



KODAK Image Access Client SDK Version 2.0 Getting Started Guide

Document Purpose

Use this document to install the KODAK Image Access Client SDK.

Product Overview

The KODAK Image Access Client SDK is an interface for remote computers to communicate with a KODAK Digital Lab System (DLS) for order fulfillment and image retrieval from the DLS archive.

Software developers use the KODAK Image Access Client SDK to develop custom applications that interface with the DLS or derivative DLS products.

Developer Skill Set

Software developers who use the KODAK Image Access Client SDK should have knowledge of either JAVA or C/C++ and the DLS user interface.

Supported Configurations

Hardware and software requirements

To install the KODAK Image Access Client SDK and KODAK Image Access SDK Test Tool, you must have the following minimal configuration:

- 64 MB RAM for WINDOWS (128 minimum to run sample application)
- 256 MB RAM for SUN SOLARIS 8 (SPARC Platform Edition)
- 16 MB of available disk space for JAVA Runtime Environment (JRE)
- 12 MB of available disk space for KODAK Image Access Client library installation
- Sufficient disk space available to store retrieved images of various sizes
- JRE 1.3.0
- 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)

To develop and run your KODAK Image Access Client application, you must have these additional items:

- COS SDK version 2.6. This file can be found in the COS directory on the KODAK Image Access Client SDK Version 2.0 CD.
- Internet/LAN access to a server and DLS 2.0 or DLS Simulator.
- A JAVA development environment, such as JDK 1.3.0, or
or
A C++ development environment, such as Visual C++ 6.0

KODAK Image Access Client SDK Components

Your KODAK Image Access Client SDK package contains everything that you need to install, run and test your Client SDK. The following items are included in your SDK package:

- KODAK Image Access Client SDK Version 2.0 CD
- KODAK DLS Enhanced Services Software 2.0 LA CD
- KODAK DLS System Management Software 2.0 LA CD
- *KODAK Image Access Client SDK Version 2.0 Release Notes*
- *KODAK Image Access Client SDK Version 2.0 Developer's Guide*
- *KODAK Image Access Client SDK Version 2.0 Getting Started Guide*
- *KODAK DLS Installation and Configuration Instructions for Non-standard Hardware*
- KODAK Image Access Standard Software License Agreement
- 3 KODAK Image Access Enabling Software Kits / for DLS

Installing the SDK on WINDOWS

Important: For manual WINDOWS installation or SUN Solaris 8 instructions, refer to the KODAK Image Access Client SDK Version 2.0 Developer's Guide.

The following procedures must be completed for a successful implementation:

1. Load the DLS Simulator if you do not have a DLS. Refer to the *KODAK DLS Installation and Configuration for Non-Standard Hardware* document.
2. Load the KODAK Image Access Enabling Software using the steps below. Refer to the *KODAK Image Access Enabling Software Version 2.0 Getting Started Guide* for more information.
3. Load the Client SDK using the steps below. Refer to the *KODAK Image Access Client SDK Version 2.0 Developer's Guide* for more information.
4. Run the KODAK Image Access SDK Test Tool. Refer to the *KODAK Image Access SDK Version 2.0 Test Tool Guide* for more information.
5. Develop your application using the *KODAK Image Access Client SDK Version 2.0 Developer's Guide* and the *KODAK Digital Lab Systems Software Developer's User Guide for COS File Creation for DLS* documents and the online help files for reference.

Enabling Software Installation

Important: If a previous version of KODAK Image Access Enabling Software is already installed on your system, use the Add/Remove Program Utility from your WINDOWS Control Panel to remove it before continuing with this procedure.

1. Install JRE 1.3.0 from the KODAK Image Access Enabling Software for DLS Version 2.0 CD by double-clicking j2re1_3_0-win.exe.
2. Follow the instructions and complete the JRE installation.
3. Open the Disk1 folder from the KODAK Image Access Enabling Software for DLS Version 2.0 CD and double-click setup.exe to install the enabling software.

A message box displays saying the KODAK Image Access Enabling software installation is complete.

4. Restart the computer.

Verify Enabling Software Installation

Connect to the DLS Server with a Web browser. Use the URL http://your_server_IP:8080/soap/servlet/rpcrouter or <http://localhost:8080/soap/servlet/rpcrouter> if you are using a browser on the server. You should get back a page that says “Sorry, I don’t speak via HTTP GET...”

Client Installation

Use the following procedure for automatic installation.

1. Install JRE 1.3.0 from the KODAK Image Access Client SDK Version 2.0 CD by double-clicking j2re1_3_0-win.exe.
2. Follow the instructions and complete the JRE installation.
3. Open the Disk1 folder on the Image Access Client SDK Version 2.0 CD. Select and double-click setup.exe to install the KODAK Image Access Client.
4. Verify that a message box is displayed stating the KODAK Image Access Client installation is complete.
5. Install the COS Library version 2.6 onto client computers using the KODAK Image Access Client Version 2.0 CD. The file path is D:\COS\cos_lib_opt.zip where D is the CD drive.

Verify KODAK Image Access Client Installation

Note: For more information on the KODAK Image Access SDK Test Tool, refer to the *KODAK Image Access SDK Version 2.0 Test Tool Guide*.

1. Double-click the file C:\Program Files\KODAK\KIAS\testtool.bat. This launches the KODAK Image Access SDK Test Tool.
2. To make the KODAK Image Access SDK Test Tool is aware of the server, click **Settings** and add a line to the large edit box at the center of the dialog box. You may copy the line that is already present, replacing the string 'localhost' with the IP address of your server.
3. Within the KODAK Image Access SDK Test Tool, select the URL of your server from the pull-down menu.
4. Click **Update** under Server Version.

Verify Order Submission

Use the following steps to verify that orders can be submitted:

1. From your working KODAK Image Access SDK Test Tool, click **Connect**.
2. Enter a KODAK Image Access Client name / password. Your server should have a default account of pns / pns123. Use the name / password combination of KIASSU / KIMYXYZ to add the ability to call GetOrdersAdmin.
When you successfully connect, a new line is added to the KIAS Sessions table.
3. Select the Submissions tab.
4. Click **Submit** on the Submissions tab.
5. In the file selection dialog that appears, select a sample COS file. These files are found in the SampleCosfiles directory on the KODAK Image Access Client SDK Version 2.0 CD.
Your submission appears as a new entry in the KODAK Image Access Orders table on the Submissions tab.
6. Examine the Test Tool Order Status field for your order. The status changes from Submitting to Sent after the order has been processed.
7. On the server side, check the DLS WIP screen to see if the order arrived.