ADOBE® NORMALIZER

Adobe Normalizer is an API which allows developers to quickly and easily convert Encapsulated PostScript (EPS) and PostScript (PS) files to Adobe's Portable Document Format (PDF).

Overview

The industry-standard Adobe Distiller and Distiller Server are themselves built upon Normalizer; and now this API is available separately to application developers.

Users familiar with Distiller will recognize the operational architecture of Normalizer. The conversion process is controlled by a job options file (the file format and parameters are identical to those available in Distiller); and information about the process (warnings, informationals, etc.) is available as well.

Features

Using the Adobe Normalizer API, your application can:

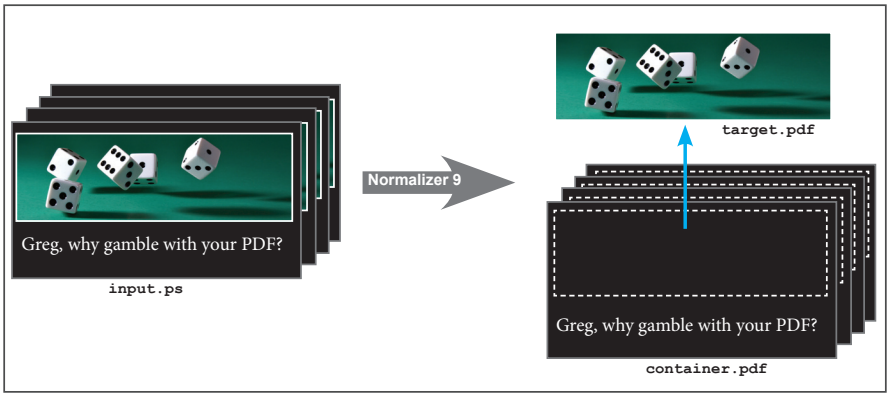
- process PS and EPS Level 1, 2, and 3 files;
- create PDF v1.2 through v1.7 -compliant output;
- produce PDF/A -compliant files;
- obtain and report information about the input files;
- saccess the same job options and parameters that are available in Distiller

New in version 9

In addition to supporting all the features in Distiller 9, Normalizer 9 also includes support for PDF/VT.

Earlier versions of Adobe Normalizer API converted PS forms to PDF form Xobjects. These Xobjects were embedded in the resultant PDF file. With version 9, Normalizer can now be instructed to convert PS forms to reference Xobjects. Normalizer 9 will create the main "containing PDF file", which includes a reference to an external PDF file (the

"target PDF file") of the converted Xobject, as illustrated below:



Reference form Xobjects are one of the key constructs upon which the emerging PDF/VT Standard (ISO/WD 16612-2) is predicated. Efficient use of reference form Xobjects can optimize print workflows such as those used in variable data printing (VDP) solutions. And advanced RIP technology, such as the Adobe PDF Print Engine, can natively process PDF/VT files at the RIP.

Platform Requirements

The Adobe Normalizer API is currently available on the following platforms:

Platform	Operating System	Compiler
Windows 32-bit	Windows XP Professional; Vista; 2000, 2003, 2008 Server	Microsoft Visual C++.NET 2005 with SP1
Windows 64-bit	Windows XP Professional; Vista; 2000, 2003, 2008 Server	Microsoft Visual C++.NET 2005 with SP1
MacOS	MacOS X 10.4.11 and 10.5.4	XCode 3.0
Linux	Red Hat Linux Enterprise Workstation 4.0	gnu gcc 4.1.0
Sun Solaris Sparc	Sun Solaris 9 Sun Solaris 7	gcc 3.2.3 gcc 2.95.3
Sun Solaris x86	Sun Solaris 10	Sun Studio 12
IBM pSeries	IBM AIX 5.3	gnu gcc 4.1

Datalogics

Datalogics, Inc.
101 N. Wacker Drive, Suite 1800
Chicago, IL 60606
USA
www.datalogics.com

For more information

For more details about Adobe Normalizer, visit:

www.datalogics.com

GMNB12