

JADHL [Java API for handle]

[JADHL](#) is a JAVA API package enabling access to Handle through a clean and well-defined service layer. This API improves on the default CNRI API by isolating the services our users are most interested in, and simplifying the interface to those services. It provides for Create, Update, Resolve and Delete functionality in both Single Handle and Batch mode. Through JADHL, developers can straightforwardly integrate Handle identifier services into their software, including non-Java software through command-line interface.

PILIN Web Handle Management Tool

The [PILIN Web Handle Management Tool](#) allows an administrator of any Local Handle Server to manage their handles through a powerful web interface. The tool management of Handles can be done in batch mode (through XML) and for single Handles (interactively). Administrators can create, update and delete Handles as well as individual Handle fields, including individual field read and write privileges. They can add multiple instances of types to a Handle record (e.g. multiple URLs), as well as custom types. The tool uses Handle's PKI infrastructure for authentication, and also allows selective inspection of Handle record fields.

PILIN FRBR Tool

The [PILIN FRBR Tool](#) manages and navigates models of version and format relations between digital objects, based on the FRBR Model widely used in the library world. With it, a user can maintain and explore Handles for distinct versions of the same object, and distinct file format presentations of the same object.

This tool uses the [FRBR](#) model of bibliographical entities as its base information model. Although FRBR has broad applicability, its use in this tool is intended only as illustrative: other information models can be supported by persistent identifiers, and persistent identifier management tools can be adapted to operate with different information models.

Transfer Resource Demonstrator

The PILIN Transfer Resource demo is a simple demonstration of the value-added use of identifier services, in conjunction with external services, to achieve a business goal. In this instance, identifier services are used to update an identifier for a digital object, in tandem with moving the object from one directory to another. This ensures that the identifier remains persistent throughout the move. The demo is not intended as production code, but as an exemplar of identifier service orchestration.

Download Transfer Resource Demonstrator from [here](#)

Appropriate Copy and Multiple Resolution.

This is a FRED (Federated Repositories for Education) output in collaboration with PILIN and located on the FRED website at <http://fred.usq.edu.au>

Reverse Lookup Service

A persistent citation service such as is described here ([Persistent Citation Resolver Service](#)) resolves non-persistent identifiers to their persistent counterparts; in this case, URLs already cited for a resource, to Handles as the preferred citation for a resource.