



# **KODAK Image Access SDK Version 2.0 Test Tool Guide**

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## 1. Introduction

The KODAK Image Access SDK Test Tool lets developers verify that the development environment is installed and configured correctly. In addition, this Test Tool provides an introduction to the Application Programmer's Interface (API), letting the developer run each method.

The KODAK Image Access API consists of the following methods:

Method	Description
Connect()	Establishes a new session using a name and password.
Reconnect()	Reconnects a disconnected or timed-out session with cached name / password.
Disconnect()	Terminates the current session.
ValidateFulfillmentSystemUser()	Verifies that the provided user information is acceptable to the server. Do this prior to populating user information in the COS file.
GetNewOrderID()	Requests a new unique orderID from server.
SubmitCOSFile()	Submits a file to the server.
GetOrderStatus()	Checks the status of an orderID. Returns Not Found or Received.
GetServerVersion()	Retrieves the version of the server.
AreICCProfilesSupported()	Verifies that embedded ICC profiles are honored.
GetOrders()	Retrieves a list of all orders on the server matching some criteria. For DLS, this method cannot filter on status or orderID unless the orderID has been retrieved from a previous GetOrders call.
GetOrdersByCustomer()	Retrieves a list of all orders on the server for a given customer.
GetOrdersByDateRange()	Retrieves a list of orders on the server for a customer within the specified date range.

<b>Method</b>	<b>Description</b>
GetOrdersByStatus()	Retrieves a list of all orders on the server for a given customer and with the specified status. For DLS, the status filter is ignored.
GetOrdersByOrderID()	Retrieves a list of all orders on the server for a given customer and with the specified orderID. For DLS, the orderID must be an orderID previously returned by GetOrders().
GetAvailableLocales()	Retrieves a list of the available locales on the server.
GetLocale()	Retrieves the current locale of this session.
SetLocale()	Sets the locale of this session.
GetAvailableProducts()	Retrieves a list of print products supported by the server.
GetAvailableOutputs()	Retrieves a list of outputs supported by the server. Outputs are non-print products such as photoCD or Archive.
GetImageRefs()	Retrieves a list of images in an order.
GetImages()	Downloads the specified images.
GetImage()	Downloads a single image.
GetLowResImage()	Downloads a single low-resolution image.
GetHighResImage()	Downloads a single full-resolution image.
GetLowResImages()	Download multiple low-resolution images.
GetHighResImages()	Download multiple full-resolution images.
GetTimeToComplete()	Retrieves the time, in seconds, expected to take before order completion.
GetOrdersAdmin()	Retrieves orders for all customerIDs. For DLS, this method cannot filter on status or orderID if the orderID has not been previously retrieved from a GetOrders call.

Within the Test Tool, each method is shown in a simple test environment. Refer to the *KODAK Image Access Client SDK Version 2.0 Developer's Guide* for more details on each method.

## **2. Using the Test Tool**

### **Hardware and Software Requirements**

- 256 MB RAM (SUN SOLARIS)

or

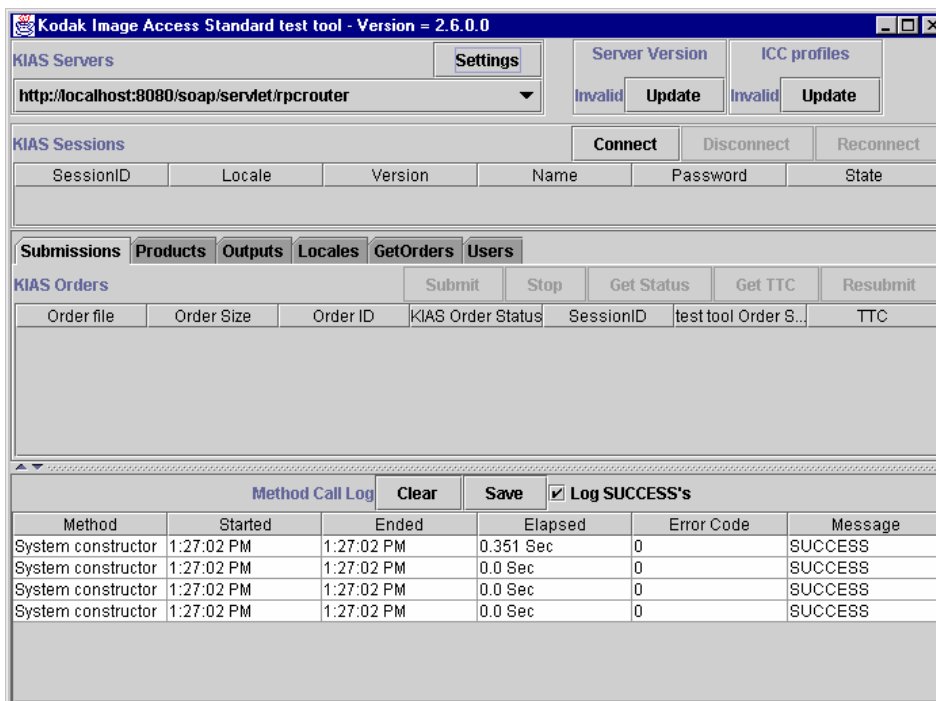
- 128 MB RAM (WINDOWS)
- 16 MB of available disk space for JRE
- 2 MB of available disk space for Test Tool installation
- Sufficient disk space available to store digital images and orders. We recommend a minimum of 1 GB.
- JRE 1.3.0
- Sample COS files. These files are found on the KODAK Image Access Client SDK Version 2.0 CD in the SampleCosFiles folder.
- CD-ROM drive
- WINDOWS 95 OSR25, WINDOWS 98 Second Edition, NT Workstation 4.0 with Service Pack 5, WINDOWS 2000 Professional with Service Pack 1, or SUN SOLARIS 8 (SPARC Platform Edition)

## Automatic Installation and Startup for WINDOWS

1. Verify that clientLib and SUN JRE 1.3.0 are installed.
2. If you intend to connect to a server via SSL / HTTPS, verify that JSSE 1.0.2 is installed.
3. Verify that KiasTestTool.jar is in the same folder as KIASClientLib.jar on your system.
4. Verify that the environment variable in Testtool.bat reflects the location of these jar files.
5. Start the Test Tool from the Start menu, by selecting Start -> Programs -> KIAS -> Start KIAS TestDriver or by executing Testtool.bat.

The following activities occur:

- The test client reads stored settings from the KiasTestClient.ser file located in the same folder as Testtool.bat.
- If the KiasTestClient.ser file is not present, it is created automatically and initialized to hold the URL of the localhost and the current user's home directory for image files.
- The Test Tool starts running and displays the Test Tool Main Screen. When the test client first starts, all buttons except Connect, Server Version Update and ICC Profiles Update are inactive because no sessions have been established.



- The version of the Test Tool is displayed in the title bar.
- A KIASSystem object was created for each URL in the settings. For this example, four URLs and a corresponding success message display.

## **Manual Installation: JAVA Library Installation (WINDOWS and SOLARIS )**

1. Install the JRE (for a user) or JDK (for a developer)
  - a. If you are a developer, the JDK may have already been installed as part of your development environment. Verify the version by typing `java -version` at the command line. Version 1.3.0 should be returned. If you don't have version 1.3.0, upgrade your development environment or continue with the next step.
  - b. Download and install Sun's JRE 1.3 per the instructions on SUN's website (<http://java.sun.com>).
  - c. Type `java -version` at the command line and press **Enter**. The system should return java versions "1.3.0" if the installation was successful.
2. Install the KODAK Image Access Client Library
  - a. Create a new directory to hold the .jar files. For example: `C:\kias\jars` (WINDOWS) or `/export/home/software/kodak/kias/jars` (SOLARIS).
  - b. Copy the .jar files: `KIASClientLib.jar`, `xerces.jar`, `soap.jar`, `mail.jar` and `activation.jar` to the directory (WINDOWS). Unpack the UNIX .tar file from the UNIX directory on the CD to the new directory created in Step 2a above. For example, `tar xvf/cdrom/<CDVolumenumber>/UNIX/install.tar`, where `CDVolumenumber` is the volume ID of the CD (SOLARIS).
  - c. Remember the directory, as you will have to specify it as part of the classpath when running an application.

## **Manual Installation: Installing and Running the Test Tool**

1. Complete installation of the Java KODAK Image Access library.
2. Copy `KIASTestTool.jar` to `C:\kias\jars` (WINDOWS) or `/export/home/software/kodak/kias/jars` (SOLARIS).
3. Copy the startup script, `testtool.bat` (WINDOWS) or `testtool.sh` (SOLARIS) to a directory.

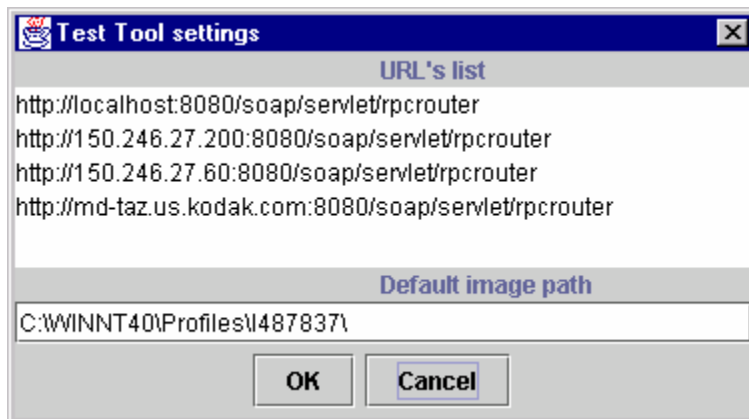
Note: If you have installed your .jar files in locations other than the example, you will have to modify our startup script or write your own. Refer to the prior section for instructions on how to write a startup script.

4. Change to the directory specified in step 3 above, or make sure that it is in your path.
5. On SOLARIS make the script executable (`chmod +x testtool.sh`).
6. Execute the startup script.

## Settings

Customize the Test Tool settings.

1. Click **Settings** to display the settings dialog box.



2. Set your server URLs. The URLs list box in the center of the dialog contains a list of URLs for those servers that you plan on connecting to. The list defaults to a single entry for a server running on the same computer as the client. To add an additional URL, add a new line at the bottom of the list containing the correct URL. Each URL that is entered here is reflected in the combo-box labeled Servers at the top left of the Test Tool Initial screen as soon as you exit the dialog.
3. Set the default folder for image downloads. The bottom edit box of the dialog contains a folder name for the storage of any downloaded images. It defaults to the current user's home directory.

## Connecting

1. Click **Connect** from the Test Tool Main Screen to display the Server Login window.

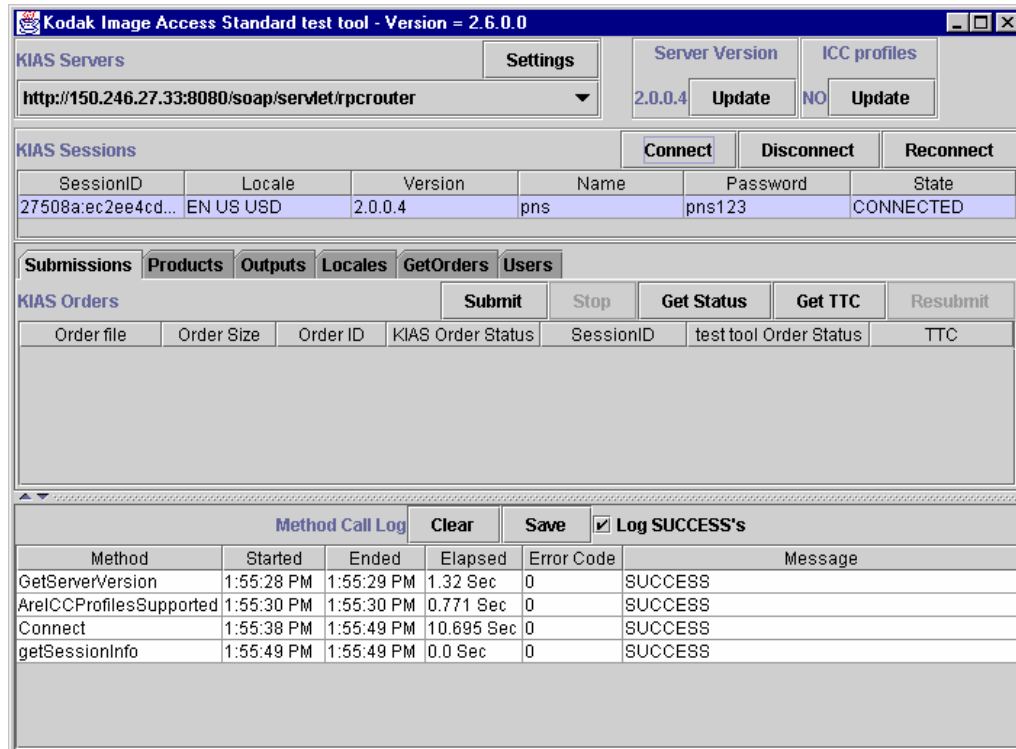


The image shows a dialog box titled "Kodak Image Access Server Login". It has a blue header bar with the title and a close button (X) on the right. Below the header, there are two text input fields. The first field is labeled "Name" and the second field is labeled "Password". At the bottom of the dialog box, there are two buttons: "OK" and "Cancel".

2. Type your user name and password.
3. Click **OK** to call the connect method and establish a test session.

## Understanding the Test Tool Main Screen

The Test Tool Main Screen is divided into four areas: the Server Area, Session Area, Work Area, and Method Call Log Area.



### Server Area

This area is at the top of the screen and consists of the following fields and buttons:

Field/Button	Purpose
Servers	Displays the http address of the server. Click the drop-down button at the right end of this field to display a list of all the servers.
Server Version field and Update button	Click the Update button to retrieve the current server version.
ICC profiles field and Update button	Click the Update button to retrieve the ICC profiles information.
Settings button	Click to edit the settings of the Test Tool.

**Session Area**

This area is below the Server Area and consists of the following fields and buttons:

<b>Field/Button</b>	<b>Purpose</b>
SessionID	The ID of each established session on the specified server.
Locale	The locale of the session. This is not updated by calling GetLocale, as it displays the locale originally returned by the Connect call.
Version	The version information for the session. This field is not updated by calling GetServerVersion, as it displays the version originally returned by the Connect call.
Name	The name passed from the Connect call.
Password	The password passed from the Connect call.
State	The state of the session. Valid states are: connected, disconnected and timed out.
Connect button	Establishes a session with the server currently selected in the Server drop down list. You can establish multiple sessions at once and establish sessions on different servers concurrently. The list of sessions displayed is relative to the selected server.
Disconnect button	Disconnects a session.
Reconnect button	Reconnects a session.

**Work Area**

The work area is the center of the screen. It contains the following tabs that activate the corresponding methods:

<b>Tab</b>	<b>Method(s)</b>
Submissions	SubmitCosOrder, GetStatus, GetNewOrderID and GetTimeToComplete
Products	GetAvailableProducts
Outputs	GetAvailableOutputs
Locales	GetAvailableLocales, GetLocale, SetLocale
GetOrders	GetOrders, GetImageRefs, GetImage/s, GetLow/HighResImage/s
Users	ValidateUser

### **Method Call Log Area**

The method call log area at the bottom of the screen displays a new line each time a client library method is called, or if there is an internal Test Tool error. Each line contains columns for method name, start time, end time, elapsed time, error code, and error message. The columns are resizable. There are buttons for clearing and saving the call log. There is a check box for suppressing the logging of successful calls. If checked, the call is initially logged, then when it returns with success, it is purged from the log.

### **Using the Submission Tab**

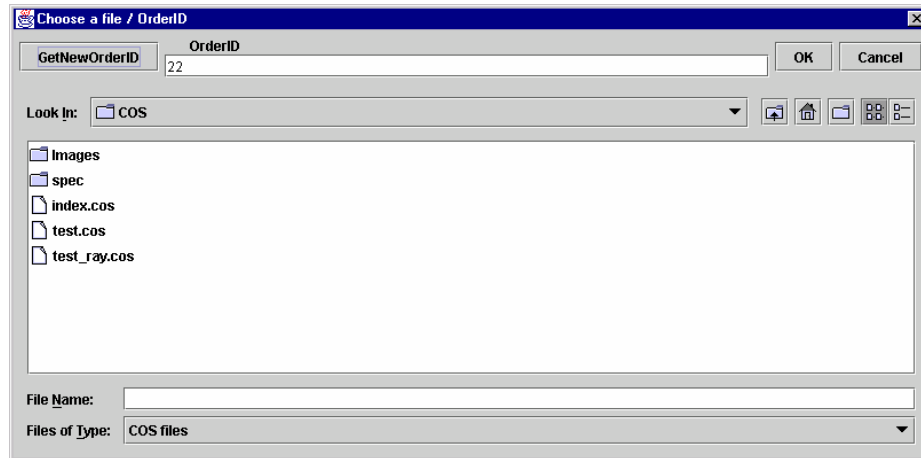
Use the Submission tab to submit a COS file, cancel the submission of an order, resubmit a partially sent file, and retrieve order status information.

Fields and buttons in the order submission area include:

<b>Field/Button</b>	<b>Purpose</b>
Order file	The name of the file that was submitted.
Order size	The size of the file for the order.
Order Status	The status of the order as returned by GetStatus.
SessionID	The session that was used to submit the order.
Test Tool Order Status	The status as tracked by the Test Tool. Valid states are: Submitting, Partial, Sent, Error – Not Sent.
TTC	Time to Complete. This field is not implemented for DLS at this time.
Submit button	Submits the selected order.
Stop button	Halts the sending of an order and places the order into the "PARTIAL" status.
Get Status button	Click Get Status to call GetOrderStatus() on the selected order. This updates the Order Status field in the orders table for that order.
Get TTC button	This button is not implemented for DLS at this time.
Resubmit button	Resubmits the selected order. SubmitCOSFile() is called again, but with the same OrderID as the failed prior submission returned. This engages the partial upload feature, and with the cooperation of the server, only those bytes of the file that weren't sent earlier are sent.

### Submitting a COS file

1. Click the Submissions tab on the Test Tool Main screen.
2. Click **Submit** to display the Choose a file / OrderID screen.

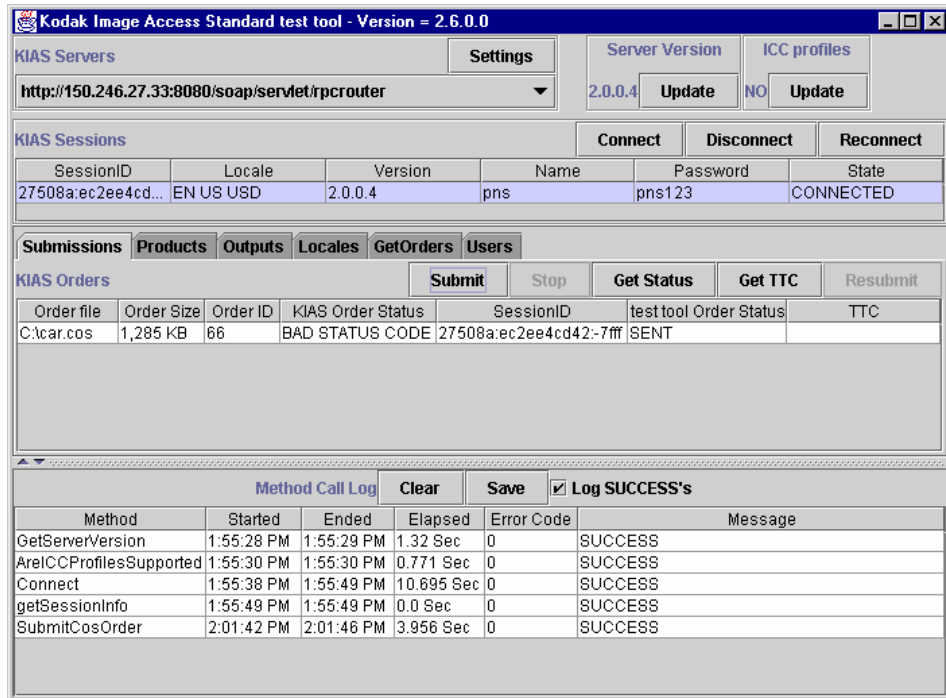


3. Request an orderID from the server, or make up one and type it in the OrderID box.

Getting an orderID is optional. If you do not specify one, the ClientLib is required to get one for you

4. Select a COS file to submit.

- Click **OK** to call SubmitCOSFile to send the file to the server.  
 A new row is added to the submitted orders table.



After the file has been fully sent, the Client Order Status should be SENT.

The valid Client Order Statuses are:

Status	Description
SUBMITTING	File is currently being sent.
SENT	The file has been completely sent.
PARTIAL	Error. The file was only partially submitted.
ERROR - NOT SENT	Error. The file was not sent.

### ***Canceling an Order Submission***

Once you have begun the submission process for an order, you can stop that process.

1. Verify that the Client Order Status in the order submission table is SUBMITTING.
2. Select the order by clicking on it in the order submission table.
3. Click **Stop**.

This puts the order into the PARTIAL state.

The Stop button calls Disconnect() on the session that the order is being submitted. Clicking Stop is the same as clicking Disconnect except that Disconnect always disconnects the current session rather than the one being used for submission. If you only have one session, these are always the same, but if you have more than one session it is possible to change sessions during a submission.

### ***Resubmitting a Partially Sent File***

To resubmit a file that had an error during submission:

1. Verify that the Client Order Status in the order submission table is PARTIAL.
2. Select the order by clicking it in the order submission table.
3. Verify that you have a connected session. If necessary, click Reconnect.
4. Click Resubmit to begin resubmission of the selected order.

Resubmit calls SubmitCOSFile() again, but with the same OrderID as the failed prior submission returned.

Resubmitting a partially sent file engages the partial upload feature, and with the cooperation of the server, only those bytes of the file that weren't sent earlier are sent. Before clicking Resubmit, be sure that you have an active session. It is easy to click Stop or Disconnect to terminate a submission and then forget to reconnect when you want to resume. After a session has been disconnected, select the Reconnect button to reestablish the session.

### **Updating Order Status**

Click Get Status to call GetOrderStatus() on the selected order. This updates the Order Status field in the orders table for that order.

To query the status of an order that does not show up on the orders table, make sure that no orders are selected. Ctrl-click to deselect a selected order. If no orders are selected when Get Status is pressed, a dialog asks you to manually type an OrderID. This new OrderID is then added to the orders table and its order status is requested.

The only valid Order Statuses are:

<b>Status</b>	<b>Description</b>
OS_NOTFOUND	OrderID was not found in the Order Database.
OS_RECEIVED	Order has been received by server, but not processed yet.
OS_INPROCESS	Order is being processed.
OS_COMPLETED	Order has successfully been processed.
OS_CANCELLED	Order was cancelled by the server operator.
OS_INVALID	The order file is invalid.
OS_CREATED	The orderID was found in the Order Database but no other state has been reached yet.
BAD STATUS CODE	This isn't a proper Order Status. It is shown if GetStatus hasn't been called yet or if an unrecognized status code is returned.

## Products Tab

The Products tab contains the GetAvailableProducts button, which displays available products in the products table.

The screenshot shows the 'Kodak Image Access Standard test tool - Version = 2.6.0.0' window. The 'Products' tab is selected, and the 'GetAvailableProducts' button is highlighted. Below the button is a table of available products. At the bottom, the 'Method Call Log' shows a list of successful API calls.

**Kodak Image Access Standard test tool - Version = 2.6.0.0**

**KIAS Servers**  Server Version: 2.0.0.4  ICC profiles: NO

**KIAS Sessions**

SessionID	Locale	Version	Name	Password	State
27508aec2ee4cd...	EN US USD	2.0.0.4	pns	pns123	CONNECTED

**Submissions** **Products** **Outputs** **Locales** **GetOrders** **Users**

**Available Products**  Language: Country: Currency:

ProductID	Description	Page Width	Page Height	Image Width	Image Height	Length Unit	Locale	Optimal Wres	Optimal ...
4x6	4x6	4.0	6.0	4.0	6.0	Inch		0	0
4x7	4x7 HDTV	4.0	7.0	4.0	7.0	Inch		0	0
4x8	4x8	4.0	8.0	4.0	8.0	Inch		0	0
4x10	4x10 Shor...	4.0	10.0	4.0	10.0	Inch		0	0
4x11.5	4x11.5 Lo...	4.0	11.5	4.0	11.5	Inch		0	0

**Method Call Log**    Log SUCCESS's

Method	Started	Ended	Elapsed	Error Code	Message
GetServerVersion	1:55:28 PM	1:55:29 PM	1.32 Sec	0	SUCCESS
AreICCProfilesSupported	1:55:30 PM	1:55:30 PM	0.771 Sec	0	SUCCESS
Connect	1:55:38 PM	1:55:49 PM	10.695 Sec	0	SUCCESS
getSessionInfo	1:55:49 PM	1:55:49 PM	0.0 Sec	0	SUCCESS
SubmitCosOrder	2:01:42 PM	2:01:46 PM	3.956 Sec	0	SUCCESS
GetAvailableProducts	2:03:21 PM	2:03:22 PM	1.402 Sec	0	SUCCESS

The Products Table contains the following fields and buttons:

<b>Field/Button</b>	<b>Purpose</b>
Product ID	Displays the ID of the product.
Description	Describes the product.
Page Width	Identifies the page width specified for this Product ID.
Page Height	Identifies the page height specified for this Product ID.
Image Width	Identifies the image width for this Product ID.
Image Height	Identifies the image height for this Product ID.
Length Unit	Inch or mm, the units used for the width/height fields,
Locale	Displays the locale returned for this Product ID.
Optimal Wres	Displays the server's preferred image size, in pixels. A value of zero equals unknown.
Optimal Hres	Displays the server's preferred image size, in pixels. A value of zero equals unknown.
GetAvailableProducts button	The available products are retrieved and displayed in the products table.

## Outputs Tab

The Outputs tab contains the GetAvailableOutputs button, which displays available outputs in the outputs table.

**Kodak Image Access Standard test tool - Version = 2.6.0.0**

**KIAS Servers** Settings Server Version: 2.0.0.4 Update ICC profiles: NO Update

Server URL: <http://150.246.27.33:8080/soap/servlet/rpcrouter>

**KIAS Sessions** Connect Disconnect Reconnect

SessionID	Locale	Version	Name	Password	State
27508aec2ee4cd...	EN US USD	2.0.0.4	pns	pns123	CONNECTED

**Submissions Products Outputs Locales GetOrders Users**

Available Outputs: **GetAvailableOutputs** Language Country Currency

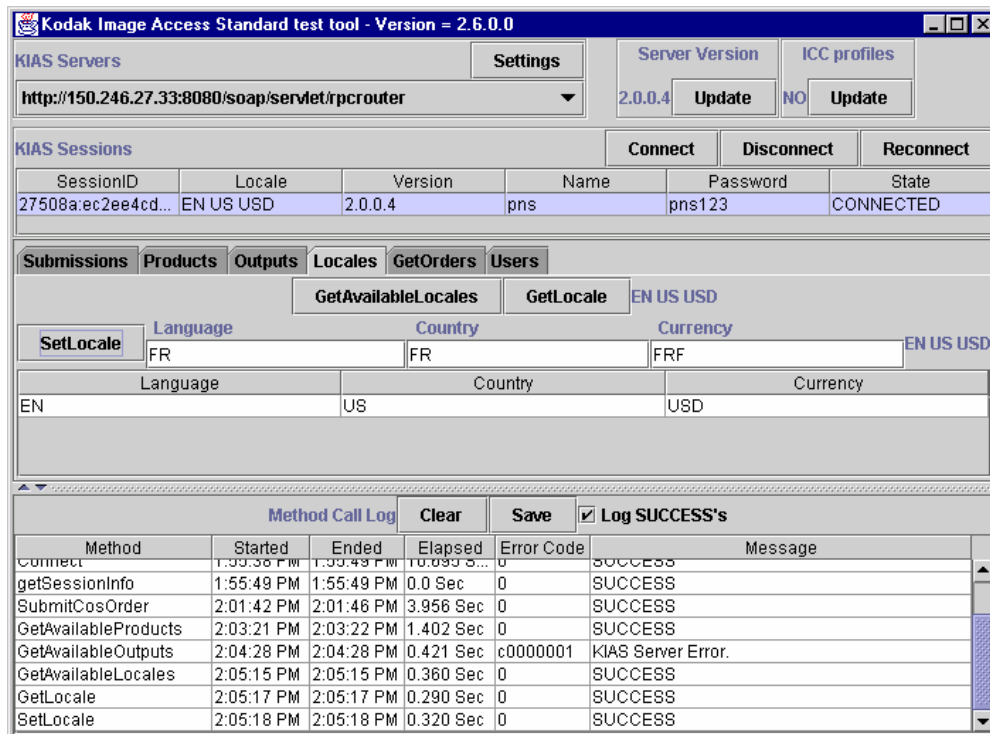
OutputID	Description
Archive	Store it
GenericCD	Generic CD
PictureCD	Kodak Picture CD

**Method Call Log** Clear Save  Log SUCCESS's

Method	Started	Ended	Elapsed	Error Code	Message
GetOrders	2:08:42 PM	2:08:43 PM	0.842 Sec	0	SUCCESS
getOrderInfo	2:08:43 PM	2:08:43 PM	0.0 Sec	0	SUCCESS
getOrderInfo	2:08:43 PM	2:08:43 PM	0.0 Sec	0	SUCCESS
GetImageRefs	2:09:28 PM	2:09:32 PM	4.226 Sec	0	SUCCESS
GetImages	2:09:52 PM	2:12:40 PM	168.302 ...	0	SUCCESS
GetAvailableOutputs	2:16:59 PM	2:16:59 PM	0.290 Sec	0	SUCCESS

## Locales Tab

The Locales tab contains the three locale-related methods: GetAvailableLocales, GetLocale, and SetLocale.



### Retrieving the Available Locales

Click the GetAvailableLocales button to complete the locales table with the available locales.

Field/Button	Purpose
Language	Displays the language of the available locale, using the ISO 639 two character code.
Country	Displays the country of the locale, using the ISO 3166 two character code.
Currency	Displays the currency of the locale, using the ISO 4217 three character code.
GetAvailableLocales button	Retrieves a list of the available locales on the server.
GetLocale button	Retrieves the current locale of this session.
SetLocale button	Sets the locale of this session as close as possible to the request.

### Retrieving the Server Locale

Click GetLocale to retrieve the current Server local. The returned value is displayed to the right of GetLocale.

### Setting a Locale

Enter the three SetLocale parameters to the right of SetLocale. Click SetLocale to take a locale as a parameter. The returned locale, displayed to the right of the input parameter, should be one of the locales from the available locales table. More specifically, it should be the locale that was the closest match to the locale requested in the parameter. If there is no good match, the default from the available locales is used. The current default locale is EN (English).

### GetOrders Tab

The GetOrders tab contains three tables and several buttons.

OrderID	CustomerID	OrderID	Description	Time	ImageCount	Name	Password	StartTime	EndTime	Status	OrderID
1	Tal	84.1		Feb 22, 2003 12:30:49 PM -1		Tal		Dec 31, 1968 7:00:00 PM	Dec 31, 1968 7:00:00 PM	OS_MOTT	
2	Tal	85.1		Feb 22, 2003 12:31:39 PM -1		Tal		Dec 31, 1968 7:00:00 PM	Dec 31, 1968 7:00:00 PM	OS_MOTT	

Method	Started	Ended	Elapsed	Error Code	Success	Message
getOrders	2:07:07 PM	2:07:08 PM	0:01:00	0	0	SUCCESS
getOrders	2:08:42 PM	2:08:43 PM	0:00:01	0	0	SUCCESS
getOrders	2:08:43 PM	2:08:43 PM	0:0:00	0	0	SUCCESS
getOrders	2:08:43 PM	2:08:43 PM	0:0:00	0	0	SUCCESS
getImages	2:08:20 PM	2:08:32 PM	4:128:00	0	0	SUCCESS
getImages	2:08:37 PM	2:12:48 PM	189:107:00	0	0	SUCCESS

### Querying Orders

The Get Orders tab is used to query the server for orders. The following buttons appear on this tab and are used to retrieve orders.

Button	Purpose
Download Images	Used after GetOrders has been called and one of the returned orders has been selected. Download Images enters the parameters for the images that you want to download.
GetImageRefs	Used after GetOrders has been called and one of the returned orders has been selected. This button fills in the Image Reference table with the Image ID, Resolution, and Description.
GetOrders	Retrieves a list of all orders on the server matching the specified criteria.
ByCustomer	Retrieves a list of all orders on the server with a matching name and password.
ByDateRange	Retrieves a list of all orders on the server with a matching name, password and date range.
ByStatus	Retrieves a list of all orders on the server with a matching name, password and status.
ByOrderID	Retrieves a list of all orders on the server with a matching name, password and order ID.
GetOrdersAdmin	The same as the GetOrders button, except the name and password fields are ignored. You must be signed in with the administrative ID to use this button.

To query an order:

1. Enter the parameters for your query. The six parameters have an implied AND between them.

Parameter	Purpose
Name	Enter your name.
Password	Enter your password.
StartTime	The StartTime field is an integer. Click the StartTime button to display a time entry dialog.
EndTime	The EndTime field is an integer. Click the EndTime button to display a time entry dialog.

<b>Parameter</b>	<b>Purpose</b>
Status	The Status field is also an integer. The values are intended to be restricted to members of the Status enumeration, but the user can enter any integer. A combo box is provided, with the valid status field entries listed for selection.
Order ID	The orderID field is a string. However, in the case of DLS, the server tries to convert this string to an integer. The orderID is the ID used by archive; at the moment this ID is distinct from that used by the OrderManager and KODAK Image Access Client submit. The user cannot type an ID here that was returned by GetNewOrderID or SubmitCosOrder – they are different orderIDs.

2. Click GetOrders to retrieve the orders that match the parameters.

The orders are displayed in the GetOrders Table. This table is unique in that it is never cleared. Each time you call GetOrders, the results are added to this table.

The table contains the following fields:

<b>Field</b>	<b>Description</b>
Req #	A count of the number of times GetOrders has been called. This field is used to distinguish one set of results from the next when comparing the results of multiple queries.
CustomerID	Returned by the GetOrders call.
OrderID	Returned by the GetOrders call.
Description	The description of the order, returned by the GetOrders call.
Time	The time of the order, returned by the GetOrders call.
Name	The name entered for the query.
Password	The password used for this query.
StartTime	The start time parameter used for this query.
EndTime	The end time parameter used for this query.
Status	The status used for this query.
Req OrderID	The requested OrderID for this query.

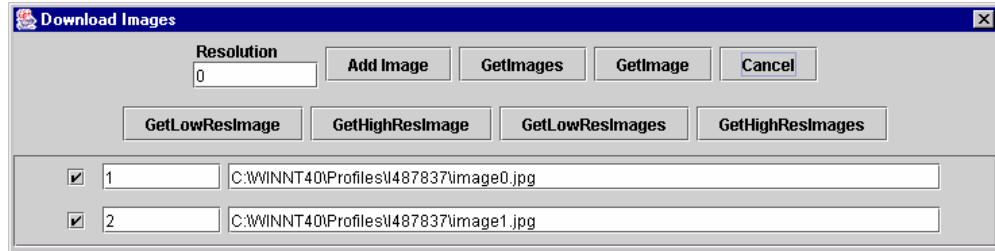
### ***GetImageRefs***

After GetOrders has been called and one of the returned orders has been selected, GetImageRefs and DownloadImages buttons become active. Clicking GetImageRefs fills in the ImageRefs table. There are three fields on this table:

<b>Field</b>	<b>Description</b>
Image ID	Identifies the image returned by the GetImageRefs call. ImageID should be unique within a specific order.
Resolution	The resolution of the image. Resolution should be the actual longest dimension of the image in pixels, 0 if unknown.
Description	Description should be a description of the image. With DLS, this should be the user backprint message.

### Download Images

Click Download Images to enter the parameters for the images that you want to download.



The available fields and buttons are:

Fields/Buttons	Description
Resolution	The resolution defaults to the resolution of the first image from the most recent call to GetImageRefs.
Check box	Used to select the image(s) for download. Defaults to enable (checked).
ImageID	Defaults to the actual ImageID returned by the last call to GetImageRefs.
Destination Path	Defaults to the contents of the imagepath.txt file with imagecount.jpg appended.
Add Image button	Click this button to add a blank line at the bottom of the table.
GetImages button	Calls GetImages to download multiple selected images.
GetImage button	Calls GetImage to download a single image..
GetLowResImage	Calls GetLowResImage to retrieve a single thumbnail image..
GetHighResImage	Calls GetHighResImage to retrieve a single full size image.
GetLowResImages	Calls GetLowResImages to retrieve multiple thumbnail images.
GetHighResImages	Calls GetHighResImages to retrieve multiple full size images.
Cancel	Cancels the image retrieval operation.

Click one of the GetImage buttons to retrieve the images. The returned images are placed into the image files table, which contains the following fields:

Fields	Description
Image	The actual image.
Resolution	The parameter passed to the GetImage call as entered into the Download Images window.
Width	The actual width value from the returned file.
Height	The actual height value from the returned file.
File	The parameter passed to the GetImage call as entered into the Download Images window.
ColorSpace	The actual colorspace value from the returned file.
ImageID	The parameter passed to the GetImage call as entered into the Download Images window.

## Users Tab

The Users tab contains the ValidateUser button. Fill in the edit boxes with proposed user information and press the button. If the server is satisfied with the information presented, it will return true. The return, either true or false is displayed to the right of the button. If the method has never been called, unknown will be displayed.

The screenshot shows the 'Kodak Image Access Standard test tool - Version = 2.6.0.0' window. The 'Users' tab is active, displaying a 'ValidateFulfillmentSystemUser' button with the return value 'true'. Below the button is a table for user information:

acctName	Password	Name	Phone#	Address	Email
fsg37858	abc	bob smith	123 456-789	21 2nd st. Laurel MD	bsmith@hotmail.cc

At the bottom of the window is the 'Method Call Log' table:

Method	Started	Ended	Elapsed	Error Code	Message
Connect	1:55:38 PM	1:55:49 PM	10.895 S...	0	SUCCESS
getSessionInfo	1:55:49 PM	1:55:49 PM	0.0 Sec	0	SUCCESS
SubmitCosOrder	2:01:42 PM	2:01:46 PM	3.956 Sec	0	SUCCESS
GetAvailableProducts	2:03:21 PM	2:03:22 PM	1.402 Sec	0	SUCCESS
GetAvailableOutputs	2:04:28 PM	2:04:28 PM	0.421 Sec	c0000001	KIAS Server Error.
GetAvailableLocales	2:05:15 PM	2:05:15 PM	0.360 Sec	0	SUCCESS
GetLocale	2:05:17 PM	2:05:17 PM	0.290 Sec	0	SUCCESS
SetLocale	2:05:18 PM	2:05:18 PM	0.320 Sec	0	SUCCESS





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