



## Kuali Open Library Environment Deliver (Circulation) Overview June 2013, Milestone Release 0.8

This document is intended to provide a basic overview of OLE's circulation features and functions of interest to the circulation librarian. It therefore assumes familiarity with commonly used terms or phrases (e.g., "patron", "borrower", "shelving location", "recall", "checkin", "checkout", etc.). More detailed descriptions of functionality and instructions on using the circulation staff interface are provided in the *Guide to Deliver – Circulation and Patrons*. This and other OLE user guides are available for download from [OLE 0.8 Milestone User Documentation](#).

### Introduction

OLE circulation is based on the ability to link patron data to item data in various combinations under various circumstances and conditions. While the combinations are often common to all libraries, circumstances and conditions vary considerably, so OLE allows any library to select a wide range of options to meet local circulation policy requirements, e.g., patron-related blocks, item-related blocks, loan periods, notice types and notice frequency, etc.

Like many other library systems, OLE circulation rules are based on the combination of:

1. A patron's borrower type (e.g., "undergraduate", "graduate", "faculty", "staff", etc.)
2. An item's shelving location (e.g., "Main Library", "Bookstacks", etc.)
3. An item's item type (e.g., "Book", "DVD", "Map", etc.)

OLE allows you to define as many borrower types, shelving locations, and item types as you wish and you may have as many circulation rules as you need. You could set up ONE policy that applies to all borrower types, all item types, and all shelving locations, or you could set up a policy for each unique combination of the three elements. You could also set up a limited number of policies for various groupings of the three elements—this being the option that most libraries will probably follow.

Libraries apply circulation policies by using the Loan, Return, and Request functions.

### Basic Functions

OLE provides the features/functions that most circulation librarians would consider essential for any modern, up-to-date system. These include (but are not limited to):

1. Patron Records
2. Item Records/Fast Adds
3. Circulation Desk
4. Loan/Renew
5. Return
6. Requests
7. Notices and Other Batch Processes
8. "My Account" Features for Patrons

## Patron Records

OLE allows for the batch ingest of patron records from external sources with the ability to set overlay rules. Operators can also create and update records manually online. Key patron record data includes (but is not limited to):

1. unique system-generated ID
2. photo image (optional)
3. name
4. street address(es)
5. email address(es)
6. telephone number(s) (texting options available for cell phones in a future release)
7. borrower type
8. active/expire dates
9. unique barcode
10. data source (to identify external sources)
11. general block flag (for any reason)
12. flags to permit delivery, paging or courtesy notice privileges
13. proxies
14. locally defined statistical category, department/institution affiliation, etc.

Multiple addresses include a flag to indicate the preferred address for receiving notices and deliveries. Libraries can by default grant delivery and paging privileges by borrower type, but turn these on or off for any individual patron. [See [Requests](#) for more information on delivery and paging.] Patrons can also elect to NOT receive courtesy notices (e.g., return reminders when items near their due date/time).

The patron barcode is the identifier when a patron initiates a circulation transaction. Patron barcodes are unique, can be distinguished from item barcodes, and can be subject to check-digit routines (local option).



To learn more about patron records and how to create and modify them, see the *Guide to Deliver – Circulation and Patron*.

## Item Records/Fast Adds

Item records in OLE contain the unique barcode which identifies each physical object presented for a circulation transaction. Item barcodes can be distinguished from patron barcodes and can be subject to check-digit routines (local option).

Item records also contain other circulation-related data such as shelving location, item type, item status, piece count (at Return, a number of pieces > 1 results in a prompt to count the pieces in the item), and checkin note (appears at Return to prompt the operator to follow special directions/procedures for this item).

From the Loan screen, operators can quickly create a brief bibliographic and item record for any item presented without a barcode. Such records are flagged as “fast add” and require entry of a checkin note to the item so that upon Return the item can be routed to the appropriate staff for follow-up.



For instructions on how to create fast adds, see the *Guide to Deliver – Circulation and Patron*.

## Circulation Desk


Circulation Desks are the work areas that provide services for items in designated shelving locations. Desks can be established to handle any circulation transactions for any item at any shelving location or be limited to items from designated shelving location. Each shelving location is assigned to a Circulation Desk as its “home”. If so configured, items returned to a Desk other than its “home” will be put into an “in transit” status for routing to its “home”.

Operators are authorized to work at designated Circulation Desks and identify at login the Circulation Desk at which they work (or accept the one assigned by default). Supervisors authorized for multiple Circulation Desks can thus switch back and forth as needed.

Each Circulation Desk has certain parameters:

1. whether it is a pick-up location (see [Requests](#) for more information)
2. length of time an item stays “on hold” (see [Requests](#) for more information)
3. average time between Return and reshelving (see [Return](#) for more information)
4. whether it prints circulation slips

OLE requires you to establish at least one Circulation Desk; you can establish as many as you want.

 To learn more about circulation desks, see the *Guide to Deliver – Circulation and Patron*. This and other OLE user guides are available for download from [OLE 0.8 Milestone User Documentation](#).

## Loan/Renew

An operator can perform check-out and renew transactions from the Loan Interface. A loan transaction is completed with the relevant data displaying for the operator including the due date, etc. if appropriate circulation policies are applied and no blocks exist on either the patron account or item record. Any successful loan transaction also updates the item status in the item record.

When the system cannot determine an applicable circulation policy, the operator can still loan the item by entering a due date/time manually. Also, authorized operators can change due dates by editing the loan transaction.

The Loan screen also displays all items previously loaned to the patron. Selecting any one of these permits the operator to perform a renewal (assuming that the circulation policy permits renewals and there are no applicable blocks on the patron or the item). OLE supports the ability of patrons to perform their own renewals. See [My Account Features for Patrons](#) for more details.

The Loan screen also allows the operator to mark an item on loan as “claims returned” when the patron believes the item has been returned. A note is included to explain any details.

Loans or renewals can be blocked for a number of reasons. Most of the values that cause blocks are locally defined. A partial list of blocks includes:

1. Patron record has expired
2. Patron record has a general block
3. Patron has the maximum number of items on loan

4. Patron has the maximum number of overdue items
5. Patron has the maximum number of overdue recalled items
6. Patron owes an amount in excess of the maximum allowed
7. Item cannot be loaned by policy
8. Item cannot be renewed by policy
9. Item has been renewed the maximum number of times
10. Item cannot be loaned at this Circulation Desk



For instructions on loaning and renewing, see the *Guide to Deliver – Circulation and Patron*.

## Return

An operator initiates a Return transaction by entering the item barcode. Assuming no notifications or exceptions, the system displays details of the returned item and then allows for entry of the next item barcode. Operators can back-date the return due dates/time as needed (often used to process items returned while the library was closed).

If an item is visibly damaged, the operator can set a flag to record this information.

Returning an item removes the loan transaction (i.e., the link between patron and item is removed) and creates a circulation history record that archives all the necessary data about the loan. An option exists to include or exclude patron-specific data from the history record. Another option is to create a temporary circulation history record for the purpose of allowing patrons to view their previous loans. This record, if it exists, does include patron-specific data; these can be purged by a batch process run on a locally-determined schedule limited to records of a specified age.

Returning an item also updates the item status in the item record. If the Circulation Desk has defined an interval between return and reshelving, the item status becomes “Recently Returned” (or whatever literal is wanted). After the interval, a batch process changes the item status to “Available” (or whatever literal is wanted).

During Return, the system also applies any overdue policies that may be in effect, e.g., if fines are charged per day/hour, the Return transaction calculates the amount and creates an overdue fine bill; this is then sent to the patron after running a batch process See [Notices and Other Batch Processes](#) for more information.

Return also captures any pending request(s) for a returned item and prompts the operator to act accordingly. Check-in notes in an item also appear to the operator at the time of Return.



For instructions on returning materials, see the *Guide to Deliver – Circulation and Patron*.



To learn more about the Deliver Module’s batch processes, see Batch Processes in the *Guide to Deliver – Circulation and Patron*.

## Requests

OLE allows requests of various types to be placed on items. The request types are:

1. Recall/Hold: allows a patron to request an item on loan to another patron, thereby potentially shortening that patron’s loan period; when returned, the item is placed “on hold” at the Circulation Desk (i.e., the “pick-up location”) specified by the requesting patron; an availability notice is sent to the patron.

2. Recall/Delivery\*: allows a patron to request an item on loan to another patron, thereby potentially shortening that patron's loan period; when returned, item is automatically loaned to the requesting patron, a mailing label is generated, and the item is physically sent to the requesting patron's preferred street address.
3. Hold/Hold: allows a patron to request an item on loan to another patron without shortening that patron's loan period; when returned, item placed "on hold" at the Circulation Desk (i.e., the "pick-up location") specified by the requesting patron; an availability notice is sent to the patron.
4. Hold/Delivery\*: allows a patron to request an item on loan to another patron without shortening that patron's loan period; when returned, item is automatically loaned to the requesting patron, a mailing label is generated, and the item is physically sent to the requesting patron's preferred street address.
5. Page/Hold\*: allows a patron to request that an available item be paged; when retrieved, item is placed "on hold" at the Circulation Desk (i.e., the "pick-up location") specified by the requesting patron; an availability notice is sent to the patron.
6. Page/Delivery\*: allows a patron to request that an available item be paged; when retrieved, item is automatically loaned to the requesting patron, a mailing label is generated, and the item is physically sent to the requesting patron's preferred street address.
7. Copy: allows a patron to request that a print or electronic copy be made of an item (or portion thereof). Copy requests are routed to designated staff for manual fulfillment.

\*Delivery and/or paging privileges may be set to apply—or not—to all patrons or all patrons of a particular borrower type. These privileges may also be granted on an individual basis (e.g., a physically disabled patron) as desired.

For now, OLE supports requests at the individual item level. Title-level requests are planned for a future release.

OLE supports the ability of patrons to place their own requests. See [My Account Features for Patrons](#) for more details.



For instructions on placing requests, see the *Guide to Deliver – Circulation and Patron*.

## Notices and Other Batch Processes

OLE provides a number of batch processes to generate patron notices, bills, and perform other maintenance functions. Notices and bills can be emailed or printed for mailing. Batch process schedules are locally configurable to support a variety of institutional needs. These include:

1. Overdue notices, due date reminder notices\*, expired hold notices\*, on hold notices
2. Replacement fee bills (for lost items, i.e., long-overdue items with the maximum number of overdue notices sent) and overdue fine bills (recorded at the time of Return)
3. Changing "Recently Returned" item status to "Available" after the designated interval for each Circulation Desk
4. Purging temporary circulation history records
5. Generating a report of on hold items now beyond the expiration date

\*Considered "courtesy" notices, libraries can decide to send these or not. Also, if such are sent, a flag in the patron record can be set so that no courtesy notices are generated for that patron.



For an overview of the Deliver Module's batch processes, see the *Guide to Deliver – Circulation and Patron*.

## “My Account” Features for Patrons

OLE has been designed so that certain circulation-related functions can be performed by patrons themselves using a library’s public user interface. This includes login, renewing loaned items, making requests, viewing lists of previously borrowed items, viewing a list of bills, requesting or making address changes, etc.

In order to offer these functions, a library’s public user interface will need to be properly configured so that it can exchange messages and data with OLE using NCIP (NISO Circulation Interchange Protocol). NCIP support will be part of OLE 1.0.



To learn more about My Account, see the relevant section of *Guide to Deliver – Circulation and Patron*.