

NDS Labs Services

Research Data Management Tools

Name	Description	In Labs Workbench?	Notes
browndog	Data transformation service, http://browndog.ncsa.illinois.edu/	<input type="checkbox"/>	
ckan	Data portal, http://ckan.org/	<input type="checkbox"/>	
clowder	Data hosting/sharing, https://clowder.ncsa.illinois.edu/	<input checked="" type="checkbox"/>	
dataone	Repository, https://www.dataone.org/	<input type="checkbox"/>	
dataverse	Repository, http://dataverse.org/	<input checked="" type="checkbox"/>	
dspace	Repository, http://www.dspace.org/	<input type="checkbox"/>	
fedora	Repository, http://fedorarepository.org/	<input type="checkbox"/>	
girder	Data hosting/sharing, http://girder.readthedocs.org/en/latest/index.html	<input type="checkbox"/>	
globus	Data transfer/publishing, https://www.globus.org/	<input type="checkbox"/>	
hubzero	Tool sharing, https://hubzero.org/	<input type="checkbox"/>	
irods	Federated Archive, http://irods.org/	<input checked="" type="checkbox"/>	
omeka	Repository, https://omeka.org/	<input type="checkbox"/>	
scidrive	Data hosting/sharing, http://scidrive.org/	<input type="checkbox"/>	
zenodo	Data & software publication, http://zenodo.org/	<input type="checkbox"/>	

Data Analysis and Visualization

Name	Description	In Labs Workbench?	Notes
cyverse	Data storage/analysis, http://www.iplantcollaborative.org/	<input type="checkbox"/>	

galaxy	Data intensive research platform, https://galaxyproject.org/	<input type="checkbox"/>	
jupyter	Electronic notebook, http://jupyter.org/	<input checked="" type="checkbox"/>	
rstudio	IDE for R, https://www.rstudio.com/	<input checked="" type="checkbox"/>	
tworavens	Statistical tools, http://datascience.iq.harvard.edu/about-tworavens	<input checked="" type="checkbox"/>	
weka	Machine learning, http://www.cs.waikato.ac.nz/ml/weka/	<input type="checkbox"/>	
yt	Data visualization, http://yt-project.org/	<input type="checkbox"/>	

Software Development Environments

Name	Description	In Labs Workbench?	Notes
cloud9	https://github.com/c9	<input type="checkbox"/>	License?
eclipse	https://eclipse.org/	<input type="checkbox"/>	
eclipse che	http://www.eclipse.org/che/	<input type="checkbox"/>	
idea	https://www.jetbrains.com/idea/	<input type="checkbox"/>	
pycharm	https://www.jetbrains.com/pycharm/	<input type="checkbox"/>	
vscode	https://code.visualstudio.com/	<input type="checkbox"/>	

General Services

Name	Description	In Labs Workbench?	Notes
apache	Web server, https://httpd.apache.org/	<input checked="" type="checkbox"/>	
elasticsearch	Text indexing, https://www.elastic.co/cloud/signup	<input checked="" type="checkbox"/>	
gitlab	Source code management, https://about.gitlab.com/	<input type="checkbox"/>	
glassfish	Java application server, https://glassfish.java.net/	<input checked="" type="checkbox"/>	

kallithea	Source code management, https://kallithea-scm.org/	<input type="checkbox"/>	
mediagoblin	Media publishing, http://mediagoblin.org/	<input type="checkbox"/>	
mediawiki	Wiki, https://www.mediawiki.org/wiki/MediaWiki	<input type="checkbox"/>	
moinmoin	Wiki, https://moinmo.in/	<input type="checkbox"/>	
mongodb	NoSQL database, https://www.mongodb.org/	<input checked="" type="checkbox"/>	
mysql	Database, https://www.mysql.com/	<input checked="" type="checkbox"/>	
nginx	Web server, http://nginx.org/en/	<input checked="" type="checkbox"/>	
owncloud	Cloud storage, https://owncloud.org/	<input checked="" type="checkbox"/>	
postgres	Database, http://www.postgresql.org/	<input checked="" type="checkbox"/>	
rabbitmq	Distributed messaging bus, http://www.rabbitmq.com/	<input checked="" type="checkbox"/>	
solr	Search, http://lucene.apache.org/solr/	<input checked="" type="checkbox"/>	
xwiki	Wiki, http://www.xwiki.org/xwiki/bin/view/Main/WebHome	<input type="checkbox"/>	

Previous version can be found [here](#).