

# Adobe PDF Library SDK 6.1.1 Release Notes.

This Release Notes file contains information on installing the Adobe PDF Library SDK, last-minute updates, and general information regarding this release. In addition to this document, please read the Adobe PDF Library Overview for important information on developing with and using the Adobe PDF Library. Adobe PDF Library SDK 6.1.1 is a minor bug release based upon the PDFL SDK 6.1 thread safe codebase, we have also been added the Macintosh and AIX platforms with this release. The PDF Library Overview will reference the PDFL6.0.1 release, this was the non thread safe version of the PDFL SDK, now that we have full platform support with this release (PDFL SDK 6.1.1) there will no longer be further releases of the PDFL 6.0.1 codebase.

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## UPDATE INFORMATION

A lot of general fixes can go into the PDF Library codebase during the four month release cycle, below are fixes specific to the PDF Library SDK 6.1.1.

| <b>Bug #</b>   | <b>Description</b>  |
|----------------|---|
| <b>1002907</b> | Missing metadata from Linux output when running metadataAPIs test.                      |
| <b>1002343</b> | Pattern Resource dict corrupted with PDSaveLinearized flag set in the call to PDDocSave |
| <b>1006361</b> | Memory leak observed with PDFLPrintDoc API  |
| <b>0633163</b> | Font PMingLiU and CMap ETenms-B5-V combination does not work                            |
| <b>1007379</b> | PDFLPrintDoc fails only on AIX with complex PDF files.                                  |
| <b>1009161</b> | On AIX, PDFL needs additional links of Bravo components in order to work.               |
| <b>1006930</b> | Crash in CoolType when running PDFLPrintDoc test on AIX                                 |
| <b>1002606</b> | PDDocSave with PDSaveLinearized fails for certain pdf files on Solaris                  |
| <b>1006105</b> | Link errors for ASSetTempFileSys, ASGetRamFileSys                                       |
| <b>1003702</b> | Mesh PDF files fail to convert to PS correctly only on AIX.                             |
| <b>1002696</b> | PDFontEnumProc() parameter wrong  |
| <b>1005000</b> | Type "ASHostEncoding" is defined in ASExpT.h, not ASEExtraExpT.h.                       |
| <b>1002972</b> | PDFLTerm() causing file corruption in another process using PDFL.                       |
| <b>0551248</b> | Objects shift when using PDFEdit layer of PDFL  |
| <b>0636187</b> | Problem in embedding a font   |
| <b>1002338</b> | Printing document to PS printer doesn't center the document                             |
| <b>0630490</b> | PDFL SDK 5.0.5 Path elements shifted  |
| <b>1000281</b> | PDFLPrintDoc Anomaly: Garbage output after first page output iteration.                 |
| <b>1000772</b> | PS files give distiller error of OffendingCommand: ct_effDict                           |

## **KNOWN ISSUES**

- The following snippets and samples have been removed from the PDFL6.1.1 SDK AddPageMetadataSnip, AddImageMetadataSnip and MTTextExtract.

## **GETTING STARTED**

1. Install the PDF Library SDK as described below in the "Installation" section.
2. Read Technical Note #5189, "PDF Library Overview", PDFLOverview.pdf. This technical note describes the PDF Library and development issues with the PDF Library.
3. Examine, compile, and run the relevant code samples or snippets for your platform. The code samples and the PDFLSnippetRunner are in the PDFLSDK611/samples directory created when you installed the Library.
4. On all platforms, read the comments in the source code before compiling and running the code sample to understand the functionality demonstrated by the sample.

## **INSTALLATION**

### **All Platforms:**

Install the sample code, headers, and Adobe PDF Library as indicated below for each platform. The directory structure is as follows for all platforms. The sample projects all depend on this structure to build and run.

PDFLSDK611

- Resource
  - Font
  - Cmap
- Include
  - Headers
- Libs
  - Platform
- Samples
  - samples\_name
- Docs

2. Modify the MyPDFLibUtils.cpp file so that the folder lists passed to PDFLDataRec's dirList member in the PDFLInit() via PDFLGetDirList function call correctly locates the font and Cmap files on your system. This is needed for the samples fontembd and printpdf or for any other samples that might require font and Cmap files.

### *Important Note:*

Samples are tested and built with the valid dirList member in the PDFLDataRec structure. If you do not have the valid font and Cmap folders on your system, samples may crash or throw an exception. Either you have to install the font and cmap files in the correct folder or you have to pass NULL to the PDFLDataRec.dirList member for

the PDF library not to look for the fonts or Cmaps at all.

### **Macintosh Platform:**

The Macintosh samples are archived in StuffIt archives and bin hexed.

1. Run the installer for the MacPDFL611SDK.exe. Using the easy install option will ensure that the sample applications will build.
2. By default, all the libs are installed in the PDFLSDK611:Libs:Mac/AdobeXXX.framework folder, aliases or proper paths need to be set to ensure for the sample applications to run properly.

### **Windows Platform:**

1. Run the installer for the WinPDFL611SDK.exe. Using the Typical Install option will ensure that all of the samples will build and run. Important Note: To run the samples successfully outside of MS VC++ IDE, you can either copy the libraries supplied in the PDFLSDK611/Libs/Winintel folder to the folder where your executable resides, or place the path PDFLSDK611/Libs/Winintel into the environment variable "path". This way the executables will always find the dynamic linked libraries at run time.

### **Unix Platform:**

1. Copy the SDK file and execute the following in the directory you wish to unpack the SDK: `zcat sparsolpdf611sdk.tar.gz | tar xf -` (or `linuxpdf611sdk.tar`)
2. Change directory to PDFLSDK611/Samples/Utils and modify the appropriate .mak file to point to your installed gcc directory and static library directory.
3. You will need to set the environment variable `LD_LIBRARY_PATH` to point to PDFLSDK611/Libs/sparsol (or linux)

### **DOCUMENTATION GUIDE**

Technical documentation provided with the Adobe PDF Library: These and other documents can be found at:

<http://partners.adobe.com/asn/acrobat/technotes.jsp>

#### **Adobe PDF Library Overview**, Technical Note #5189 (PDFLOverview.pdf)

This document provides background information and development information for the PDF Library. Read this document before beginning development for information such as supported platforms, known issues and development requirements.

#### **AcroColor API Reference**, Technical Note #5425 (AcroColorAPIReference.pdf)

AcroColor is an HFT that allows you to access the AcroColor engine (ACE), which controls color profile.

#### **Acrobat Core API Overview**, Technical Note #5190 (CoreAPIOverview.pdf)

This document provides an overview of the Acrobat API in general. It covers information applicable to both Plug-in development and Library

development. Read this document to obtain an understanding of how the Acrobat API is organized.

**Acrobat Core API Reference**, Technical Note #5191 ( CoreAPIReference.pdf)

This document is the reference manual for all of the Acrobat API methods made available by the Acrobat Viewer. It documents the parameters, return values and availability of each method, as well as specific implementation notes. This document is useful while developing with the PDF Library or planning development to determine method availability and capabilities.

**PDF Library Supplement** to the Acrobat Core API Reference, Technical Note #5414 (PDFLibSupplement.pdf)

This document complements the Acrobat Core API Reference and is specific to the PDF Library API methods. This is an important and useful document for all PDF Library developers.

**Adobe PDF Reference** (PDFReference.pdf)

Specification of the Adobe Portable Document version 1.5.

this can also be found at:

<http://partners.adobe.com/asn/tech/pdf/specifications.jsp>

**WEB ACCESS and SUPPORT**

The Adobe PDF Libraries are now available to existing customers as an electronic download at: <http://partners.adobe.com/asn/tech/pdf/pdf/index.jsp>

For PDF Library support, the Adobe developer support site can be accessed through:

<http://partners.adobe.com/asn/support/devsup/index.jsp>

Both the download and developer support site require Adobe Solutions Network (ASN) membership. For details of the ASN Developer Program, see:

<http://partners.adobe.com/asn/developer/index.jsp>

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4,837,613;5,050,103;5,185,818;5,200,740;5,233,336;5,237,313;

5,255,357;5,546,528;5,634,064;5,832,530;5,832,531;5,860,074;5,930,813;5,929,866;5,943,063;5,995,086;

5,737,599;5,781,785;5,819,301;6,073,148;6,049,339 Patents Pending.

Contains an implementation of the LZW algorithm licensed under U.S. Patent 4,558,302

This Software contains the RSA Data Security, Inc. MD5 Message-Digest Algorithm