PHL Soft

A BRAND OF THE ARMONIE GROUP

TECHNICAL SHEET

PHL PRINT

Polished PDF documents, produced by your IBM i

PHL Print produces and distributes all your PDF documents from the IBM i: invoices, letters, lists, labels, page backgrounds. From reusing your existing printer files to designing entirely new documents.

How it works

- **Reuse of existing assets**
  your printer files (PRTF) are converted into graphical documents
- **Design**
  PHL Studio WYSIWYG graphical editor, pixel-perfect layout
- **Original code**
  the RPG programs that produce your documents remain unchanged
- **Execution**
  a PHL Print document is called like any other IBM i program

Document distribution

- **On screen**
  with PHL Web, users request an invoice and see it displayed
- **Spool splitting**
  by keyword recognition
- **By e-mail**
  PDF documents sent directly from the IBM i
- **Input at run time**
  rich text fields filled in by the user on a PHL Web screen

0
lines of RPG changed to reuse a PRTF

WYSIWYG
pixel-perfect layout in the PHL Studio graphical editor

PDF
distributed on screen or by e-mail

RPG
native IBM i executables, compiled from the XML

Three uses, one tool

REUSE

Your existing documents

PHLPrint retrieves your PRTF descriptions and turns them into graphical documents, ready to enrich with images, fonts and colours.

DESIGN

New documents

Invoices, letters, labels or page backgrounds, drawn pixel-perfect in PHLStudio.

DISTRIBUTE

To the right recipient

On-screen display via PHLWeb, sending by e-mail, spool splitting by keywords.

Complete graphical documents

- **Fonts and colours** · bold, italic, any colour
- **Barcodes** · built into the layout
- **Numbering** · page numbers calculated automatically
- **Conditional colour** · based on a data value
- **Page backgrounds** · reusable templates
- **Lines and alignment** · neat tables and frames
- **Dynamic images** · stored in the IFS or on a web server
- **Text rotation** · notes such as “Duplicate”
- **Rich text** · entered by the user at run time

Technologies used

- **Editor**
  PHLStudio, a WYSIWYG graphical editor that replaces RLU
- **Source**
  XML description of the document, not DDS
- **Compilation**
  the PHLPrint compiler translates the XML into RPG

Technical requirements

PLATFORM

IBM i V7R4 TR7 minimum

- **Skills**
  development close to traditional IBM i
- **Training**
  1 day

In the PHLSoft suite

Each tool installs on its own and works with the others, on the same IBM i.

PHL Web

Turns your 5250 screens into web interfaces from the DDS source, with three levels of transformation.

PHL Exchange

Generates the processing of your XML and JSON flows, and exposes your IBM i processes as web services.

PHL Mobile

No-code studio for mobile applications on your IBM i data, installable as PWAs, with offline data entry.

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