

PHL WEB

Modernise your 5250 screens, **without touching the code**

PHL Web turns the green screens of your IBM i applications into modern web interfaces. Your RPG programs remain unchanged: the conversion works directly from the DDS source.

— How it works

◆ Input sources

DDS of 5250 screens, or native web development on IBM i

◆ Converted sources

XMLdescription, graphical (X/Y) coordinates to the pixel

◆ Industrialisation

automated conversion rules from DDS source to XML

◆ Original code

no changes to the RPG programs

— Delivery methods

◆ 100% web access

nothing to install on client workstations

◆ Seamless

no impact on existing systems, users find their usual screens

◆ Fast deployment

installation and initial training in three days

◆ New screens

native web screen development on IBM i

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lines of RPG changed

3 days

of installation and initial training

100%

web, nothing to install on workstations

3

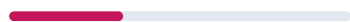
levels of transformation

— Three levels of transformation

LEVEL 1

Basic conversion

Emulator style, function keys as buttons



LEVEL 2

Extended conversion

Graphical components: lists, sorting, scroll bars...



LEVEL 3

Reworked conversion

Screens enriched with PHLStudio, web application UX



— Technologies used

- ◆ **Backend**
IBM i, DDS / RPG compatibility
- ◆ **Frontend**
graphical web interface generated from the XML
- ◆ **Companion tool**
PHLStudio for advanced graphical enhancement

— Technical requirements

PLATFORM

IBM i V7R4 TR7 minimum

- ◆ **Skills**
no HTML, CSS or PHP knowledge required for developers
- ◆ **Training**
3 days

— In the PHLSoft suite

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

PHL Revamp

Turns your 5250 screens into web interfaces at run time, with no changes at all to your source code.

PHL 5250

A 5250 emulator accessible from a browser, for applications whose source code you don't have.

PHL Mobile

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