Acumen Training

PDF 2: Advanced File Content

A second course in interpreting and creating PDF files

PDF 2: Advanced File Content is a four-day, hands-on class in the PDF file format that adds to the set of topics discussed in *PDF 1* class. It discusses a broad range of topics not discussed in detail in the *PDF 1* class, including multi-byte text, linearized PDF, interactive form fields, and smooth shading.

This class, like *PDF 1*, emphasizes those parts of the PDF specification most important to printer engineers and support personnel. It will also be an important introduction for software engineers who will be directly generating PDF.

Objective

Students will leave this class (together with *PDF 1)* with a knowledge of all of the parts of the PDF spec important to printed documents.

Prerequisites

Students must have taken the *PDF 1* class or have equivalent knowledge. The student will be assumed to have a good knowledge of the basic structure of a PDF file and be reasonably familiar with the topics covered in the earlier class.

Audience

Engineers and advanced support personnel who need to understand the PDF file format. The course assumes you are either working with a printing device that consumes PDF or that you are a software engineer faced with generating PDF.

Sign up now!

Acumen Training teaches regularly-scheduled classes in Orange County, California, near the Santa Ana/Orange County airport.

If your organization has several people who need to take *PDF 2,* it may be to your advantage to arrange a class on your site.

For class schedules and pricing, on-site class information, or to register for a class, please contact John Deubert at Acumen Training any of the following ways:

- Email: **john@acumentraining.com**
- Web: **www.acumentraining.com**
- Telephone: **949-248-1241**

Course Outline

Day 1
- PDF File Structure, a Review
- Determining Interiors
- Line-Drawing Details
- XRef and Object Streams
- PDF File References
- Masked Images

Day 2
- Function Dictionaries
- Shading
- Rendering Parameters
- Transfer Functions

Day 3
- Halftoning
- Printers' Annotations
- Marked Content
- AcroForm Fields
- XFA Form Fields

Day 4
- Multibyte Fonts
- Linearized PDF
- Optional Content Groups
- XPS Data