boot		0
15925	Arvados	Story	New	Normal	Separate arvados-git-sync from API server		0
15911	Arvados	Story	In Progress	Normal	Integration tests for WB1 multi site search (mithril app)		0
15909	Arvados	Story	New	Normal	Systematic review of documentation gaps		0
15885	Arvados	Story	New	Normal	Integrate status dashboard		0
15880	Arvados	Story	New	Normal	Deprecate hosted git service		0
15879	Arvados	Story	New	Normal	Out of the box routing (NGINX) standard as part of basic install		0
15871	Arvados	Story	New	Normal	[Workbench2] Identify critical paths that require end to end tests		0
15865	Arvados	Story	New	Normal	[arvados-dispatch-cloud] Cumulative instance time and cost metrics		0
15834	Arvados	Story	New	Normal	[docs] Document admin user management features of workbench2		0
15789	Arvados	Story	New	Normal	[Workbench2] Fix user management UI		0
15788	Arvados	Story	New	Normal	Improve Arvados services go docs		0
15783	Arvados	Story	New	Normal	Add Arvados services go docs		0
15780	Arvados Workbench 2	Story	New	Normal	WB2: starting process should also show in which project the process would be started		0
15732	Arvados	Story	New	Normal	Update group sync tool for new group permission scheme		0
15730	Arvados	Story	New	Normal	[Workbench 2] Implement UI for new group permission scheme		0
15697	Arvados	Story	New	Normal	[doc] explain lifecycle of Keep blocks, and how it affects storage backend usage/cost		0
15641	Arvados	Story	New	Normal	[keep-balance] [SDKs] rendezvous by volume UUID instead of server UUID		0
15624	Arvados	Story	New	Normal	[WB2] Provide capability to use CSV file to populate inputs of workflow		0
15603	Arvados Workbench 2	Story	New	Normal	[Workbench 2] Update Fileupload component to new error reporting & unit test architecture		0
15584	Arvados Workbench 2	Story	New	Normal	[Workbench2] Complete auth store unit testing		0
15580	Arvados	Story	New	Normal	[CWL] Register workflow and run from git repo		0
15540	Arvados	Story	New	Normal	Paginate crunchstat-summary HTML output		0
15535	Arvados	Story	New	Normal	[CWL] Run from original CWL, not packed		0

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15528	Arvados	Story	New	Normal	[docs] better explain the relationship between API server, controller and nginx in install docs		0
15517	Arvados Workbench 2	Story	New	Normal	Improve pagination of very long lists		0
15502	Arvados	Story	New	Normal	endpoint to show why container requests didn't reuse		0
15476	Arvados	Story	New	Normal	Switch all Workbench tests from PhantomJS to Selenium/Firefox		0
15455	Arvados	Story	New	Normal	Outputs of workflow runs get put into a default location other than the user's home project		0
15436	Arvados	Story	New	Normal	run-test.sh can run offline		0
15425	Arvados Workbench 2	Story	New	Normal	Add "search all versions" checkbox to Search UI		0
15397	Arvados	Story	New	Normal	Deprecate & remove human, specimens and traits tables		0
15382	Arvados	Story	New	Normal	Synthetic database generator tool		0
15381	Arvados	Story	New	Normal	run-tests.sh can populate/use local package cache directories		0
15372	Arvados	Story	New	Normal	Revise group permissions to separate them from permissions on managed objects		0
15364	Arvados	Story	New	Normal	Better CWL onboarding		0
15339	Arvados	Story	New	Normal	ExpressionTool can be explicitly run under a CR		0
15259	Arvados	Story	New	Normal	Invalidate tokens federation-wide on when invalidated on home cluster		0
15217	Arvados Workbench 2	Story	New	Normal	[Workbench 2] Add support for setting trashIntermediate value on workflows		0
15175	Arvados	Story	New	Normal	Upgrade jQuery to a supported version		0
15173	Arvados	Story	New	Normal	Integrate arvados-tools repository into curoverse repo		0
15105	Arvados	Story	New	Normal	[Spike] Evaluate alternatives for Composer functionality in Workbench2		0
15070	Arvados	Story	New	Normal	Update search API to support OR queries across text and vocabulary IDs		0
15015	Arvados	Story	New	Normal	replace epydoc		0
14997	Arvados	Story	New	Normal	[crunchstat-summary] Support multiple data series per graph (e.g. TX/RX, user/sys CPU, etc)		0
14996	Arvados	Story	New	Normal	Log crunch-run resource usage statistics		0
14952	Arvados	Story	New	Normal	[crunchstat-summary] Add arv-mount FUSE ops time		0
14923	Arvados	Story	New	Normal	[CWL] Reduce memory footprint by using webdav to get file/dir listings in collections (instead of Python SDK)		0
14467	Arvados	Story	New	Normal	[SDK] Merge Go ArvadosClient and arvados.Client and migrate to arvados.Client		0
14435	Arvados Workbench 2	Story	New	Normal	[Navigation] Investigation - Notification system		0
14374	Arvados	Story	New	Normal	Multi-site (federated) object search in controller		0
14214	Arvados Workbench 2	Story	In Progress	Normal	[Workbench] Show expand icons only for expandable tree nodes	Tom Morris	0
14067	Arvados	Story	New	Normal	Moving or Copying collections in workbench should have an input uuid field		0
14004	Arvados	Story	New	Normal	[Controller] Keep database in tune		0
14001	Arvados	Story	New	Normal	[Spike] [Controller] Port "update workflow" API to controller		0
13997	Arvados	Story	New	Normal	[Controller] Port "collection update" API from Rails		0

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13995	Arvados	Story	New	Normal	[Controller] Port "collection update" functional tests from Rails API to controller test suite		0
13925	Arvados	Story	New	Normal	Default keep cache scales with requested container size		0
13876	Arvados	Story	New	Normal	[CLI] arvados-server "status" subcommand		0
13875	Arvados	Story	New	Normal	[CLI] arvados-server "metrics" subcommand		0
13874	Arvados	Story	New	Normal	[CLI] arvados-server "health" subcommand		0
13832	Arvados Workbench 2	Story	Feedback	Normal	[Data operations] Make a copy (projects)		0
13794	Arvados	Story	New	Normal	Build Docker images without requiring Docker on client		0
13760	Arvados	Story	New	Normal	Provide more information to SLURM to make scheduling decisions on HPC		0
13639	Lightning	Story	New	Normal	Imputation and phasing flag in CGF data		0
13574	Arvados	Story	New	Normal	[Controller] Update container priorities asynchronously		0
13522	Arvados	Story	New	Normal	[keepproxy] document limiting maximum number of HTTP connections		0
13484	Arvados	Story	New	Normal	Support multiple load-balanced API server nodes	Ward Vandewege	0
13390	Arvados	Story	New	Normal	Document API in API discovery document		0
13384	Arvados	Story	New	Normal	[Workbench] Search users by email address and shell account		0
13327	Arvados	Story	New	Normal	Use new API container_request?include=container		0
13326	Arvados	Story	New	Normal	As a data provider, I would like the ability to provide metered access to my data on Arvados, including start/end dates, bandwidth caps, and % of file accessed		0
13325	Arvados	Story	New	Normal	As a CWL learner, I would like to be able to run CWL workflows easily on playground		0
13218	Arvados	Story	New	Normal	Support browsing of projects shared with me in WebDAV		0
13110	Arvados	Story	New	Normal	[WebDAV] WebDAV performance enhancements		0
13096	Arvados	Story	New	Normal	Investigate packrat to lock down R package dependencies	Peter Amstutz	0
13080	Arvados Epics	Story	New	Normal	Create/upload workflows through Workbench		0
13077	Arvados	Story	New	Normal	R SDK submit to Bioconductor		0
13048	Arvados	Story	New	Normal	Refactor crunch2 logging		0
13007	Arvados	Story	New	Normal	[API] Review Postgres index usage		0
12917	Arvados	Story	New	Normal	Users should be able to see if a container failed from the container_request method		0
12868	Arvados	Story	New	Normal	Rearrange packages so "arv" runs a Go program that shells out to Python/Ruby code only if needed		0
12666	Arvados	Story	New	Normal	--ignore-docker-for-reuse not passed to crunch v2 jobs started via --submit --no-wait		0
12571	Arvados	Story	New	Normal	arv-mount by_tag directory support for properties		0
12527	Arvados	Story	New	Normal	[Composer] Refactor to separate vendor-specific pieces and all them to be replaced	Peter Amstutz	0
12239	Arvados	Story	New	Normal	Allow templating of the collection sharing web page		0
12191	Arvados	Story	New	Normal	Support SLURM parameter passthrough from CWL jobs		0
12171	Lightning	Story	New	Normal	Create tests for 'tile-npy' programs		0

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12089	Arvados	Story	New	Normal	Javascript SDK		0
11983	Arvados	Story	New	Normal	On the collections page indicate expiring collections		0
11875	Arvados	Story	New	Normal	User accounts optionally have read-only access		0
11770	Arvados	Story	New	Normal	[Python SDK] Implement support for universal newline mode in Collections API		0
11746	Lightning	Story	New	Normal	Covnert hg19 to FastJ and CGF		0
11741	Arvados	Story	New	Normal	[Crunch2] Create workflow object for CWL runs which are initiated from the command line		0
11740	Arvados	Story	New	Normal	[Workbench] Support display & resetting of expiration dates for collections		0
11724	Arvados	Story	New	Normal	Pull Docker images without requiring Docker on client		0
11676	Lightning	Story	New	Normal	Tile library versioning specification and tool		0
11675	Lightning	Story	New	Normal	Convert Harvard PGP exome data to CGF		0
11674	Lightning	Story	New	Normal	Convert openSNP genotyping data to CGF		0
11673	Lightning	Story	New	Normal	Extend CGF to include genotyping		0
11558	Arvados	Story	New	Normal	[FUSE] Integration test using real programs with complex write patterns.		0
11524	Arvados	Story	New	Normal	Implement disk usage reporting for the administrator		0
11452	Arvados	Story	New	Normal	Support rendering of CWL description fields with embedded markup		0
11285	Arvados	Story	New	Normal	Update Pipeline Optimization wiki with CWL/Crunchv2		0
11251	Arvados	Story	New	Normal	[Tests] Make workbench integration tests finish faster (at least in Jenkins)		0
11171	Arvados	Story	New	Normal	[Nodemanager] Packaging for compute node setup scripts		0
11161	Arvados	Story	New	Normal	[GA4GH] Support task execution API using crunch v2 containers		0
11160	Arvados	Story	New	Normal	[GA4GH] Expose workflow records via tool registry API		0
11159	Arvados	Story	New	Normal	[GA4GH] Import from tool registry API		0
11147	Arvados	Story	New	Normal	Write scalability test which can be used periodically as needed		0
10849	Arvados	Story	New	Normal	[API] [SDKs] When client and server versions differ, the server must either implement the API the client expects, or return an error.		0
10405	Arvados	Story	New	Normal	[API] Remove unimplemented fields from api_client_authorization		0
10402	Arvados	Story	New	Normal	[CWL] Reduce redundant work with subworkflow RunInSingleContainer		0
10388	Arvados	Story	New	Normal	Request collections that don't (yet) exist via fuse interface		0
10387	Arvados	Story	New	Normal	Faster downloading using arv-get		0
10354	Arvados	Story	New	Normal	Add varchar_pattern_ops to all relevant PostgreSQL UUID indexes	Tom Morris	0
10344	Arvados	Story	New	Normal	[Workbench] Import CWL workflow		0
10245	Arvados	Story	New	Normal	[Performance][Workbench] Computing user notifications in topnav is expensive. Can the user's properties be used instead?		0
10242	Arvados	Story	New	Normal	[Performance] Fetching the pipeline instance qr1hi-d1hrv-jl9fvzy3x8sdj8v seems to take too long		0
10213	Arvados	Story	New	Normal	Efficient queries for notification menu items		0

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10145	Tapestry	Story	New	Normal	Provide link to project/collecion that datasets reside in that are public from users profile page		0
10104	Lightning	Story	New	Normal	Documentation current speed of concordance and other stats		0
10027	Arvados	Story	New	Normal	Move Container related documentation from wiki to code		0
9960	Arvados	Story	New	Normal	Automate starting/enabling services during Workbench and API package installation		0
9958	Arvados	Story	New	Normal	login-sync config file & systemd unit		0
9937	Arvados	Story	New	Normal	[Workbench] file upload should provide progress bar for overall upload, not just individual files	Tom Morris	0
9653	Arvados	Story	New	Normal	[keepstore] Limit entire process to configured amount or % of system memory (replace -max-buffers=X)		0
9592	Arvados	Story	New	Normal	[FUSE] rmdir on CollectionDirectory sets expires_at	Tom Morris	0
9591	Arvados	Story	New	Normal	[FUSE] Undelete collections by moving them out of the TrashDirectory	Tom Morris	0
9590	Arvados	Story	New	Normal	[FUSE] Trash directory to list, inspect, and un-trash trashed collections	Tom Morris	0
9584	Arvados	Story	New	Normal	[FUSE] Don't display expiring collections in regular collection listings	Tom Morris	0
9441	Arvados	Story	New	Normal	[Workbench] Improve user page group memberships management [to be groomed]	Tom Morris	0
9428	Arvados	Story	New	Normal	[SDKs] Port arv-keepdocker to use the docker-py library		0
9425	Arvados	Story	New	Normal	[API?/Workbench] Search for a link tag value returns linked objects		0
9263	Arvados	Story	New	Normal	[SDK] Go version of arv-put & arv-get		0
9217	Arvados	Story	New	Normal	[SDKs] Define and document Python events interface		0
9150	Arvados	Story	New	Normal	[API] Synthetic collections include the "kind" field		0
9148	Arvados	Story	New	Normal	[API] Finalize and document the collections/provenance and collections/used_by API calls		0
9147	Arvados	Story	New	Normal	[SDKs] `arv keep docker` can make links for an image already in a collection		0
9053	Arvados Epics	Story	New	Normal	Port API server to Go		0
9046	Arvados	Story	New	Normal	[Crunch2] Can issue container request to pull and import Docker images		0
9045	Arvados	Story	New	Normal	[SDKs] `arv keep docker` can upload an image already saved as .tar		0
9044	Arvados	Story	New	Normal	[Crunch2] [Workbench] Browse and show tools using the GA4GH tool registry API	Radhika Chippada	0
8885	Arvados	Story	New	Normal	[PySDK] API client logs a warning when you create an object without an owner_uuid		0
8838	Arvados	Story	New	Normal	[SDKs] PySDK Collection class lets you iterate files and subcollections separately		0
8781	Arvados	Story	New	Normal	[Docs/Workbench] Document how to clone repositories over HTTPS		0
8780	Arvados	Story	New	Normal	[SDKs] Git credentials helper in CLI tools		0
8778	Arvados	Story	New	Normal	[Docs] Document Git 1.7.10+ dependency for shell node and HTTPS Git cloning		0
8775	Arvados	Story	New	Normal	[Docs/Workbench] Improve SSH agent documentation		0
8774	Arvados	Story	New	Normal	[Crunch] Limit maximum wait time between retries		0
8672	Arvados	Story	New	Normal	[CWL] arvados-cwl-runner creates new project for pipeline run		0
8573	Arvados	Story	New	Normal	crunchstat-summary should calculate averages of all metrics		0



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8566	Arvados	Story	New	Normal	[API] Go code to implement the Arvados API permissions model		0
8562	Arvados	Story	New	Normal	[Workbench] Project listings act like file manager directory trees, with expanding+collapsing trees		0
8560	Arvados	Story	New	Normal	[Workbench] Ability to create a new project when creating a new pipeline instance		0
8539	Arvados	Story	New	Normal	[SDKs/FUSE] Better retry defaults		0
8331	Arvados	Story	New	Normal	[Documentation] Clarify PostgreSQL setup commands for Software Collections users		0
8328	Arvados	Story	New	Normal	[Deployment] .yaml.example files should be consistent		0
8313	Arvados	Story	New	Normal	[SDK] arv-copy better Git repository error reporting		0
8181	Arvados	Story	New	Normal	[Keepstore] Support a portable data challenge API		0
8179	Arvados	Story	New	Normal	[keep-balance] Refuse to act when planning to delete data above an admin-specified threshold		0
8091	Arvados	Story	New	Normal	[Workbench] Show all known runtime_constraints in job status pane		0
8058	Arvados	Story	New	Normal	[Documentation] Add Gitolite sanity check to install guide		0
8022	Arvados	Story	New	Normal	[SDKs] CLI tools install tab completion aids		0
7930	Arvados	Story	New	Normal	[SDKs] GoSDK KeepClient considers volume IDs when replicating		0
7831	Arvados	Story	New	Normal	[FUSE] Add --umask, --fmask, --dmask options to control file permissions		0
7830	Arvados	Story	New	Normal	[Workbench] User admin interface should show which VM(s) the user can login to		0
7621	Arvados	Story	New	Normal	[API] Job model validates that the script exists in the repository at script_version		0
7477	Arvados	Story	New	Normal	[SDKs] Go Keep client enforces a minimum transfer rate for proxy connections		0
7476	Arvados	Story	New	Normal	[SDKs] Ensure `arv keep put` replicates properly		0
7474	Arvados	Story	New	Normal	[FUSE] Add a --replication switch		0
7473	Arvados	Story	New	Normal	[FUSE] [SDKs] Ensure FUSE and other SDK clients work with a default replication level != 2		0
7472	Arvados	Story	New	Normal	[SDKs] Provide a CLI tool to remove files from a collection		0
7471	Arvados	Story	New	Normal	[SDKs] Provide a CLI tool to add files to an existing collection		0
7470	Arvados	Story	New	Normal	[Workbench] Provide an interface to delete files from collections		0
7469	Arvados	Story	New	Normal	[Workbench] Provide an interface for the sysadmin to set Dashboard banner content		0
7468	Arvados	Story	New	Normal	[Workbench] Displays content at the top of the dashboard, set by the sysadmin		0
7439	Arvados	Story	New	Normal	[SDKs] CLI tools support Mac		0
7394	Arvados	Story	New	Normal	[SDKs] arv-copy copies all metadata associated with an object		0
7300	Lightning	Story	New	Normal	Annotate Tiling 1.0 public library		0
7267	Lightning	Story	New	Normal	Implement annotation on Tile Library		0
7134	Tapestry	Story	New	Normal	Set up sandbox development environment with a dummy keep server and some real data		0
6783	Arvados	Story	New	Normal	[Performance] Compare Collection performance benchmarks across components		0
6647	Arvados	Story	New	Normal	Choose an option to make better service discoveries in deployments		0
6642	Arvados	Story	New	Normal	[API] Include a mechanism to automatically trust some clients		0

#	Project	Tracker	Status	Priority	Subject	Assigned To	% Done
6570	Arvados	Story	New	Normal	[DRAFT] [Workbench] More encouragement for users to send feedback		0
6405	Arvados	Story	New	Normal	[Workbench] Allow additional curation of the public projects listing		0
6387	Arvados	Story	New	Normal	[SDKs] arv-put progress meter scales based on file size, rather than being fixed to MiB		0
6307	Arvados	Story	New	Normal	[Workbench] Public project listing should exclude subprojects		0
6058	Arvados	Story	New	Normal	[Workbench] Provide a guided workflow to new users who want to upload data and run a public pipeline		0
5914	Arvados	Story	New	Normal	[DRAFT] Provide one clear way for users to get data from an external source into Arvados		0
5865	Arvados	Story	New	Normal	[Crunch] Run a local job using a docker image directly from the shell VM (without writing the docker image to Keep)		0
5788	Arvados	Story	New	Normal	[SDKs] [refactor] Dry up KeepService get() and put() in arvados/keep.py		0
5781	Arvados	Story	In Progress	Normal	[API] [DRAFT] Provide API methods for manipulating and combining collections		0
5624	Arvados	Story	New	Normal	[API] [Workbench] [Performance] Use object caching to improvement performance (such as memcache).		0
5621	Arvados	Story	New	Normal	[Documentation] Improve SDK documentation		0
5468	Arvados	Story	New	Normal	[SDKs] Refactor arv-get/put/copy into the Python "arv" wrapper using common exception-handling and argument parsing		0
5428	Arvados	Story	New	Normal	[Tests] Enhance keep testing to support signed locators.		0
5371	Lightning	Story	New	Normal	Specify GA4GH API Implementation with Lightning		0
5335	Lightning	Story	New	Normal	[API] [Documentation] Specify how to find the variants in a gene		0
5334	Lightning	Story	New	Normal	[API] Implement GET /callsets/{callset-name}/gvcf API call		0
5332	Lightning	Story	New	Normal	[Documentation] [Sprite] [API] Specify API Calls and Database for phenotypes in Sprite		0
5331	Lightning	Story	New	Normal	[API] Implement filtering on API calls		0
5330	Lightning	Story	New	Normal	[Documentation] Specify batch API-like queries		0
5329	Lightning	Story	New	Normal	[API] Implement GET /callsets/{callset-name}/tile-variants		0
5094	Arvados	Story	New	Normal	[Workbench] Make pipeline rerun UI more like jobs'		0
5007	Arvados	Story	New	Normal	[Workbench] Pilot material design theme		0
4919	Arvados	Story	New	Normal	[API] Arvados clients can use standard OAuth2 protocol instead of custom token handling mechanism		0
4833	Arvados	Story	New	Normal	[Crunch] Quick turnaround time when updating a docker image in order to re-run a job		0
4827	Lightning	Story	New	Normal	Automatic Deployment Implementation	Abram Connelly	0
4744	Arvados	Story	New	Normal	[Workbench] Merge "user agreement" and "required profile fields" into a single page		0
4566	Arvados	Story	New	Normal	[Documentation] Introduce compute workflow / pipeline concepts in user guide		0
4350	Arvados	Story	New	Normal	[Workbench] Order by Collections "Name" column puts "folders" (collections containing files) at the top		0
4255	Arvados	Story	New	Normal	[SDKs] Implement "arv keep less" and "arv keep check" natively instead of hoping whless and whcheck are installed.		0

#	Project	Tracker	Status	Priority	Subject	Assigned To	% Done
4237	Arvados	Story	New	Normal	[Documentation] Update and expand user/tutorials/tutorial-keep-mount.html to show practical ways of finding data via FUSE mount.		0
4128	Arvados	Story	New	Normal	[Workbench] [refactor] JavaScript refactoring		0
3897	Arvados	Story	New	Normal	[SDKs] Clients can specify which auth config file to load.		0
3640	Arvados	Story	New	Normal	[SDKs] Add runtime option to SDKs (esp Python and arv-mount) to use a filesystem directory block cache as an alternative to RAM cache.		0
3519	Arvados	Story	New	Normal	Move permission links to their own table in API server.		0
3491	Arvados	Story	New	Normal	[Keep] Support transparent compression of blocks in Keep		0
3473	Arvados	Story	New	Normal	Ability to mark one's own projects as read-only to avoid changing it by accident.		0
3365	Arvados	Story	New	Normal	[SDK] Show the Workbench URI for the job when running a job or pipeline from the command line		0
3304	Arvados	Story	New	Normal	[Workbench] Add checkboxes to multi-type chooser modal to filter by object type	Tom Clegg	0
3298	Arvados	Story	New	Normal	[Workbench] Rearrange collection chooser to show a preview (file list) inline instead of in a separate preview pane. See [[Workbench UI images]]		0
3199	Arvados	Story	New	Normal	[SDK] Keep clients (e.g., arv-put and crunch-job) ask API to refresh blob signatures if expiry times are sooner than ETA of collection.create		0
3180	Arvados	Story	New	Normal	[Crunch] When a job fails in a pipeline instance, should the other queued/running jobs get cancelled automatically?		0
3093	Arvados	Story	New	Normal	[Crunch] Pipeline can use other pipelines templates as components		0
2679	Arvados	Story	New	Normal	[API] If enabled by user via "preferences" checkbox in Workbench, notification service sends email to owner when a workflow finishes, fails, or is failing		0
2552	Tapestry	Story	New	Normal	Configurable mini-consent form and validations	Phil Hodgson	0
2544	Tapestry	Story	New	Normal	The "site override" feature is tested	Phil Hodgson	0
2850	Tapestry	Story	New	Normal	Comprehensive "Sectioning" of Tapestry	Phil Hodgson	33
17344	Arvados	Story	In Progress	Normal	[boot] Make arvados-server-easy package suitable for demo use case	Tom Clegg	100
12308	Arvados	Story	In Progress	Normal	[FUSE] Golang-based fuse driver	Tom Clegg	100
9278	Arvados	Story	In Progress	Normal	[Crunch2] Document/fix handling of collections with non-nil expires_at field		100
6257	Tapestry	Story	In Progress	Normal	Add public facing database dump, cron job and Arvados upload	Abram Connelly	100
5001	Lightning	Story	New	Normal	Create a API interface to the public tile library including a "beacon"	Abram Connelly	100
4995	Lightning	Story	New	Normal	Package lightning specifically for users		100
19358	Arvados	Task	New	Normal	28. Add the release to zenodo.org		0
19356	Arvados	Task	In Progress	Normal	26. Send out release announcements	Peter Amstutz	0
19355	Arvados	Task	In Progress	Normal	25. Merge release notes (step 7) from "develop" to "main" on arvados.org	Peter Amstutz	0
19325	Arvados	Task	New	Normal	Review	Lucas Di Pentima	0
19323	Arvados	Task	New	Normal	Review	Lucas Di Pentima	0

#	Project	Tracker	Status	Priority	Subject	Assigned To	% Done
19318	Arvados	Task	New	Normal	Review	Peter Amstutz	0
19289	Arvados	Task	In Progress	Normal	Review 18205-container-cost	Tom Clegg	0
19288	Arvados	Task	New	Normal	Review	Lucas Di Pentima	0
19243	Arvados	Task	New	Normal	Review		0
19242	Arvados	Task	New	Normal	Engineering discussion about desired solution		0
19233	Arvados	Task	New	Normal	Update salt install docs	Peter Amstutz	0
19209	Arvados	Task	New	Normal	Review	Tom Clegg	0
19191	Arvados	Task	New	Normal	Review	Tom Clegg	0
19188	Arvados	Task	New	Normal	Review	Peter Amstutz	0
19174	Arvados	Task	New	Normal	Review tests branch	Lucas Di Pentima	0
19173	Arvados	Task	New	Normal	Review rake task branch	Lucas Di Pentima	0
19163	Arvados	Task	New	Normal	Write rake task	Peter Amstutz	0
19162	Arvados	Task	New	Normal	Add tests	Peter Amstutz	0
19160	Arvados	Task	New	Normal	Review	Peter Amstutz	0
19121	Arvados	Task	New	Normal	Review	Peter Amstutz	0
19117	Arvados	Task	New	Normal	Review	Stephen Smith	0
19089	Arvados Epics	Task	New	Normal	Cross-federation filter groups		0
19068	Arvados	Task	New	Normal	Review	Lucas Di Pentima	0
19066	Arvados	Task	New	Normal	Review	Lucas Di Pentima	0
19064	Arvados	Task	New	Normal	Review	Stephen Smith	0
19005	Arvados	Task	New	Normal	Review	Peter Amstutz	0
19002	Arvados	Task	In Progress	Normal	Review 16073-process-io-panels	Stephen Smith	0
18951	Arvados	Task	New	Normal	Review		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
18817	Arvados	Task	New	Normal	review	Peter Amstutz	0
18815	Arvados	Task	New	Normal	Review	Peter Amstutz	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

#	Project	Tracker	Status	Priority	Subject	Assigned To	% Done
18669	Arvados	Task	New	Normal	review 18668-add-project-support-to-deduplication-report		0
18650	Arvados	Task	New	Normal	Design API for helper methods for working with vocabularies	Peter Amstutz	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
18512	Arvados	Task	In Progress	Normal	Review 18488-nonblocking-advisory-lock	Tom Clegg	0
18291	Arvados	Task	In Progress	Normal	Review 18287-external-url-defaults	Tom Clegg	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
18041	Arvados	Task	New	Normal	Review	Peter Amstutz	0
17991	Arvados	Task	In Progress	Normal	Review #17990 arvados-formula:commit:1ad296f, branch 17990-add-rvm-to-ubuntu1804	Ward Vandewege	0
17950	Arvados	Task	New	Normal	review 17949-add-bullseye		0
17931	Arvados	Task	New	Normal	Review	Lucas Di Pentima	0
17919	Arvados	Task	New	Normal	investigate	Peter Amstutz	0
17910	Arvados	Task	New	Normal	investigate	Peter Amstutz	0
17909	Arvados	Task	New	Normal	investigate	Peter Amstutz	0
17876	Arvados	Task	New	Normal	Review	Ward Vandewege	0
17875	Arvados	Task	New	Normal	Review	Peter Amstutz	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
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

#	Project	Tracker	Status	Priority	Subject	Assigned To	% Done
17554	Arvados	Task	New	Normal	Review		0
17536	Arvados	Task	New	Normal	Review	Peter Amstutz	0
17519	Arvados Workbench 2	Task	New	Normal	Update workbench1's link from the "Current token" dialog to take the user directly to wb2's "Get API token" dialog.		0
17502	Arvados	Task	In Progress	Normal	need help finding docker contain to run correct java version for PharmCAT	Ward Vandewege	0
17483	Arvados	Task	New	Normal	Review		0
17477	Arvados	Task	New	Normal	document arv-bash		0
17459	Arvados	Task	New	Normal	Review	Peter Amstutz	0
17456	Arvados	Task	New	Normal	Review	Peter Amstutz	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
17368	Arvados	Task	Feedback	Normal	10. Deploy RC to su92l	Peter Amstutz	0
17326	Arvados	Task	New	Normal	Review	Lucas Di Pentima	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
17181	Arvados	Task	New	Normal	Talk to Michael		0
17089	Arvados	Task	New	Normal	Review	Lucas Di Pentima	0
16964	Arvados	Task	New	Normal	Review	Peter Amstutz	0
16881	Arvados	Task	New	Normal	Review	Peter Amstutz	0
16879	Arvados	Task	New	Normal	Review	Peter Amstutz	0
16816	Arvados	Task	New	Normal	Review		0
16768	Arvados	Task	New	Normal	Review	Peter Amstutz	0
16764	Arvados	Task	New	Normal	Review	Tom Clegg	0
16610	Arvados	Task	New	Normal	Review		0
16546	Arvados	Task	New	Normal	Review	Tom Clegg	0
16537	Arvados	Task	New	Normal	Review	Peter Amstutz	0
16501	Arvados	Task	Feedback	Normal	9. Run bam-to-vcf pipeline on playground	Sarah Zaranek	0
16489	Arvados	Task	New	Normal	Review 16439-objects-creation-placement-fix-tests		0
16414	Arvados	Task	New	Normal	Review	Peter Amstutz	0

#	Project	Tracker	Status	Priority	Subject	Assigned To	% Done
16355	Arvados	Task	New	Normal	Review	Peter Amstutz	0
16354	Arvados	Task	New	Normal	Review		0
16322	Arvados	Task	In Progress	Normal	Review 16048-reload-config	Tom Clegg	0
16301	Arvados Workbench 2	Task	New	Normal	Grooming		0
16271	Arvados	Task	New	Normal	Review	Peter Amstutz	0
16206	Arvados	Task	In Progress	Normal	Review 16168-process-container-request-properties		0
16158	Arvados	Task	New	Normal	Review 16156-adc-metrics		0
16096	Arvados	Task	New	Normal	Review		0
15912	Arvados	Task	New	Normal	Review	Tom Clegg	0
15811	Arvados	Task	In Progress	Normal	Review 15573-deprecate-atat-filter	Tom Morris	0
15802	Arvados	Task	New	Normal	Review		0
15753	Arvados	Task	In Progress	Normal	Review 15660-aws-spot-doc	Peter Amstutz	0
15731	Arvados	Task	New	Normal	[Workbench] Remove legacy group mechanism		0
15666	Arvados	Task	New	Normal	Review	Peter Amstutz	0
15604	Arvados	Task	New	Normal	Investigate implications changing ownership/permission model for containers & outputs		0
15553	Arvados	Task	New	Normal	Review	Peter Amstutz	0
15550	Arvados	Task	New	Normal	Review	Eric Biagiotti	0
15539	Arvados	Task	New	Normal	Update Keep Filesystem driver doc to discourage Serialize: True		0
15505	Arvados	Task	New	Normal	Review	Tom Clegg	0
15459	Arvados	Task	In Progress	Normal	Review 15003-real-configs-flagged-unknown	Tom Clegg	0
15392	Arvados	Task	New	Normal	Review		0
15303	Arvados	Task	New	Normal	Review documentation for Arvados VM SSH access on Windows		0
15263	Arvados	Task	In Progress	Normal	Review 14931-custom-tags	Peter Amstutz	0
15065	Arvados	Task	New	Normal	[Spike] Evaluate alternatives for Python docs		0
14978	Arvados	Task	New	Normal	Review		0
14954	Arvados	Task	New	Normal	Review	Peter Amstutz	0
14953	Arvados	Task	New	Normal	Review	Lucas Di Pentima	0
14949	Arvados	Task	New	Normal	Ops deploy multi-API server configuration on test cluster		0
14948	Arvados	Task	In Progress	Normal	Update install docs	Peter Amstutz	0
14621	Arvados Workbench 2	Task	New	Normal	[UI Improvements] Order of action inside modals		0
14620	Arvados Workbench 2	Task	New	Normal	[UI Improvements] Unify the color of the snackbars		0
14619	Arvados Workbench 2	Task	New	Normal	[UI Improvements] Spacing between button and the advanced modal edges		0

#	Project	Tracker	Status	Priority	Subject	Assigned To	% Done
14618	Arvados Workbench 2	Task	New	Normal	[UI Improvements] Favorites star near to title		0
14588	Arvados	Task	New	Normal	Review 14584-container-reuse-perm		0
14190	Arvados Workbench 2	Task	New	Normal	Workbench content loading screen		0
14189	Arvados Workbench 2	Task	New	Normal	Workbench loading screen		0
14188	Arvados Workbench 2	Task	New	Normal	Progress indicator higher order component		0
14186	Arvados Workbench 2	Task	In Progress	Normal	Progress indicator store		0
13944	Arvados Workbench 2	Task	New	Normal	[Test] prepare test scripts		0
13848	Arvados	Task	In Progress	Normal	Monitor dependencies for release of update		0
13355	Arvados	Task	New	Normal	Review	Tom Clegg	0
13354	Arvados	Task	New	Normal	Review		0
13290	Arvados	Task	New	Normal	Review		0
13289	Arvados	Task	New	Normal	Investigate	Peter Amstutz	0
12609	Arvados	Task	New	Normal	Diagnose	Peter Amstutz	0
12588	Arvados	Task	In Progress	Normal	Review	Peter Amstutz	0
12067	Arvados	Task	New	Normal	Instrumentation	Peter Amstutz	0
11571	Arvados	Task	New	Normal	Review	Tom Clegg	0
11392	Arvados	Task	New	Normal	Review	Bryan Cosca	0
11115	Arvados	Task	New	Normal	Review		0
10740	Arvados	Task	In Progress	Normal	Review 10705-state-transition-error	Radhika Chippada	0
10073	Arvados	Task	New	Normal	Transition plan	Tom Clegg	0
10066	Arvados	Task	New	Normal	Review		0
10046	Arvados	Task	New	Normal	rails systemd unit or nginx config	Tom Clegg	0
9663	Arvados	Task	New	Normal	Update Technical Architecture diagram and related docs		0
9158	Arvados	Task	New	Normal	Skip expensive setup/teardown, too	Tom Clegg	0
9103	Arvados	Task	In Progress	Normal	Skip collection performance tests in Python SDK suite	Tom Clegg	0
9026	Tapestry	Task	New	Normal	Retrieve coverage metadata from get-evidence jobs	Tom Clegg	0
8796	Tapestry	Task	New	Normal	Poll arvados for finished pipelines, resolve/reject relevant ArvadosJob	Tom Clegg	0
8794	Tapestry	Task	New	Normal	Notify user that transfer has been initiated	Tom Clegg	0
8719	Arvados	Task	In Progress	Normal	Review PR #40	Joshua Randall	0
8462	Arvados	Task	In Progress	Normal	Review 8388-events-terminate	Peter Amstutz	0
8126	Arvados	Task	New	Normal	Review	Tom Clegg	0
7749	Arvados	Task	New	Normal	Draw UI Implementation	Bryan Cosca	0



#	Project	Tracker	Status	Priority	Subject	Assigned To	% Done
7577	Arvados	Task	New	Normal	arvados-jobs-java-bwa-samtools docker image python sdk is out of date		0
7571	Arvados	Task	New	Normal	Pipeline runner hangs after finishing the last job in webshell		0
7570	Arvados	Task	New	Normal	[SDKs] a-r-p-i should write to stdout directly, rather than opening /dev/stdout		0
7563	Arvados	Task	New	Normal	[Workbench] Add IdentityFile to suggested SSH client configuration		0
7499	Arvados	Task	New	Normal	[Workbench] Getting Started popup should link to Workbench's own public project listing		0
7408	Arvados	Task	New	Normal	Review		0
6925	Tapestry	Task	New	Normal	Review 6924-survey-field-id	Ward Vandewege	0
6915	Tapestry	Task	New	Normal	review 6914-prepopulate-twin-recontact-fields-when-reconsenting	Tom Clegg	0
6631	Arvados	Task	In Progress	Normal	Review 6611-send-pull-list		0

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