PDF Viewer

The DevExpress VCL PDF Viewer control displays PDF files directly in your application without the need to install an external PDF Viewer on your end user's machine.

The VCL PDF Viewer supports a rich set of document content types. These include in particular:

- JPX images

- JBIG2 images

- Transparency groups (limited support)

- Type 3 fonts

- Patterns

- Interactive forms

Learn more at www.devexpress.com

JPX

JPEG 2000 (JP2, JPX) is an image compression standard and coding system.
It was created by the Joint Photographic Experts Group committee in 2000 with the intention of superseding their original discrete cosine transform-based JPEG standard (created in 1992) with a newly designed, wavelet-based method.

DevExpress®

The filing show in data line on telegrams and day letters in STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

JBIG2 is an image compression standard for bi-level images, developed by the Joint Bi-level Image Experts Group. It is suitable for both lossless and lossy compression. According to a press release from the Group, in its lossless mode JBIG2 typically generates files one third to one fifth the size of Fax Group 4 and one half to one quarter the size of JBIG, the previous bi-level compression standard released by the Group.

A transparency group is a sequence of consecutive objects in a transparency stack that shall be collected together and composited to produce a single colour, shape, and opacity at each point.

The result shall then be treated as if it were a single object for subsequent compositing operations. Groups may be nested within other groups to form a tree-structured group hierarchy.
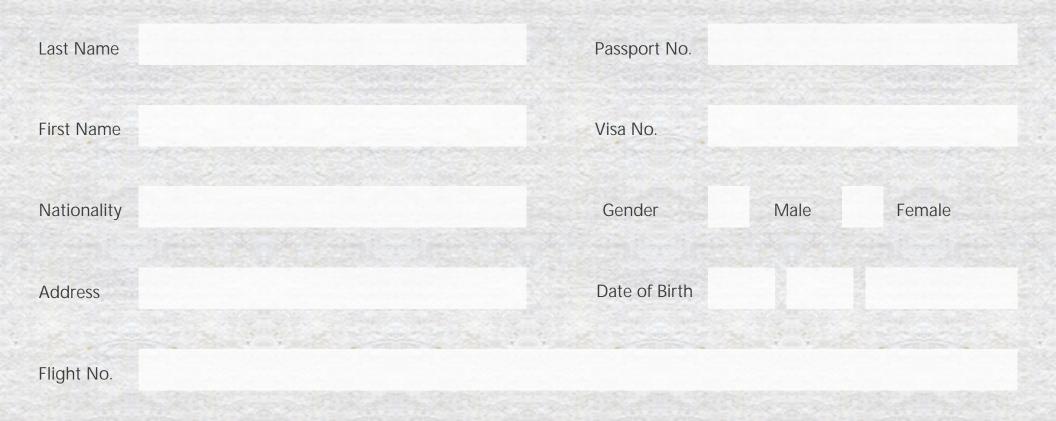
Type 3 Fonts

Type 3 fonts differ from the other fonts supported by PDF. A Type 3 font dictionary defines the font; font dictionaries for other fonts simply contain information about the font and refer to a separate font program for the actual glyph descriptions. In Type 3 fonts, glyphs shall be defined by streams of PDF graphics operators. These streams shall be associated with glyph names. A separate encoding entry shall map character codes to the appropriate glyph names for the glyphs.

Type 3 fonts are more flexible than Type 1 fonts because the glyph descriptions may contain arbitrary PDF graphics operators. However, Type 3 fonts have no hinting mechanism for improving output at small sizes or low resolutions.

Patterns

Arrival Card

Last Name _____   Passport No. _____

First Name _____   Visa No. _____

Nationality _____   Gender ☐ Male ☐ Female

Address _____   Date of Birth ☐ ☐ ☐

Flight No. _____

For official use