

Components & Source Code

 Clowder	Customizable web based content management framework for data sharing, curation, analysis, and publication. • Wiki: https://opensource.ncsa.illinois.edu/confluence/display/CATS/Home • Repository: https://opensource.ncsa.illinois.edu/bitbucket/projects/CATS/ • Docker Hub: https://hub.docker.com/u/clowder/ • Issues: https://opensource.ncsa.illinois.edu/jira/browse/CATS/
 Polyglot	An extensible distributed file format conversion engine for automating software and chaining together conversion capabilities. • Wiki: https://opensource.ncsa.illinois.edu/confluence/display/POL/Polyglot • Repository: https://opensource.ncsa.illinois.edu/bitbucket/projects/POL • Docker Hub: https://hub.docker.com/u/ncsapolyglot/ • Issues: https://opensource.ncsa.illinois.edu/jira/browse/POL/ • Documentation: http://opensource.ncsa.illinois.edu/projects/artifacts/POL/2.1.0-SNAPSHOT/documentation/manual/ • Javadoc: http://opensource.ncsa.illinois.edu/projects/artifacts/POL/2.1.0-SNAPSHOT/documentation/javadoc/
 Brown Dog	An extensible distributed data transformation service. • Wiki: https://opensource.ncsa.illinois.edu/confluence/display/BD/ • Repository: https://opensource.ncsa.illinois.edu/bitbucket/projects/BD/ • Docker Hub: https://hub.docker.com/u/browndog/ • Issues: https://opensource.ncsa.illinois.edu/jira/projects/BD/
 DataWolf	Distributed web based scientific workflow engine. • Wiki: https://opensource.ncsa.illinois.edu/confluence/display/CBI/Cyberintegrator+Home • Repository: https://opensource.ncsa.illinois.edu/bitbucket/projects/CBI/repos/cyberintegrator-3/ • Issue Tracker: https://opensource.ncsa.illinois.edu/jira/browse/CBI/ • Documentation: http://isda.ncsa.illinois.edu/documentation/cyberintegrator
 PEcAn	Scientific workflow and data assimilation system connecting a variety of models within the Ecology community to a variety of data sources towards regional-scale high resolution estimates of plant life and carbon storage, in a manner that can leverage HPC resources, and promote reproducibility as well as usability via a user friendly web interface. • Repository: https://github.com/PecanProject/pecan
 Versus	Framework for constructing content based comparisons. • Wiki: https://opensource.ncsa.illinois.edu/confluence/display/VS/Versus • Repository: https://opensource.ncsa.illinois.edu/bitbucket/projects/VS/ • Issues: https://opensource.ncsa.illinois.edu/jira/browse/VS/ • Documentation: http://isda.ncsa.illinois.edu/documentation/versus/VersusmanualV1.html
 Daffodil	Open source implementation of the Data Format Description Language (DFDL) allowing one to describe how to access a file's contents. • Wiki: https://opensource.ncsa.illinois.edu/confluence/display/DFDL/Daffodil%3A+Open+Source+DFDL • Repository: https://opensource.ncsa.illinois.edu/bitbucket/projects/DFDL/repos/daffodil/ • Issues: https://opensource.ncsa.illinois.edu/jira/browse/DFDL/ • Specification & Tutorials: https://redmine.ogf.org/dmsf/dfdl-wg?folder_id=5485
 CI-BER	70 terabyte uncured/unstructured digital data testbed. • Repository: https://github.com/UMD-DRASTIC