

Native PDF layout for Elixir

Rendro renders deterministic business PDFs from Elixir data.

No Chrome, browser automation, or hidden webpage layout step.

Generated by Rendro itself from the same public recipe pipeline.

The manual SHA-256 is published outside this PDF for byte checks.

Use this manual as a fit check; use HexDocs for API reference depth.

Fit Check

Use Rendro when your app owns structured document data.

Good fits: invoices, statements, receipts, reports, certificates.

Use HTML-to-PDF when browser CSS fidelity is the requirement.

Boundaries

No arbitrary HTML/CSS rendering.

No blanket PDF/A or PDF/UA claim.

pdfium-render rasters are not GUI-viewer proof.

Complex scripts require the shaping seam.

Transforms, clipping, and gradients remain deferred path work.

Invoice

Standard invoice from Elixir data through the canonical Invoice recipe.

Rendro Systems
100 Deterministic Way, Portland, OR 97205
INVOICE #INV-CMP-2026-001
Date: 2026-06-11
Bill To: Acme Phoenix SaaS
42 LiveView Lane, Austin, TX 78701
Terms: Net 30

Item	Qty	Price
Platform Plan - Growth tier monthly platform service	1	\$199.00
Seat Licenses - Additional team seats beyond plan minimum	12	\$15.00
Priority Support - 24/7 priority support add-on	1	\$89.00
Advanced Analytics - Reporting & dashboards add-on	1	\$129.00
API Overage - Additional API call blocks (10k each)	4	\$12.00
Subtotal: \$645.00		
Tax: \$51.60		

Total Due: \$696.60

Due: 2026-07-11

Thank you for your business!

Rendered from Rendro.Recipes.Invoice with deterministic: true.
Recorded in assets/rendro/artifacts.json.

Branded Invoice

Branded invoice with registered font and logo assets.



Rendro, Inc.

Invoice #BR-2026-001

Date: 2026-06-11

Item	Qty	Price
Platform Plan - Growth tier monthly platform service	1	\$199.00
Seat Licenses - Additional team seats beyond plan minimum	12	\$15.00
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Thank you for your business!

Rendered from Rendro.Recipes.BrandedInvoice with deterministic: true.
Recorded in assets/rendro/artifacts.json.

Statement

Account statement with opening/closing balances and per-page numbering.

Northwind Ledger Co - Operating Account ****8140

2026-05-01 to 2026-05-31

Opening balance: \$3,200.00

Closing balance

\$6,647.56

Date	Description	Amount	Balance
2026-05-02	Deposit - Q2 retainer, Meridian Partners	\$4,800.00	\$8,000.00
2026-05-05	ACH payment - Cascade Payroll Services	(\$3,120.00)	\$4,880.00
2026-05-09	Card purchase - Foundry Office Supply	(\$218.44)	\$4,661.56
2026-05-14	Deposit - Invoice INV-2048, Blue Harbor LLC	\$1,560.00	\$6,221.56
2026-05-18	Wire transfer - Northwind Facilities lease	(\$2,200.00)	\$4,021.56
2026-05-23	Card purchase - Everline Cloud Hosting	(\$96.00)	\$3,925.56
2026-05-27	Service fee - monthly account maintenance	(\$18.00)	\$3,907.56
2026-05-30	Deposit - Invoice INV-2051, Tandem Robotics	\$2,740.00	\$6,647.56

Rendered from Rendro.Recipes.Statement with deterministic: true.
Recorded in assets/rendro/artifacts.json.

Receipt / Report

Itemized sales receipt with subtotal, tax, and total through the Receipt recipe.

Harbor & Oak Cafe
214 Wharf Street, Portland, ME 04101
Sales Receipt
Walk-in Guest
2026-06-08

Description	Amount
Cold Brew Coffee (2)	\$9.00
Almond Croissant	\$4.75
Avocado Toast	\$11.50
Sparkling Water	\$3.25
Subtotal: \$28.50	
Tax: \$2.28	
Total: \$30.78	

Rendered from Rendro.Recipes.Receipt with deterministic: true.
Recorded in assets/rendro/artifacts.json.

Certificate

Landscape certificate with a Path-backed, geometry-derived border frame.



Rendered from Rendro.Recipes.Certificate with deterministic: true.
Recorded in assets/rendro/artifacts.json.

Payslip

Payslip with earnings, deductions, year-to-date figures, and a reconciled net pay.

Employer: Aurora Live					
18 Northgate Road, Manchester M3 2LF					
Employee: Jordan Vega (E-*****4821) • 1257L					
Pay Period: 2026-06-01 - 2026-06-30					
Pay Date: 2026-07-05					
NET PAY				\$3,292.50	
Earnings	Current	YTD	Deductions	Current	YTD
Base Salary	\$4,200.00	\$25,200.00	Income Tax	\$742.00	\$4,452.00
			(PAYE)		
Performance Bonus	\$350.00	\$1,050.00	National Insurance	\$288.00	\$1,728.00
			Pension Contribution	\$227.50	\$1,365.00
Gross Pay	\$4,550.00		Total Deductions	\$1,257.50	
Gross Pay \$4,550.00 - Total Deductions \$1,257.50 = NET PAY \$3,292.50					

Rendered from Rendro.Recipes.Payslip with deterministic: true.
Recorded in assets/rendro/artifacts.json.

Ticket

Event ticket with a placement grid and a quotable, human-readable reference code.

Aurora Live - The Foundry Hall

Indie Night: The Lumen Set

Doors 7:00 PM - Show 8:00 PM -

Saturday 27 June 2026

SECTION	ROW	SEAT	GATE
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GA	H	24	B
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Reference

AUR-88213-GA

Present this reference
at entry.

Non-transferable. Valid photo ID may be required at entry. No refunds or exchanges except as required by law. Present this reference at the gate for scanning.

Rendered from Rendro.Recipes.Ticket with deterministic: true.
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Invoice (Dark)

Invoice in dark mode via Theme.dark/1 - screen-oriented, not print-recommended.

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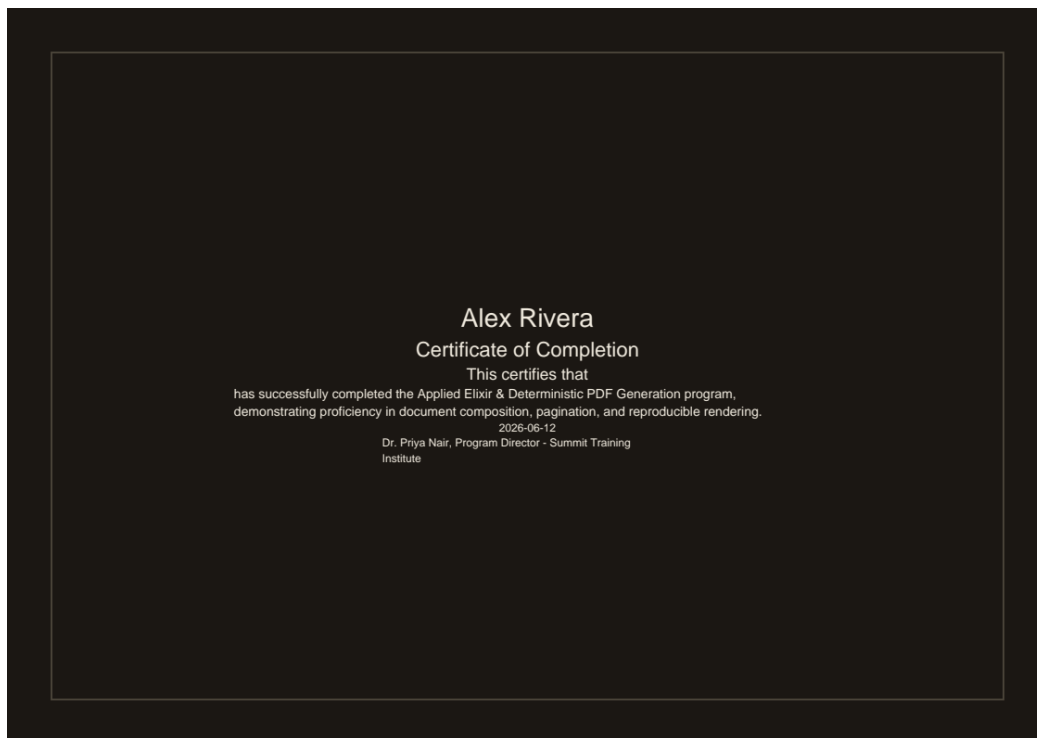
Due: 2026-07-11

Thank you for your business!

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Certificate (Dark)

Certificate in dark mode via Theme.dark/1 - screen-oriented, not for print.



Rendered from Rendro.Recipes.Certificate with deterministic: true.
Recorded in assets/rendro/artifacts.json.

Ticket (Dark)

Ticket in dark mode via Theme.dark/1 - screen-oriented, not print-recommended.

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Rendered from Rendro.Recipes.Ticket with deterministic: true.
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Invoice (Branded Accent)

Invoice themed via from_brand(accent: "#0E7C76") - accent-only, no assets.

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Determinism Proof

assets/rendro/artifacts.json records source PDF hashes and PNG hashes.
The manifest also records renderer metadata and the manual.pdf hash.
Run `mix rendro.launch_artifacts.check` in a pinned pdfium environment.
The task regenerates and compares the full artifact set.

Path primitive proof

The certificate frame and diagram are authored as Rendro Path data.
Both render through the same standard pipeline.



The required docs contract checks source PDFs and the manual.
The advisory raster lane checks PNG raster drift.