



UC Libraries Digital Preservation Repository

User's Guide to the Web Interface

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Chapter

1

About This Document

The UC Libraries Digital Preservation Repository (DPR) supports the long-term storage, deposit, and dissemination of digital objects.

Users of the DPR must first complete a pre-submission process, including registration (during which authorized users are supplied with a login and password), pre-submission worksheet, and submission agreements. For more information about these processes, see

<http://www.cdlib.org/inside/projects/preservation/dpr/>.

This document provides a guide to the DPR web interface. Discussion of functionality available through the DPR's Java API is found in the *Digital Preservation Repository: Java Toolkit Developer's Guide*.

This guide contains the following chapters:

- Chapter 2, "User Roles and Login Procedures," on page 9
- Chapter 3, "Submitting an Object," on page 15
- Chapter 4, "Browsing and Locating an Object," on page 27
- Chapter 5, "Viewing and Downloading Objects," on page 35

Help

To access the Help screen:

1. Click the Help link on any DPR screen. See [Figure 1](#).



Figure 1: Help Link

The Help screen displays. See [Figure 2](#).

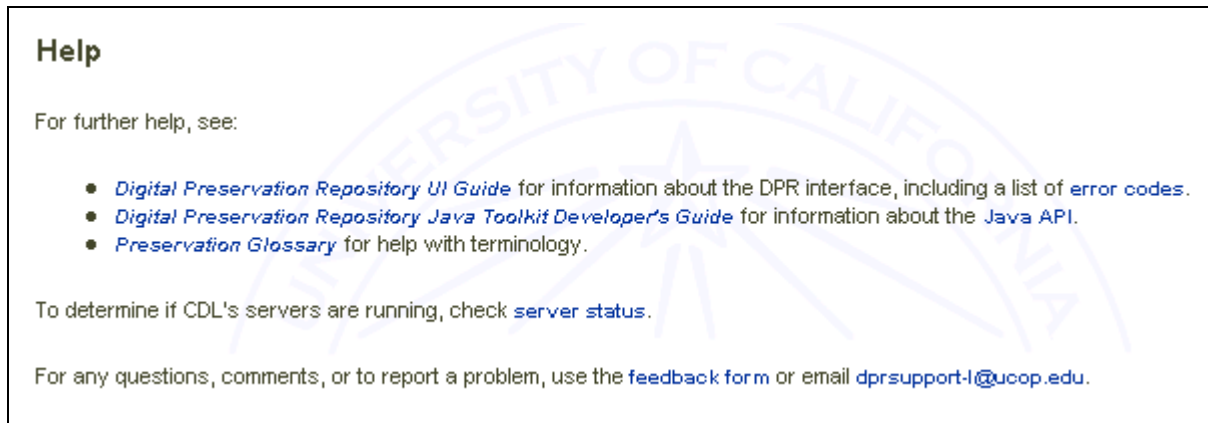


Figure 2: Help Screen

On this screen, you can do the following:

2. Click on links to access:
 - To consult DPR documentation.
 - To determine if CDL's servers are running.
 - To provide feedback.
 - To address other questions you may have.

Feedback

If you wish to leave feedback:

1. Click on the following link at the bottom of every DPR screen. See [Figure 3](#).



Figure 3: Feedback Link

The Feedback screen displays. See Figure 4 on [page 7](#).

Feedback

If you are reporting a problem, please include:

- Transaction ID (or Lot ID) and any details of the error message
- Details of the request, including type of request and any relevant Object IDs or submission URLs
- Version and configuration of the Toolkit, Java VM version, and operating system (**Java Toolkit users only**)
- Any information or comments that will help us duplicate the issue

To: DPR Support

From: **Use an email address**

Cc:

Comment or question:

Figure 4: Feedback Screen

2. Fill out the Feedback form and click Send Feedback.



Chapter

2

User Roles and Login Procedures

This chapter discusses the following topics:

- [Overview of User Roles, page 9](#)
- [Logging into the DPR, page 10](#)
- [My Account Screen, page 12](#)

Overview of User Roles

The DPR user is linked to objects through the inventories established during the pre-submission process. [Table 1](#) shows the access privileges assigned to the consumer and submitter.

Table 1: User Roles

Privileges Assigned by Role	Consumer	Submitter
View objects	X	X
Validate, submit and replace objects		X

A user may have a different authorization level for each assigned inventory: for example, a user can be a consumer in one inventory and a submitter in another. The Main Menu screen lists the inventories to which the user has access. (See [Figure 6 on page 11](#).)

Logging into the DPR

To sign into the repository

1. Go to <https://www.preserve.cdlib.org/> for the production Web interface or <http://preserve-stage.cdlib.org:34130/repoui/> for the test Web interface.

The Account Login screen displays. See [Figure 5](#).

2. Fill in User Name and Password fields.

Welcome to the UC Libraries Digital Preservation Repository

If you need an account or have forgotten your password, please contact the Digital Preservation Repository team at dprsupport-l@ucop.edu. For more information about the UC Libraries Digital Preservation Repository, see the [overview page](#).

Log in to the DPR

User ID:

Password:

Figure 5: Login Screen

3. Click Submit.

The Main Menu screen displays. See [Figure 6](#) on [page 11](#). It has the following sections.

Main Menu Screen Sections

Depending on your user privileges, the appearance of this screen varies. For example, a consumer sees everything on the Main Menu screen in except for the Submit Objects section, which can only be viewed if you are authorized as a submitter in one of your inventory groups.

Main Menu

Submit Objects	Browse	Search
<p>Create new objects; or add or replace versions of objects.</p> <p>Submit a single object You may wish to validate the object first.</p> <p>Submit multiple objects You may wish to validate the objects first.</p>	<p>Browse by inventory</p> <ul style="list-style-type: none"> • LSTA Alameda County Library - Albany Public Library • LSTA Anaheim Public Library • LSTA CSU Sacramento • LSTA Orange Public Library • LSTA Oxnard Public Library • LSTA Pomona Public Library 	<p>Locate an object by its identifier</p> <p>The locate functionality performs exact matches on identifiers.</p> <p>Object ID (ARK): <input style="width: 150px;" type="text"/></p> <p style="margin-left: 40px;">ARK syntax: ark:/nnnnn/cccccccccc</p> <div style="text-align: right; margin-top: 10px;"><input type="button" value="Locate"/></div> <p>To locate an object by its Local Object ID, choose the inventory to which that object belongs.</p> <p>Locate an object to either add or replace versions, or to view or download a version.</p>

Figure 6: Main Menu Screen

1. The following sections are viewable by the consumer and submitter.
 - Browse
 - If you Browse by Inventory, the objects displayed are included in a particular inventory.
 - Search
 - If you Locate an object by its identifier, enter the Object ID (ARK) or the Local Object ID.
2. The following section is only viewable by the submitter:
 - Submit Objects: Create new objects; or add or replace versions of objects.
 - Submit a single object
 - Validate the object first
 - Submit multiple objects
 - Validate the objects first

Note: The functionality available on the Main Menu screen is also found on the Toolbar. See [Figure 7](#).



Figure 7: Toolbar

My Account Screen

The My Account screen provides summary information about your account and allows you to view the inventory groups you can access.

To Access the My Account Screen

- Click the My Account link on the right side of the screen. See [Figure 8](#).



Figure 8: My Account Link

The My Account screen displays. See [Figure 9](#).

My Account

View account information and display all inventories.

User ID: pfogel

Name: Paul Fogel

My Inventories: Submitter for LSTA Alameda County Library - Albany Public Library
 Submitter for LSTA Anaheim Public Library
 Submitter for LSTA CSU Sacramento
 Submitter for LSTA Orange Public Library
 Submitter for LSTA Oxnard Public Library
 Submitter for LSTA Pomona Public Library
 Submitter for LSTA Redwood City Public Library
 Submitter for LSTA San Bernadino Public Library
 Submitter for LSTA San Diego Historical Society
 Submitter for LSTA Santa Ana Publisic Library
 Submitter for LSTA Society of California Pioneers Year 3
 Submitter for LSTA Society of California Pioneers Year 4
 Submitter for LSTA SFPALM
 Submitter for LSTA San Joaquin Valley Library System - Coalinga Huron Library District
 Submitter for LSTA San Joaquin Valley Library System - Fresno County Public Library
 Submitter for LSTA San Joaquin Valley Library System - Kern County Library
 Submitter for LSTA San Joaquin Valley Library System - Kings County Library
 Submitter for LSTA San Joaquin Valley Library System - Madera County Library
 Submitter for LSTA San Joaquin Valley Library System - Mariposa County Library
 Submitter for LSTA San Joaquin Valley Library System - Porterville Public Library
 Submitter for LSTA San Joaquin Valley Library System - Tulare County Free Library

Figure 9: My Account Screen

Note: Additional functionality, such as the ability to change your password, will be added in the near future.

To change your password or to edit any of the account information, contact the Digital Preservation Repository team at: dprsupport-l@ucop.edu.



Chapter

3

Submitting an Object

This chapter discusses the following topics:

- [Requirements for Submitting Objects, page 15](#)
- [Validating a Single Object, page 16](#)
- [Choosing or Switching Inventories, page 17](#)
- [Submitting a Single Object, page 18](#)
- [Validating Multiple Objects, page 22](#)
- [Submitting Multiple Objects, page 24](#)
- [Maintaining and Updating Objects, page 26](#)

Requirements for Submitting Objects

- Inventory** Objects must be submitted to a specific inventory assigned during the pre-submission process.
- On the **Choose Inventory** screen, select the inventory to which you want to submit the object.
 - If necessary, use the **Switch Inventory** link at the top of the page in order to change the inventory you are viewing.

For a detailed description, see “Submitting a Single Object” on [page 18](#), “Submitting Multiple Objects” on [page 24](#), and “Maintaining and Updating Objects” on [page 26](#).

- Metadata Profiles** An object submitted to the DPR must conform to a METS profile that is used in the DPR pre-submission process. All metadata records must specify the profile used; validation is based on this information.

A list of currently acceptable profiles may be found at <http://ark.cdlib.org/mets/profiles/>.

- Object Identifiers** A submitted object should have one or both of the following:

- **Object ID:** Archival Resource Key (ARK), assigned as part of the pre-submission process if the object lacks an ARK.
- **Local Object ID (optional):** Unique ID entered as part of your pre-submission process.

Validation Before submitting an object, you have the option to validate the METS file.

Submission The submission form for adding an object to the DPR has two required fields:

- URL of the METS file you are submitting
- Type of submission (add or replace version)

Validating a Single Object

Before submitting an object, you might want to validate a single METS file.

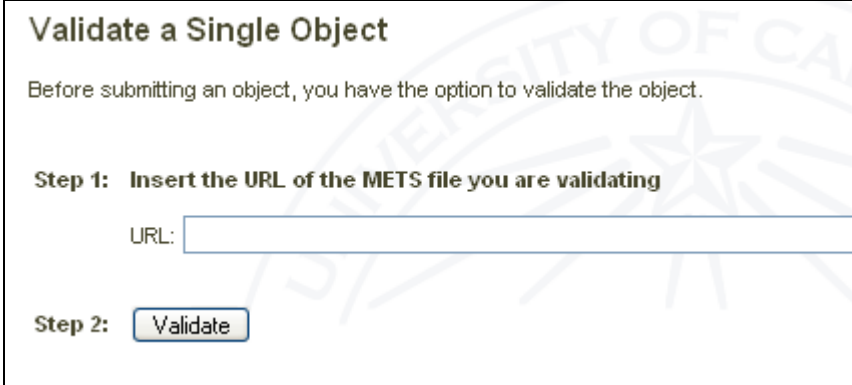
Note: This action does not submit the object to the repository.

The URL is the only field required for validation: it locates the METS file that refers to the object that needs to be validated.

To Validate a Single Object

1. Click the `validate` link under `Submit a Single Object` on the Main Menu screen.

The `Validate a Single Object` screen displays. See [Figure 10](#).



Validate a Single Object

Before submitting an object, you have the option to validate the object.

Step 1: Insert the URL of the METS file you are validating

URL:

Step 2:

Figure 10: Validation Screen

2. Enter the URL and click `Validate`.

The `Transaction Report` screen displays showing the validation has been made.

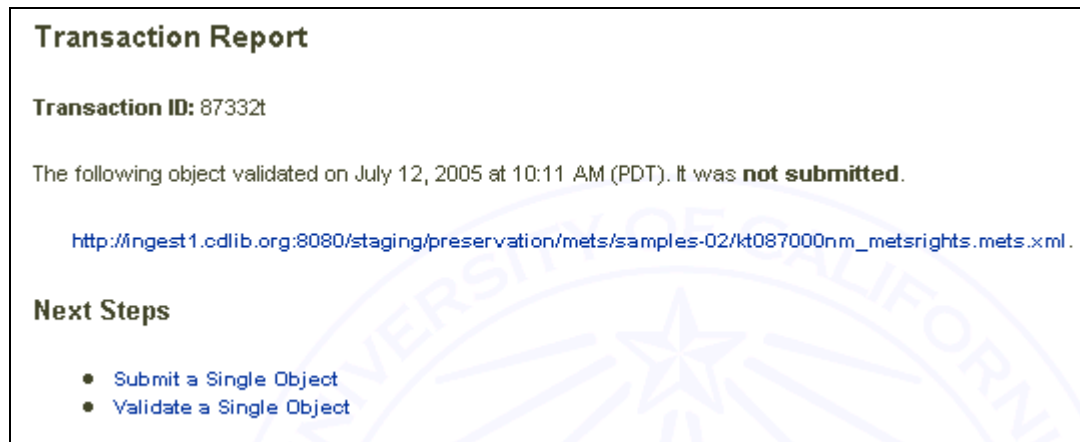


Figure 11: Transaction Report Screen for Object Validation

Choosing or Switching Inventories

If you choose a particular inventory, you are able to make submissions in that inventory only. If you wish to change inventories, you may select the [Switch Inventories](#) link.

User with Single Inventory

If you are authorized to work in only one inventory:

- It is automatically chosen for you upon login.

If you wish to submit an object:

- Click the [Submit a Single Object](#) or the [Submit Multiple Objects](#) link. You proceed directly to the [Submit a Single Object](#) or the [Submit Multiple Objects](#) screen where you can submit your object(s).

User with Multiple Inventories

If you are authorized to work in more than one inventory:

- Select the [Choose an Inventory](#) link at any point in your login session and make a selection on the [Choose Inventory](#) screen.

If you wish to submit objects:

- Click the [Submit a Single Object](#) or the [Submit Multiple Objects](#) link.
- If you have not chosen an inventory during your login session, you are taken to the [Choose an Inventory](#) screen where you make a selection and click [Choose Inventory](#).
- You then proceed to the [Submit a Single Object](#) or [Submit Multiple Objects](#) screens where you can submit your object(s).

Note: You can browse objects in any inventory in which you are a member regardless of the inventory you have chosen in your login session. However, you are only able to submit objects in the inventory that is currently chosen.

Switch Inventories The inventory in which you are working can be changed at any time during your session by clicking the [Switch Inventory](#) link in the tool bar. See [Figure 12](#).



Figure 12: Switch Inventory Group

Submitting a Single Object

Only a submitter can submit an object in a particular inventory.

- To Submit Single Object**
1. Click [Submit Single Object](#) on the [Main Menu](#) screen.
If you are a member of more than one inventory and have not chosen an inventory during your login session, the [Choose Inventory](#) screen displays. See [Figure 13](#).

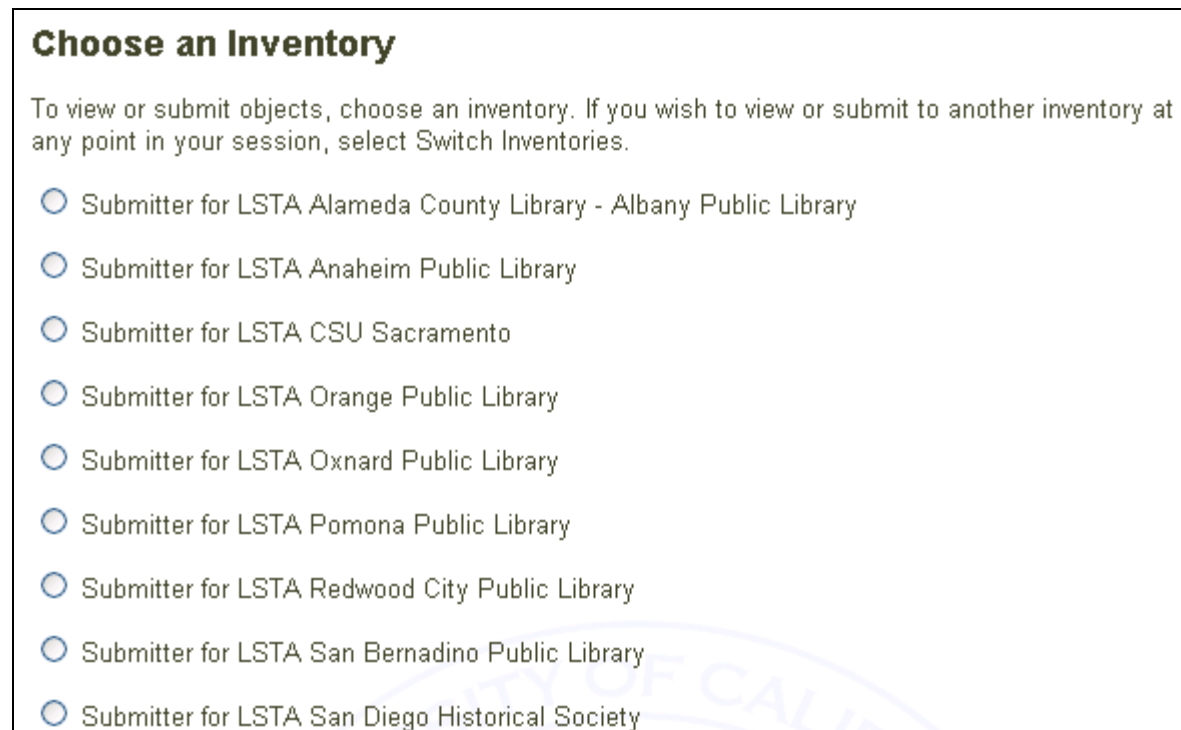


Figure 13: Choose Inventory Screen

Note: If you belong to multiple inventories, the Choose Inventory screen displays when you click Submit Single Object. If you are assigned to only one group as a submitter, the Choose Inventory screen does not display when you click Submit Single Object. Instead, you proceed directly to the Submit Single Object screen.

2. Choose the inventory to which you want to submit the object.
3. Click Choose Inventory to indicate the inventory you have chosen for submitting objects.

The Submit Single Object screen displays. See [Figure 14](#).

Submit a Single Object

You can create a new object, or add or replace a version of an existing object in a designated inventory. Submission includes validation of the METS file and the component files to which it refers.

Step 1: Insert the URL of the METS file you are submitting (required)

URL:

Step 2: Choose type of submission (required)

Add a new version of an existing object or create a new object if the Object ID has not been previously ingested.

Replace current version of an existing object.

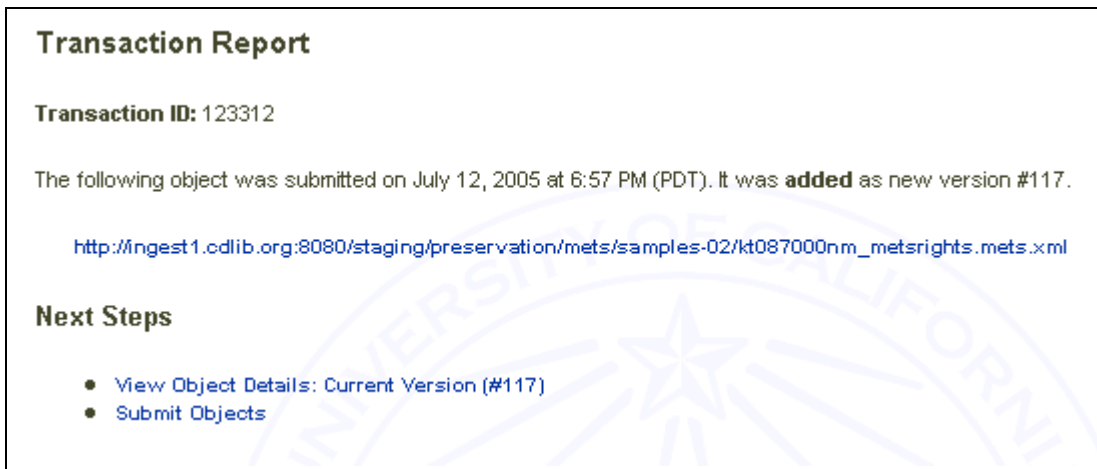
Step 3:

You are submitting this object into the following inventory: **LSTA Alameda County Library - Albany Public Library.**

Figure 14: Submit Single Object Screen

4. Follow steps 1-3 (as above in [Figure 14](#)).
 - In Step 1, insert the URL of the METS file you wish to submit.
 - In Step 2, you are given the option to add or replace the current version.
 - In Step 3, click Submit Object.

The Transaction Report screen displays, showing that the submission was successful. See [Figure 15](#) on [page 20](#).



Transaction Report

Transaction ID: 123312

The following object was submitted on July 12, 2005 at 6:57 PM (PDT). It was **added** as new version #117.

http://ingest1.cdlib.org:8080/staging/preservation/mets/samples-02/kt087000nm_metsrights.mets.xml

Next Steps

- [View Object Details: Current Version \(#117\)](#)
- [Submit Objects](#)

Figure 15: Transaction Report: Submission Successful

5. In the Next Steps section, click View Object Details link.

Note: You may also click the Submit Objects link to submit another object.

The Object Details screen displays. See Figure 16 on [page 21](#).

Object Details

Object Information

Object ID: ark:/13030/kt000002rq

Inventory: OxnardGroupA0011001

Collection: LSTAPomona

Date Created: July 1, 2005 at 12:57 AM (PDT)

Version: #2 (of 2 total versions)

Download Object (.zip file): [Metadata](#) | [Metadata and Components](#)

METS Profile: kt4g5012g0

Date Ingested: July 1, 2005 at 9:54 PM (PDT)

Dublin Core Metadata:

- Creator:** Creator unknown
- Subject:** Photograph
- Subject:** Oxnard (Calif.)
- Subject:** Portraits
- Subject:** Women
- Subject:** Oxnard Heritage Digitization Project

Description: Two unnamed women

Figure 16: Object Details Screen

6. Select one of the following:
 - Download Object (.zip file) field
 - Click either the Metadata or Metadata and Components link to view details about the object or access the object. See [Figure 16](#).
 - Components field
 - Click the link(s) at the bottom of the Version section on the Object Details screen to access the text or image file(s). See [Figure 17](#) on [page 22](#).



Figure 17: Components Field on Object Details Screen

Submission Error If there are problems submitting the object, an error screen displays the error number and transaction ID. The submission cannot be completed. See [Figure 18](#).

General Exception (1100)

Error: Jhove: Could not access component URL: <http://ingest1.cdlib.org/ascii.txt>

Transaction ID: 89164h occurred on July 12, 2005 at 10:43 AM (PDT)

If you wish to report this problem, use the [feedback form](#).

Figure 18: Error Screen

Validating Multiple Objects

Before submitting multiple objects, you may want to validate the METS files.

Note: This action does not submit the objects to the repository.

- To Validate Multiple Objects**
1. Click `validate` link under Submit Multiple Objects on the Main Menu screen. See [Figure 19](#) on [page 23](#).

Validate Multiple Objects

Before submitting objects, you have the option to validate the objects.

Step 1A: Insert the URL of the manifest file you are validating (1A or 1B is required)

URL:

OR

Step 1B: Insert the URLs of the METS files you are validating (1A or 1B is required)

Step 2:

Figure 19: Validate Multiple Objects Screen

2. You must insert one of the following:
 - URL of the manifest file you wish to validate.

Note: The manifest file enables the validation or submission of multiple objects using a single step. It is a text file that contains the URLs of the METS files that you intend to submit or validate. It should include one URL per line and avoid any extraneous characters, including spacebars.

- URLs of the METS files you wish to validate.
3. Click `Validate`.
The `Transition Report` screen displays registering validation of objects.

Transaction Report

Lot ID: m011k61

The following URLs were **validated** at July 8, 2005 at 2:08 PM (PDT). They were **not submitted**.

http://ingest1.cdlib.org:8080/staging/preservation/mets/samples-02/kt087000nm_metsrights.mets.xml
 http://ingest1.cdlib.org:8080/staging/preservation/mets/samples-02/asciitest.xml

1. **Object ID:** 13030-kt087000nm
Transaction ID: 08469b
Validation Results: Success

2. **Transaction ID:** 08475s
Validation Results: **Error: Jhove: Could not access component URL:**
http://ingest1.cdlib.org/ascii.txt

Next Steps

- [Submit Multiple Objects](#)
- [Validate Multiple Objects](#)

Figure 20: Transaction Report for Validation of Multiple Objects

Submitting Multiple Objects

Only a submitter can submit multiple objects in selected inventory.

To Submit Multiple Objects

1. Click Submit Multiple Objects on the Main Menu screen.
 If you are a member of more than one inventory and have not chosen an inventory during your login session, the Choose Inventory screen displays. See Figure 13 on [page 18](#) for an illustration of the Choose Inventory screen.
2. Select an item in the list and click Choose an Inventory. See Figure 13 on [page 18](#) for this illustration.
 The Submit Multiple Objects screen displays.
 See Figure 21 on [page 25](#).

Submit Multiple Objects

You can create new objects, or add or replace versions of existing objects in a designated inventory. Submission includes validation of the METS files and the component files to which they refer.

Step 1A: Insert the URL of the manifest you are submitting (1A or 1B is required)

URL:

OR

Step 1B: Insert the URLs of the METS files you are submitting (1A or 1B is required)

Step 2: Choose type of submission

Add new versions of existing objects or create new objects if the Object IDs have not been previously ingested.

Replace current versions of existing objects.

Step 3:

You are submitting these objects into the following inventory: **LSTA Alameda County Library - Albany Public Library.**

Figure 21: Submit Multiple Objects Screen

3. Complete the following steps on the Submit Multiple Objects screen:
 - a. In step 1A or 1B, insert one of the following:
 - URL of the manifest you are submitting

Note: The manifest file enables the validation or submission of multiple objects using a single step. It is a text file that contains the URLs of the METS files that you intend to submit or validate. It should include one URL per line and avoid any extraneous characters, including spacebars.

- URL of the METS files you are submitting.
- b. In step 2, choose the type of submission:
 - Add new versions of existing objects or create new objects.
 - Replace current versions of existing objects.
 - c. In step 3, click Submit.

The Transaction Report screen displays registering the status of the submitted objects. Figure 22 on [page 26](#).

Transaction Report

Lot ID: m011m15

The following URLs were submitted on July 8, 2005 at 2:25 PM (PDT).
Successful transactions were **added** as new versions.

http://ingest1.cdlib.org:8080/staging/preservation/mets/samples-02/kt087000nm_metsrights.mets.xml
<http://ingest1.cdlib.org:8080/staging/preservation/mets/samples-02/asciitest.xml>

- Object ID:** 13030-kt087000nm
Transaction ID: 089030
Version: 115
Status: Success
- Transaction ID:** 08905b
Status: **Error: Jhove: Could not access component URL: <http://ingest1.cdlib.org/ascii.txt>**

Figure 22: Transaction Report for Successful Submission of Multiple Objects

Maintaining and Updating Objects

Items that have already been submitted to the repository may be maintained or updated in several ways by a submitter authorized to access the inventory.

If you are a submitter, you can add or replace a version of an object in the following ways:

- On the Main Menu screen, go to the Submit Objects section and click on the Submit Single Object or Submit Multiple Objects link.
- On the Toolbar, click Submit Objects tab to go to the Submit Objects screen where you can click on the Submit Single Object or Submit Multiple Objects link.



Chapter

4

Browsing and Locating an Object

The following topics are discussed in this chapter:

- [Searching for an Object, page 27](#)
- [Browsing Objects by Inventories, page 32](#)

Searching for an Object

You may locate an object using one of the following identifiers:

- **Object ID:** Archival Resource Key (ARK), assigned as part of the pre-submission process if the object lacks an ARK.
- **Local Object ID** (optional): Unique ID entered as part of your pre-submission process.

**To Search by
Object ID**

1. Go to the Main Menu screen and the Search section. See Figure 23 on [page 28](#).

Search

Locate an object by its **identifier**

The **locate** functionality performs exact matches on identifiers.

Object ID (ARK):

ARK syntax: ark:/nnnnn/ccccccccc

To locate an object by its **Local Object ID**, **choose the inventory** to which that object belongs.

Locate an object to either **add** or **replace** versions, or to **view** or **download** a version.

Figure 23: Search: Object ID (ARK)

2. In the Object ID (ARK) field, make your entry in the form of ARK syntax: ark:/nnnnn/ccccccccc.
3. Click Locate.
The Object Details screen displays. See Figure 24 on [page 29](#).

Object Details

Object Information

Object ID: ark:/13030/kt0000098v

Inventory: Alameda-AlbanyGroupA0011001

Collection: LSTAAlameda-Albany

Date Created: July 1, 2005 at 7:01 PM (PDT)

Version: #4 (of 4 total versions)

Download Object (.zip file): [Metadata](#) | [Metadata and Components](#)

METS Profile: kt400011f8

Date Ingested: July 5, 2005 at 2:06 PM (PDT)

Dublin Core Metadata:

- Creator:** JGA
- Subject:** Ganong, Ruth Mayor
- Description:** Photograph taken in Council Chambers. Full print 21 x 17 cm.
- Description:** Donation Date: January 1994.
- Description:** Donor: Albany Historical Society.
- Description:** Folder: City Government No. 22.

Figure 24: Object Details Screen

4. Go to the Version section of the Object Details screen.
This section has four links that can be accessed.

Note: The only action a consumer can make on this screen is to click on the Metadata, Metadata and Components, and Components links and download these files.

5. Select Download Object (.zip file) field. See Figure 25 on [page 30](#).



Figure 25: Version Section of the Object Details Screen

- Click on the following links to retrieve files:
 - [Metadata](#)
 - [Metadata and Components](#)

Note: Metadata files contain important information about the object. Components are the files that comprise the digital object.

See section on “Viewing and Downloading Objects” on [page 25](#) for further information.

6. Select the Components field.
 - Click image file links. See [Figure 26 on page 30](#).

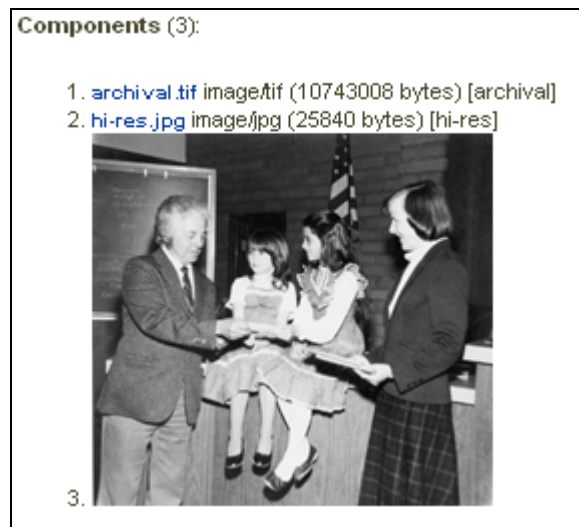
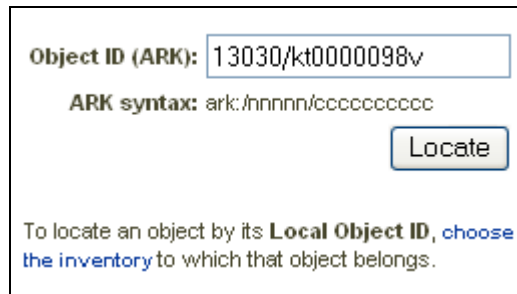


Figure 26: Components Links on Object Details Screen

To Locate an Object by Local Object ID

1. Go to the Main Menu screen.
2. In the Search section below Locate, click choose the [inventory](#) link to locate an object by its local object ID. See [Figure 27 on page 31](#).



Object ID (ARK): 13030/kt0000098v

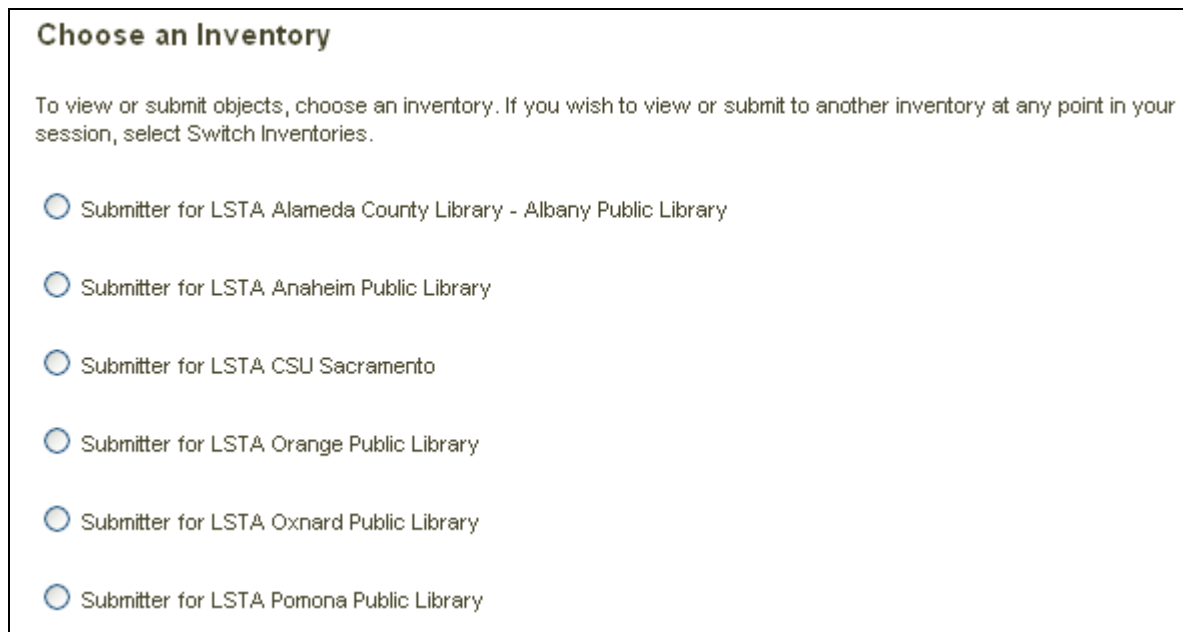
ARK syntax: ark:/hnnnnn/ccccccccc

Locate

To locate an object by its **Local Object ID**, [choose the inventory](#) to which that object belongs.

Figure 27: Choose the Inventory Link to Locate Local Object ID

The Choose an Inventory screen displays. See [Figure 28](#).



Choose an Inventory

To view or submit objects, choose an inventory. If you wish to view or submit to another inventory at any point in your session, select [Switch Inventories](#).

- Submitter for LSTA Alameda County Library - Albany Public Library
- Submitter for LSTA Anaheim Public Library
- Submitter for LSTA CSU Sacramento
- Submitter for LSTA Orange Public Library
- Submitter for LSTA Oxnard Public Library
- Submitter for LSTA Pomona Public Library

Figure 28: Choose an Inventory Screen

3. Select an inventory using the button next to the entry.
4. Click Choose an Inventory at the bottom of the screen.

You are returned to the Main Menu screen, and the Search section is configured as shown in [Figure 29](#) on [page 32](#).

There is now a field for entering your local object ID.

Search

Locate an object by its **identifier**

The **locate** functionality performs exact matches on identifiers.

Object ID (ARK):

ARK syntax: ark:/nnnnn/cccccccccc

or **Local Object ID:**

Locate an object to either **add** or **replace** versions, or to **view** or **download** a version.

Figure 29: Search: Local Object ID

5. Enter your local object Id to locate your object.

Browsing Objects by Inventories

You can browse for objects deposited in a single inventory group.

1. On the Main Menu screen, go to the Browse by Inventory section.
2. Click link on an inventory.

The Browse Objects screen displays. See Figure 30 on [page 33](#).

Browse Objects: LSTA Orange Public Library

Displaying 1-25 of 973 objects. [View next page](#)

Descriptive Metadata	Actions
1. 1917-04-18 Object ID: ark:/13030/kt00000959	View Details: Current Version (#2) July 12, 2005 Download Object (.zip file): Metadata Metadata and Components
2. ca. 1915 Object ID: ark:/13030/kt0000096t	View Details: Current Version (#1) July 12, 2005 Download Object (.zip file): Metadata Metadata and Components

Figure 30: Browse Objects Screen

3. Select an item in the Descriptive Metadata column and go to the Actions column.
4. Select the View Details field.
 - Click the Current Version link.
The Object Details screen displays. See Figure 16 on [page 21](#).
5. Select Download Object (.zip file) field.
 - Click on Metadata or Metadata and Components link to download files.

Chapter

5

Viewing and Downloading Objects

The Browse Objects and Object Details screens allow you to click on a link and access either Metadata or Metadata and Components. See [Figure 31](#) below and [Figure 32](#) on [page 36](#).

Browse Objects: LSTA Orange Public Library

Displaying 1-25 of 973 objects. [View next page](#)

Descriptive Metadata	Actions
<p>1. 1917-04-18 </p> <p>Object ID: ark:/13030/kt00000959</p>	<p>View Details: Current Version (#2) July 12, 2005</p> <p>Download Object (.zip file): Metadata Metadata and Components</p>
<p>2. ca. 1915 </p> <p>Object ID: ark:/13030/kt0000096t</p>	<p>View Details: Current Version (#1) July 12, 2005</p> <p>Download Object (.zip file): Metadata Metadata and Components</p>

Figure 31: Browse Objects Screen

Object Details

Object Information

Object ID: ark:/13030/kt0000098v

Inventory: Alameda-AlbanyGroupA0011001

Collection: LSTA,Alameda-Albany

Date Created: July 1, 2005 at 7:01 PM (PDT)

Version: #4 (of 4 total versions)

Download Object (.zip file): [Metadata](#) | [Metadata and Components](#)

METS Profile: kt400011f8

Date Ingested: July 5, 2005 at 2:06 PM (PDT)

Dublin Core Metadata:

Creator: JQA

Subject: Ganong, Ruth Mayor

Description: Photograph taken in Council Chambers. Full print 21 x 17 cm.

Figure 32: Object Details Screen

- Downloading**
1. Click the links on either [Metadata](#) or [Metadata and Components](#) to retrieve files.

Notes: Remember that the object is composed of metadata and component files.

The only action a consumer can make on this screen is to click on the [Metadata](#) or [Metadata and Components](#) links and download these files. The other functionality is not visible to the consumer.

Note: [Metadata](#) files contain important information about the object. [Components](#) are the files that comprise the digital object.

2. You can download the metadata only or the metadata along with the component files. In either case, the full set of metadata files—AIP (Archival Information Package), DIP (Dissemination Information Package), SIP (Submission Information Package), and Dublin Core—is included in the downloaded set.

Note: Install decompression software (for example, WinZip, StuffIt Expander) to access these files.

3. If you click on Metadata and Components link, you unzip the files and see the following metadata and components files. See [Figure 33](#).

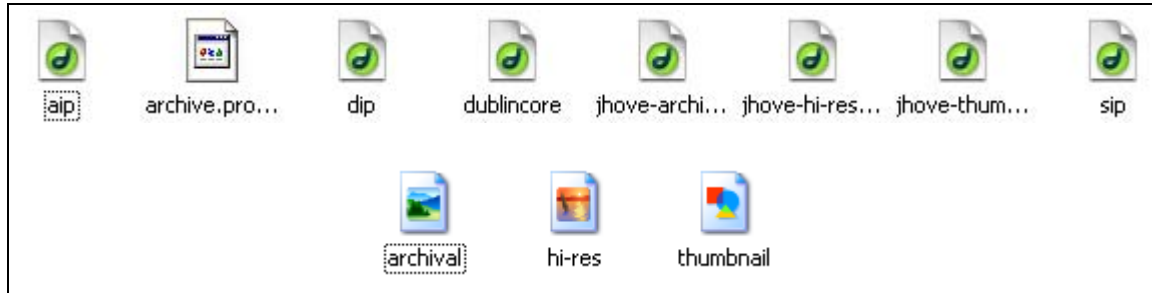


Figure 33: Metadata and Components Download

4. Download the image files in the Components field by clicking on the .tif or .jpg file links shown in [Figure 34](#).

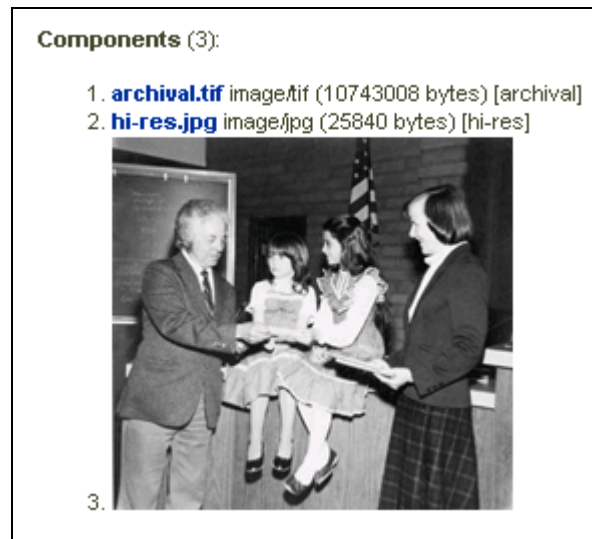


Figure 34: Components Field on Object Details Screen

Appendix Error Codes

This appendix shows possible interface errors.

Table 2: Error Codes

Error Code #	Status Message	Explanation
100	Attempt to Add Inconsistent Object	The attempt to create/update an object is inconsistent with an existing object.
101	Invalid Agreement ID	Invalid agreement ID is found.
102	Invalid Collection ID	Invalid collection ID is found.
103	Invalid Service ID	Invalid service ID is found.
104	Invalid Access Group ID	Invalid access group ID is found.
105	Invalid User ID	Invalid user ID is found.
110	Object Does Not Exist	Object being updated does not exist. Note: You might have designated replace as the ingest option, but there is no object in the repository to be replaced.
111	Identifier Conversion Error	Identifier could not be converted to an object ID.
112	Component Does Not Exist	Requested component does not exist.
113	Client Get Components Error	Client cannot find components.
114	No Version Found	Version data must exist for this operation.
120	SQL Exception	Error is caught SQL exception.
130	Instantiation Error	This error registers the attempt to execute code that has not been written.
140	Storage Manager Copy Error	Copy error is registered from Storage Manager.
141	Storage Manager Write Error	Write error is registered from Storage Manager.

Table 2: Error Codes (Continued)

Error Code #	Status Message	Explanation
142	Storage Manager Read Error	Read error is registered from Storage Manager.
143	Storage Manager Remove Error	Remove error is registered from Storage Manager.
144	Storage Manager Connection Error	Connection error is registered from Storage Manager.
150	File Manager Creates Temporary Error	Temporary error is created by File Manager.
160	User not authorized	User is not authorized for this function.
161	Log in failed	Authentication is not successful for this user.
200	Ingest Parse Error	Error is made in parsing SIP.
210	Ingest Validation Error	Error is made in AIP validation. Note: You need to review the encoding of the METS file.
230	Ingest Ingestor Error	Error is made in AIP ingestion.
300	Query Parse Error	Error is made in parsing query.
801	General Text Indexing Exception	Exception during Text Index Manager processing
802	Text Missing Input	Text Index Manager: Text to be indexed is missing.
804	Invalid Value in Text Indexing Map	Map contains something other than strings for the keys or values
901	Client Misc Error	Miscellaneous error is registered.
902	Client Create Object Error	Error is made in creating object.
903	Client Get Object Error	Error is made in finding object.
905	Client Side Requester Not Found	Error is made in locating requester.
910	Client Side Requester Parameter Misc Error	Error is found in parameter received from UI.
915	Client Requester Misc Error	Error made by requester.

Table 2: Error Codes (Continued)

Error Code #	Status Message	Explanation
970	Client Received Badly Formed SOAP	Incorrectly formatted SOAP is received.
980	Client Received SOAP Fault	SOAP fault is received.
990	Client Received Server Timeout	Error is caused by endpoint server timeout.
1000	Unimplemented code	Framework is unable to instantiate code.
1001	Invalid Parameter	Parameter is not provided (or invalid format is found).
1002	A Required Parameter is Missing	Required parameter value is missing (for example, missing property or NULL value supplied).
1003	Required Property Missing	Required property value is missing or invalid.
1070	SOAP Exception	Unspecified error is found in processing SOAP.
1080	ID Manager Mint Error	Problem is found with minter.
1089	No File at This URL	There is no file at this URL. Note: Review your typing of the URL; there may be an error.
1090	Error in the HTTP Connection	Unspecified error is found in HTTP connection.
1100	General Exception	Unspecified exception is found.

