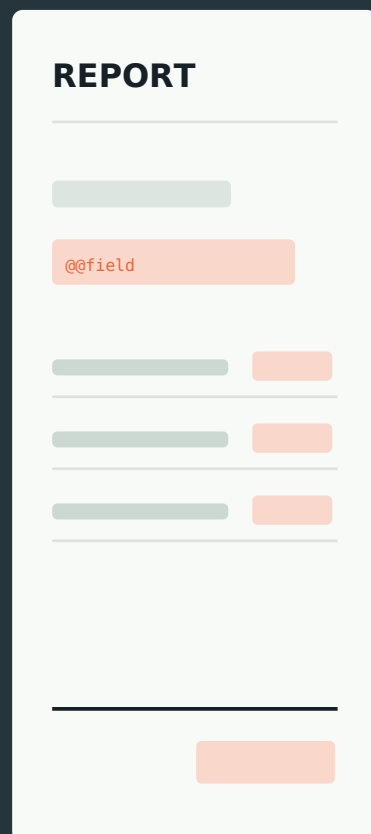




Graphic Editor

Design report pages, manage objects, and export your PDF workflow.



A practical reference for the current editor and PHP class.

Contents

Every option below is accompanied by a practical example. Page numbers link to the corresponding section.

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01 Start a report

The editor saves a report design as a .ppr file. The design contains page settings and objects; a PHP application supplies values later. The toolbar appears after a report is created or opened.

Option	What it does	Example
Create new	Opens Page Settings and starts a blank design.	Choose A4, then set a 50 mm header before adding a title.
Open saved report	Lists saved .ppr designs and loads the selected one.	Open invoice-v2.ppr to move its total box.
Saved reports list	Shows name, size, edit time, Open and Download.	Download invoice-v2.ppr as a portable design file.
Open from template	Currently displays an information message; template loading is not implemented in this source.	Start with Create new or Open saved report instead.
Top filename / Save	Shows the current filename and saves the open design when clicked.	Save customer-statement.ppr after changing its logo.

Typical first pass

Create the page, add a fixed heading, add a DB text object with @@@description in the body, save the design, then use Get PHP and PDF to export the integration template and sample PDF.

02 Page Settings

Open Page Settings from the left toolbar. Values are in millimeters unless a color is shown. Updating the modal changes the current canvas in memory; use Save afterward to persist the .ppr file.

Setting	Purpose	Example
Page Size	A4, Letter or Custom. A4 sets 210 x 297 mm; Letter sets 216 x 279 mm.	Choose A4 for a standard invoice.
Page Width	Physical page width for a custom layout.	Set 100 mm for a narrow label.
Page Height	Physical page height for a custom layout.	Set 150 mm for a short label.
Header size	Space before repeating body rows.	50 mm leaves room for title and customer block.
Footer size	Space reserved below the body rows.	17 mm leaves room for page number and legal note.

Setting	Purpose	Example
Line data	Height of one repeating body row; affects rows per page.	10 mm with 50 mm header and 17 mm footer gives 23 A4 rows.
1st background color data	Color for alternating body bands.	#ffffff for white rows.
2nd background color data	Second alternating body-band color.	#eeeeee for a subtle stripe.
Grid Snap	Spacing used when snap is enabled.	5 mm rounds a dragged object to a 5 mm position.

Current orientation behavior

The orientation control is hidden in this editor. The renderer creates portrait pages using the saved width and height. For a wide custom sheet, set the dimensions explicitly and test the output; do not assume a landscape switch is active.

03 Add objects with the toolbar

Click a tool, select the new object on the canvas, then use the properties panel at the right for exact dimensions and behavior. The h1:n and v1:n controls change default dimensions of newly added shapes.

Tool	What it adds or changes	Example
New Report	Restarts the editor after confirmation.	Begin a separate packing-list design.
Page Settings	Reopens page size, body and color settings.	Increase footer from 17 to 22 mm.
Horizontal Length	Cycles h1:1 through h1:6 for default shape width.	Choose h1:3 before inserting a box one-third of canvas width.
Vertical Length	Cycles v1:1 through v1:6 for default shape height.	Choose v1:4 for a shallow colored panel.
Vertical Line	Places a vertical rule.	Separate a quantity column from a description column.
Horizontal Line	Places a horizontal rule.	Rule below the report title.
Filled Rectangle	Places a colored rectangle.	Add a dark title banner.
Outline Rectangle	Places an unfilled bordered rectangle.	Frame a signature area.
Add Text	Places fixed text, printed from the design.	Type INVOICE or a legal disclaimer.
Add DB Text	Places body text intended for repeating data.	Type @@@description for each item row.

Tool	What it adds or changes	Example
Add Image URL	Places an image with a URL property.	Use @@logoUrl for a fixed image URL supplied by PHP.
Embed Image	Loads a local image into the design.	Embed a logo PNG that should travel with the .ppr.
QR Code	Places a QR object whose Text property becomes QR content.	Set Text to @@paymentUrl.
Barcode	Places a barcode object with symbology and Text.	Choose ean-13 and Text @@productCode.

Fixed versus repeating content

Use @@customer for a fixed value and @@@description for a value that changes by row. Put repeating text in an Add DB Text object in the body region. The callback manual explains how PHP supplies both.

04 View, align and arrange

These controls help you edit; the visual grid and bounding guides are not report content. Object order is separate from page position.

Control	Action	Example
Grid display	Cycles off, 1 cm grid, then 1 cm grid with 1 mm subdivisions.	Turn on subdivisions to place small labels precisely.
Enable Snap to Grid	Turns on automatic snap using Grid Snap spacing.	With 5 mm spacing, dragging a logo aligns its top-left corner.
Disable Snap to Grid	Allows free positioning.	Move a fine border by a fraction of a grid interval.
Bounding Lines	Draws alignment guides around selected supported objects.	Check the edges of two total boxes.
Group / Ungroup	Combine selected objects or split a group.	Group a heading and divider before moving them.
Bring to Front / Send to Back	Moves selection to top or bottom of stack.	Put a colored panel behind a text label.
Bring Forward / Send Backward	Moves selection one layer at a time.	Place a watermark behind the total but above the background.
Zoom In / Zoom Out	Changes canvas magnification.	Zoom in while refining small text.
Zoom 1:1	Returns to 100% and resets the view origin.	Recover after detailed editing.

Control	Action	Example
Fit whole page	Fits page to available viewport from the top bar.	Review the entire layout before export.
Delete	Removes selected objects.	Delete an obsolete footer line.
Load / Save	Opens a saved .ppr / writes the current design.	Save invoice-v3.ppr after a revision.
Undo	Reverts a recorded canvas edit.	Undo a misplaced rectangle.
Get PHP and PDF	Saves, downloads generated PHP and a sample PDF.	Export the template, then implement the field callbacks.

05 Object properties

Select a single object to expose its settings in the right panel; change values and click Update. Multiple selection shows a note instead of editable properties. Coordinates and sizes are displayed in millimeters.

Property	Meaning	Example
Left / Top	Distance from the page left / top.	Left 20, Top 30 places a title 20 mm from the left.
Width / Height	Object bounds, with image dimensions converted to mm.	Width 80 mm for a customer-name box.
Fill	Text or rectangle color.	Set #172027 for a dark title.
Stroke	Line or rectangle border color.	Use #e86638 for a divider.
Stroke Width	Thickness of a line or rectangle border.	0.4 mm for a light outline.
Text Lines / Line Height	Text line count / spacing multiplier where exposed.	Increase line height to 1.3 for a two-line note.
Font	Arial, Times, Courier or THSarabunNew.	Choose Courier for a fixed-width reference code.
Font Style	None, Bold, Italic or Bold+Italic.	Bold the invoice number.
Font Size	Text size in millimeters in the editor.	Use 5 mm for the report title.
Horizontal Align	Left, Center, Right or Justify inside saved box width.	Right-align an amount in a 25 mm box.
Truncate Text / Truncate At	Optionally cut long text at a width and append dots.	Yes, 50 mm for a compact item label.
Format	A sprintf format for repeating text values.	Use %.2f for a numeric row value.
Print Where	Controls which PDF pages receive the object.	Last Page for a grand-total note.

Print Where choices

Choice	Example
Always / All	Print a header on every page.
Never	Keep a draft note out of the PDF.
First Page	Show an introduction only once.
Last Page	Show a signature box at the end.
Odd Page / Even Page	Alternate a margin marker by page parity.
All Except First / All Except Last	Hide a continuation header on page one / a carry-forward line on the final page.

06 Images, QR codes and barcodes

Image-related fields differ by object type. Use an actual URL for a static image, or an @@ field for a fixed URL supplied by PHP. Repeating image URLs may use @@@ fields in the body.

Option	What it controls	Example
URL	Source address for an Image URL object; may be a data token.	@@logoUrl returns https://example.com/logo.png.
Width / Height / Stretch	Rendered image size and stretch behavior.	Set width 40 mm and height 20 mm for a banner.
Image Type	Embedded-image format: Original, JPG, PNG, PNG 1-bit, PNG 2-bit, GIF or WebP.	Choose PNG 1-bit for a black-and-white mark.
Image Quality	JPG and WebP quality 0-100; PNG compression 0-9; not used for Original/GIF.	Set JPG to 85 to balance size and detail.
QR Text	Literal or callback-supplied QR payload.	@@paymentUrl creates a payment-link QR.
Barcode Type	Barcode symbology; options include EAN, UPC, Code 39/93/128, ITF, QR and Data Matrix families.	ean-13 for a 13-digit retail code.
Barcode Text	Literal or token-driven encoded value.	@@@sku prints a different code per row.
Barcode Link	Optional link attached to the rendered image.	Point a catalog code at its product page.

Image token caveat

The current PHP template generator lists fields found in text, QR and barcode content. If a URL image uses @@logoUrl or @@@photoUrl, add its callback branch manually. The callback manual includes an example.

07 Actions, layers and keyboard

The Actions menu changes groups of matching styles. Layers expose order, selection and locking. Right-clicking a layer or an overlapping object opens a context menu.

Action	What it does	Example
Swap colors	Replaces a selected used color throughout eligible canvas objects.	Change every orange accent to blue.
Change Text Style	Groups text by current style and edits matching text objects together.	Update all body labels to Arial 3.5 mm.
Change Line Style	Groups matching lines for stroke, width, length and page rules.	Change all thin rules to 0.3 mm.
Change Rectangle Style	Groups matching rectangles for fill, stroke, size and page rules.	Make all summary boxes light gray.
Layers panel	Filter objects by type; select, lock, bring front or reorder.	Lock a logo while editing nearby text.
Right-click context	Offers group/ungroup, front/back, up/down, snap and bounding guides.	Snap a selected amount box to the current grid.
Overlapping layers	Offers a list of objects beneath the pointer.	Select the text above a colored background.

Shortcut	Effect and example
Ctrl+C / Ctrl+V	Copy and paste a selected object, such as a column heading.
Ctrl+G / Ctrl+U	Group / ungroup selected objects.
Ctrl+Z / Delete	Undo the last recorded edit / remove selection.
F5 or Ctrl+R	Starts a new design after confirmation.
Alt + mouse drag	Pan a zoomed canvas.
Arrow keys	Move a selected object; when snap is on, movement is rounded to the grid.
Shift + arrow	Move by 1 mm without grid snap.
Ctrl + arrow	Move by 10 mm in this source, then apply grid snap if on.

08 Save, export and check the result

Save writes a named .ppr design. Get PHP and PDF saves first, then downloads a PHP integration file and a generated PDF preview. The PHP file contains callbacks to fill with real data.

Task	Procedure	Example
Save a design	Click Save, enter a filename; .ppr is added when omitted.	quarterly-summary becomes quarterly-summary.ppr.
Reopen	Use Open saved report or the Load button.	Reopen quarterly-summary.ppr for layout changes.
Export	Click Get PHP and PDF; allow the PHP and PDF downloads to finish.	Inspect the exported field branches before wiring a query.
Review output	Check row count, page breaks, long text, fonts and image URLs in the PDF.	A total on Last Page should appear on the final page only.

Practical limitations

Template loading is not implemented in this editor source. Orientation is not a functioning portrait/landscape toggle. The preview export depends on companion server endpoints and libraries beyond the two attached PHP files; deploy the complete application to use those actions.

For the data contract, constructor parameters, system variables and a mysqli example, continue with Callback implementation.