

Documentation tasks

NDSC6

Document	Priority	Notes	Assignee	Reviewer	Status	Related Link(s)
Official NDS Domain	High					☒ NDS-156 - Official site changes CLOSED
		Footer: Move Github so that it's the first link under "NDS Project Resources"	PR/Kandace			
		What should NDS Provide: Broken link to NDS Services Diagram (behind protected area in Wiki?)	PR/Kandace			
		Pilot projects: Add descriptions for: SBGrid, NIST (materials registry/curation), Pragma projects.	PR/Kandace			
		Get Involved - Remove Trello link - Move Github to first position	PR/Kandace			
		Labs: Implement edits from Revised NDS Labs Content	PR/Kandace			
		Pilot application If we are going to maintain both the Workbench registration and pilot application, we'll need to update the pilot application. - Distinguish from Workbench - Remove labsportal link.	PR/Kandace			
		Open questions/Undecided "Get Involved" and top menu contain links to page to subscribe to mailing list – including discuss. We need to decide whether "discuss" will continue to be used. - News is really out of date - Do you have to have an approved pilot to access the Workbench? (Open question for TAC/Steering committee) - Pilots need to use Workbench to come up with the pilot idea - Workbench is one of the many services offered by NDS Labs 2 cases: explore (pre-pilot test drive), develop (pilot) - Pre-pilot = NDSC member, RDA member? - We need NDSC developers that are not pilot members to have access to contribute tools - Pilots need more resources (e.g., PRAGMA) – outgrow Workbench - Workbench has two services: test drive and developer				
Labs Portal	High	Redirect labsportal requests to http://www.nationaldatascience.org/projects/labs.htm	Craig		Done	☒ NDS-327 - Update labsportal for NDS Labs Beta RESOLVED
		Move to Wiki or revise as needed http://labsportal.nationaldatascience.org/accessing-ndelabs/	Kenton		Done	
		Remove all other content/decommission site	Craig		Done	
NCSA Opensource Confluence	High	The NCSA Opensource confluence will be used primarily for development, project management, and in-progress documentation going forward.				https://opensource.ncsa.illinois.edu/confluence/
		Identify and remove duplicate content				See Confluence audit below
		Add a note pointing to official NDS Confluence documentation	Craig			

		Open questions Q. Should this be migrated to hosted Confluence (e.g., JIRA) - Consider securing NDS space within NCSA Confluence - use this for internal notes				
NDS Confluence	High	- Review public documentation - Fill out more details on template stubs				https://nationaldataservice.atlassian.net/wiki/
NCSA Confluence		Archive or add note that this is historic https://wiki.ncsa.illinois.edu/display/NDS/National+Data+Service+Home	Craig		Done	Added note on front page
YouTube Channel	High	- Update descriptions - Ensure that videos make sense				https://www.youtube.com/channel/UCWuPo7LDCzsqF3RaKzIQmHw
Google Group	High	- Add links to new documentation - Revisit description - Add an FAQ?	Craig	Mike	Ready for review	https://groups.google.com/forum/#!forum/ndslabs
Tutorial repo with examples	High	- Update with new examples? - Make sure old ones still work	Mike	Craig		https://github.com/nds-org/developer-tutorial
FAQ	High	Add contents to the FAQ	Craig			https://nationaldataservice.atlassian.net/wiki/display/NDSC/Frequently+Asked+Questions
User Guide	High	Review	Craig	Mike	Ready for Review	https://nationaldataservice.atlassian.net/wiki/display/NDSC/User%27s+Guide - Using Docker Images - Adding NDSLabs Services (this is an old draft) https://github.com/docker-library/official-images
Developer Guide	High	- Finish filling out Developer Guide - Needs more about authoring dockerfiles / builds / etc	Craig +Mike			https://nationaldataservice.atlassian.net/wiki/display/NDSC/Developer%27s+Guide - Building Custom Docker Images https://github.com/nds-org/developer-tutorial https://docs.docker.com/engine/userguide/eng-image/dockerfile_best-practices/
Docker Hub	Medium	Review Automated Builds (see audit table below)	See below	See below	See below	https://hub.docker.com/search/?isAutomated=1&isOfficial=0&page=1&pullCount=0&q=ndslabs&starCount=0

GitHub	Medium	- Review READMEs (see audit table below) - Delete unnecessary repos - k8s-ingress - kubernetes - contrib? - invenio - data-provider - glopy - scidrive - Flatten out Service repos - Remove k8 specs - Move Dockerfiles to root - Clean-up Clowder	See below	See below	See below	☒ NDS-512 - Update repository README.md files RESOLVED https://github.com/nds-org/ndslabs https://github.com/nds-org/ndslabs-specs https://github.com/nds-org/ndslabs-devenvs https://github.com/nds-org/ndslabs-deploy-tools https://github.com/nds-org/gluster - Individual Services: https://github.com/nds-org/ndslabs-dataverse https://github.com/nds-org/ndslabs-irods https://github.com/nds-org/logspout https://github.com/nds-org/ndslabs-dspace https://github.com/nds-org/ndslabs-chisel https://github.com/nds-org/ndslabs-dind https://github.com/nds-org/ndslabs-jenkins - etc
BitBucket	Medium	- Craig to add readme with link to github - Unable to actually add readme, but changed project URL	Craig	Mike	To be reviewed	https://bitbucket.org/nds-org/ Unable to actually add readme, but changed project URL.
Other Wikis?	Low	Archive				https://wiki.ncsa.illinois.edu/display/NDS/National+Data+Service+Home
Architecture Docs	Low	Make sure these reflect reality				https://github.com/nds-org/ndslabs/tree/master/docs

Confluence audit

Page	Owner/Creator	Notes
NDS Labs	Kenton	Archive given new content? https://nationaldataservice.atlassian.net/wiki/display/NDSC/NDS+Labs Kenton: Lets keep this as this is the dev wiki for planning and documenting activities specific to Labs. Perhaps should add a note making this clear. Most of the work here may be in better organizing NDS Labs Design Documentation where most of the material is at.
NDS Labs Overview	Kenton	Archive? Moved under NDS Labs Design Documentation
NDS Labs Architecture	David	Out of date, needs to be updated and should be moved to official Wiki
NDS Labs API	Craig	Out of date, should be archived and a link to the actual API documentation included on official Wiki
NDS Labs Web Interface	Kenton	Out of date, should be archived Kenton: Moved under NDS Labs Design Documentation
NDS Labs Examples	Kenton	Out of date, should be archived Kenton: Moved under NDS Labs Design Documentation
NDS Labs Service Specification	Craig	Out of date, should be archived, already links to ndslabs-specs repo.

NDS Labs Test Cases	Craig	Maybe archive? If already included in Mike's test plans
NDS Labs Design Documentation	All	Keep, still valid. Could be reorganized.
Developer Workflows	Mike	Keep, still valid.
Glossary	Mike	?
Pilot architectures	Craig	TBD. Possibly move to official Wiki. Or maybe this is just useful for me
Towards Developer and Development Groups	David	Mockups for developer support, should be archived or moved to design Kenton: Moved under NDS Labs Design Documentation
Concepts for Developer Support	David	Mockups for developer support, looks like duplicate Kenton: Moved under NDS Labs Design Documentation
Beta Release	Craig	Beta release features, can be archived since this already exists on official Wiki
NDS Share	Kenton	Keep

Repositories and automated builds audit

Git Repo	Docker repo	Dockerhub Build type	Readme	Owner	Reviewer	Status	Notes/What is it used for?.
angular-terminal-test		NA		Mike			
core		NA		Mike			Fork of Cloud9 core
data-provider-interface		NA					Legacy - can be deleted
developer-tutorial	https://hub.docker.com/r/ndslabs/cowsay-php/	manual					
	https://hub.docker.com/r/ndslabs/cloud9/	manual					
	https://hub.docker.com/r/ndslabs/cowsay/	manual					
geospatial-search-demo		NA					Legacy - can be deleted
glopy		NA		David?			Fork of Python Globus toolkit
gluster	https://hub.docker.com/r/ndslabs/gluster/	auto	revisit	David			System component. Readme seems out of date.
invenio	https://hub.docker.com/r/ndslabs/invenio/	auto		Craig			Incomplete service should be noted in readme
k8-labels		NA		Mike			Do we still need this?
k8s-ingress-nginx		NA		Craig			Do we still need this?
kubernetes	https://hub.docker.com/r/ndslabs/hyperkube/ https://hub.docker.com/r/ndslabs/kube-controller-manager-amd64/ https://hub.docker.com/r/ndslabs/kube-scheduler-amd64/ https://hub.docker.com/r/ndslabs/hyperkube-amd64/ https://hub.docker.com/r/ndslabs/kube-apiserver-amd64/ https://hub.docker.com/r/ndslabs/kube-proxy-amd64/ https://hub.docker.com/r/ndslabs/kube-proxy-arm/	Manual		David			Do we still need these?
logspout	https://hub.docker.com/r/ndslabs/logspout/	auto	fork	Craig			Used in Labs Workbench
nagios-config		NA	revisit	Craig			Current Nagios configuration repo. Readme is incomplete.
nds-labs-legacy		NA					Legacy noted in description

ndslabs	https://hub.docker.com/r/ndslabs/angular-ui/	auto		Mike		
	https://hub.docker.com/r/ndslabs/apiserver/	auto	revisit	Craig		Used in Labs Workbench. Readme is out of date
	https://hub.docker.com/r/ndslabs/ndslabs-gui/	manual		Mike		Retained for 1.0.0 compatibility
ndslabs-all-sources		NA		David		Do we really need this? Does anyone use it?
ndslabs-chisel	https://hub.docker.com/r/ndslabs/chisel/	auto	ok	Craig		Used in Labs Workbench
ndslabs-clowder	https://hub.docker.com/r/ndslabs/clowder/ https://hub.docker.com/r/ndslabs/audio-preview/ https://hub.docker.com/r/ndslabs/image-metadata/ https://hub.docker.com/r/ndslabs/pdf-preview/ https://hub.docker.com/r/ndslabs/speech2text/ https://hub.docker.com/r/ndslabs/image-preview/ https://hub.docker.com/r/ndslabs/video-preview/ https://hub.docker.com/r/ndslabs/plantcv/ https://hub.docker.com/r/ndslabs/image-extractor-base/			Mike		
ndslabs-dataverse	https://hub.docker.com/r/ndslabs/dataverse/	auto	revisit	Craig		All components share a single readme, which is out of date (mentions of Kubernetes?)
	https://hub.docker.com/r/ndslabs/dataverse-icat/	auto		Craig		
	https://hub.docker.com/r/ndslabs/dataverse-rserve/	auto		Craig		
	https://hub.docker.com/r/ndslabs/solr/	auto		Craig		Should be dataverse-solr
	https://hub.docker.com/r/ndslabs/tworavens/	auto		Craig		
ndslabs-deploy-tools	https://hub.docker.com/r/ndslabs/deploy-tools/	auto		David		
ndslabs-developer-shell	https://hub.docker.com/r/ndslabs/ndsdev/	manual		David		
ndslabs-devenvs	https://hub.docker.com/r/ndslabs/cloud9-base/	auto	no	Mike		The devenvs readme is a stub
	https://hub.docker.com/r/ndslabs/cloud9-cpp/	auto	no	Mike		
	https://hub.docker.com/r/ndslabs/cloud9-go/	auto	no	Craig		
	https://hub.docker.com/r/ndslabs/cloud9-java/	auto	no	Mike		
	https://hub.docker.com/r/ndslabs/cloud9-nodejs/	auto	no	Mike		
	https://hub.docker.com/r/ndslabs/cloud9-php/	auto	no	Craig		
	https://hub.docker.com/r/ndslabs/novnc-base/	auto	no	Craig		
	https://hub.docker.com/r/ndslabs/pycharm-clowder-novnc/	auto	clowder	Craig		
	https://hub.docker.com/r/ndslabs/pycharm-clowder-xpra/	auto	clowder	Craig		
	https://hub.docker.com/r/ndslabs/pycharm-novnc/	auto	no	Craig		
	https://hub.docker.com/r/ndslabs/pycharm-xpra/	auto	no	Craig		
	https://hub.docker.com/r/ndslabs/xpra-base/	ato	no	Craig		
ndslabs-dind	https://hub.docker.com/r/ndslabs/dind/	auto	basic	Craig		
ndslabs-dspace	https://hub.docker.com/r/ndslabs/dspace/	auto	no?	Craig		Dockerhub didn't pick up the github readme?
ndslabs-fedora-commons	https://hub.docker.com/r/ndslabs/fedora-commons/	auto	no	Mike		
ndslabs-hydra	https://hub.docker.com/r/ndslabs/hydra/	manual		Craig		Incomplete service should be noted in readme
ndslabs-iqvoc	https://hub.docker.com/r/ndslabs/iqvoc/	auto	basic	Craig		
ndslabs-irods	https://hub.docker.com/r/ndslabs/irods-icat/	auto	revisit	Craig		The three components share a readme – it would be worth describing the all in it.
	https://hub.docker.com/r/ndslabs/cloudbrowser/	auto	revisit	Craig		
	https://hub.docker.com/r/ndslabs/cloudbrowser-ui/	auto	revisit	Craig		
ndslabs-irods-federate			ok	Craig		Component for iRODS
ndslabs-jenkins	https://hub.docker.com/r/ndslabs/jenkins/	auto	revisit	Mike		README says this is an experiment
ndslabs-jupyterlab	https://hub.docker.com/r/ndslabs/jupyterlab/	auto	basic	Craig		
ndslabs-kubernetes-contrib				All		Fork is in trouble. Need to decide what to do.

ndslabs-nrpe	https://hub.docker.com/r/ndslabs/nagios-nrpe/	auto	basic	Craig			
ndslabs-orront	https://hub.docker.com/r/ndslabs/orront/	manual	revisit	Craig			Incomplete service should be noted in readme
ndslabs-owncloud	https://hub.docker.com/r/ndslabs/postgres-owncloud/	manual		Mike?			
	https://hub.docker.com/r/ndslabs/owncloud/	auto	revisit	Mike			Readme seems to be from Developer-tutorial?
ndslabs-pegasus				Craig			Incomplete service should be noted in readme
ndslabs-perf	https://hub.docker.com/r/ndslabs/stress/ https://hub.docker.com/r/ndslabs/systools/	manual		Craig			Poorly documented artifacts from IASSIST load testing.
ndslabs-skosmos	https://hub.docker.com/r/ndslabs/skosmos/	auto	basic	Craig			
ndslabs-solr	https://hub.docker.com/r/ndslabs/solr6/	auto	revisit	Craig			Should be renamed to solr before beta
ndslabs-startup			ok	Craig			
ndslabs-sufia	https://hub.docker.com/r/ndslabs/sufia/	auto	stub	Craig			Need to add real readme
ndslabs-system-shell	https://hub.docker.com/r/ndslabs/system-shell/	auto	revisit	Mike			
ndslabs-tematres				Craig			Incomplete service should be noted in readme
ndslabs-toolmanager	https://hub.docker.com/r/ndslabs/toolmanager/	auto	basic	Craig			
	https://hub.docker.com/r/ndslabs/toolserver/	manual		Craig			Delete this?
ndslabs-webprotege	https://hub.docker.com/r/ndslabs/webprotege/	auto	basic	Craig			
	https://hub.docker.com/r/ndslabs/lati/	manual	none	Mike?			
	https://hub.docker.com/r/ndslabs/master/	manual		?			Mistake?
	https://hub.docker.com/r/ndslabs/volume-vault/	manual		David?			
	https://hub.docker.com/r/ndslabs/rabbitmq-server/	manual		?			
	https://hub.docker.com/r/ndslabs/torch/	manual		?			
	https://hub.docker.com/r/ndslabs/alpine/	manual		David?			
	https://hub.docker.com/r/ndslabs/gluster-srv/	manual		David?			
	https://hub.docker.com/r/ndslabs/psi-edge/	manual		David?			
	https://hub.docker.com/r/ndslabs/che/	manual		Craig?			Can likely be deleted
	https://hub.docker.com/r/ndslabs/wso2is/	manual		Craig			WSO2IS experiment, needs to be cleaned up.

NDSC5

Document	Priority	Notes	Assigned to	Reviewer	Status	Related Link(s)
Update labsportal Wordpress	High		Kenton	?		http://labsportal.nationaldataservice.org/
Tutorial repo with examples	High		Mike	Craig	Ready for review	https://github.com/nds-org/developer-tutorial
Tutorial presentation	High		Craig	Mike/David		2016-03-28 Tutorial planning https://docs.google.com/presentation/d/1LI0EwFpVXVdZAM44tBeT5q_mq7WXlwBDup4Km7Np37o/edit#slide=id.p
Clowder/Terra demo video	High	Need to work with Craig to make sure titles /subtitles consistent	Mike	Craig	Ready for review	https://uofi.app.box.com/files/0/f/5363912561/Videos
Dataverse/iRods demo video	High		Craig	Mike	As good as it's going to be	https://uofi.app.box.com/files/0/f/5363912561/Videos

ndslabs-system-shell readme	High		David			https://github.com/nds-org/ndslabs-system-shell
NDSLabs build /installation instructions	High	Needs consolidation	Craig	Mike		https://github.com/nds-org/ndslabs/tree/master/apiserver https://github.com/nds-org/ndslabs/tree/master/apictl https://github.com/nds-org/ndslabs/tree/master/gui https://github.com/nds-org/ndslabs/blob/master/docs/setup.md
ndslabs-repo readme	High	Needs community information	Craig	Mike		https://github.com/nds-org/ndslabs
ndslabs-specs repo readme	High	Mike → Craig: Looks good, I think?	Craig/Mike	Mike/Craig	Done	https://github.com/nds-org/ndslabs-specs
ndslabs-elowder repo readme	High	Craig: Looks good.	Mike	Craig	Ready for review	https://github.com/nds-org/ndslabs-elowder https://github.com/nds-org/ndslabs-elowder/tree/master/dockerfiles https://github.com/nds-org/ndslabs-elowder/tree/master/kubernetec
ndslabs-dataverse readme	High	Mike → Craig: Looks good	Craig	Mike	Ready for review	https://github.com/nds-org/ndslabs-dataverse
ndslabs-developer-shell readme	Med		David			https://github.com/nds-org/ndslabs-developer-shell
Best-practices for Dockerfile creation	Med	Needs more best practices / consolidation	Mike	Craig		- Using Docker Images - Building Custom Docker Images https://github.com/nds-org/developer-tutorial https://docs.docker.com/engine/userguide/eng-image/dockerfile_best-practices/ https://github.com/docker-library/official-images
Best practices for service creation	Med	Needs consolidation	Craig	Mike		◦ Adding NDSLabs Services (this is an old draft) https://github.com/nds-org/developer-tutorial https://docs.docker.com/engine/userguide/eng-image/dockerfile_best-practices/ https://github.com/docker-library/official-images
ndslabs-irods readme	Med	Mike → Craig: Would it be beneficial to link to irods-federate / dataverse in 'See also'?	Craig	Mike	Ready for review	https://github.com/nds-org/ndslabs-irods
ndslabs-irods-federate readme	Med	Mike → Craig: A bit sparse... may need build / run instructions if its much more complicated than 'make' or './build.sh'	Craig	Mike	Ready for review	https://github.com/nds-org/ndslabs-irods-federate
Document apiserver.conf	Med		Craig	Mike	Ready or review	https://github.com/nds-org/ndslabs/tree/master/apiserver#configuration
Dockerhub repo documentation?	Low	If we have time				
ELK demo video	Low		Craig	Mike		TBA

Dataverse /TwoRavens demo	Low		Craig	Mike		• TBA
ndslabs-deploy-tools readme	Low		David			• https://github.com/nds-org/ndslabs-deploy-tools
ndslabs-all-sources readme	Low		David			• https://github.com/nds-org/ndslabs-all-sources
nds-labs-legacy readme	Low					• https://github.com/nds-org/nds-labs-legacy