

Q2 SAMPLE REPORT

Composing real documents with GraphCompose

A single Java DSL describes intent — **modules, sections, rows, tables, shapes, layers** — and the engine resolves layout, pagination, and **PDFBox rendering** deterministically. This document is generated by one `MasterShowcaseExample.java` file.

Highlight

Status: **On track** — **675 / 675 tests green** — Q2 release window confirmed for June 2026.

Performance: invoice-template 13.4 ms avg, 75 docs/sec; feature-rich 36.8 ms avg, 27 docs/sec.



Audit ID



DemchaAV/GraphCompose

Executive summary

v1.5 lands the cinematic features that turn GraphCompose from "tidy PDF layouter" into a designed-document engine: **shape-as-container with clip path, rotate / scale + per-layer z-index, advanced tables (row span, zebra, totals, repeating header)**, and two cinematic templates **InvoiceTemplateV2 / ProposalTemplateV2** driven by **BusinessTheme**.

Quarterly numbers

Repeated header + zebra rows + bold totals; the table paginates row-by-row across the next page so column titles stay visible.

Code	Initiative	Hours	Owner	Amount
INV-100	Initiative 1 — quarterly delivery slice	40 h	Studio	£ 1,800
INV-101	Initiative 2 — quarterly delivery slice	43 h	Audit	£ 2,015
INV-102	Initiative 3 — quarterly delivery slice	46 h	Build	£ 2,230
INV-103	Initiative 4 — quarterly delivery slice	49 h	Studio	£ 2,445
INV-104	Initiative 5 — quarterly delivery slice	52 h	Audit	£ 2,660
INV-105	Initiative 6 — quarterly delivery slice	55 h	Build	£ 2,875
INV-106	Initiative 7 — quarterly delivery slice	58 h	Studio	£ 3,090
INV-107	Initiative 8 — quarterly delivery slice	61 h	Audit	£ 3,305

Code	Initiative	Hours	Owner	Amount
INV-108	Initiative 9 — quarterly delivery slice	64 h	Build	£ 3,520
INV-109	Initiative 10 — quarterly delivery slice	67 h	Studio	£ 3,735
INV-110	Initiative 11 — quarterly delivery slice	70 h	Audit	£ 3,950
INV-111	Initiative 12 — quarterly delivery slice	73 h	Build	£ 4,165
INV-112	Initiative 13 — quarterly delivery slice	76 h	Studio	£ 4,380
INV-113	Initiative 14 — quarterly delivery slice	79 h	Audit	£ 4,595
INV-114	Initiative 15 — quarterly delivery slice	82 h	Build	£ 4,810
INV-115	Initiative 16 — quarterly delivery slice	85 h	Studio	£ 5,025
INV-116	Initiative 17 — quarterly delivery slice	88 h	Audit	£ 5,240
INV-117	Initiative 18 — quarterly delivery slice	91 h	Build	£ 5,455
INV-118	Initiative 19 — quarterly delivery slice	94 h	Studio	£ 5,670
INV-119	Initiative 20 — quarterly delivery slice	97 h	Audit	£ 5,885
INV-120	Initiative 21 — quarterly delivery slice	100 h	Build	£ 6,100
INV-121	Initiative 22 — quarterly delivery slice	103 h	Studio	£ 6,315
INV-122	Initiative 23 — quarterly delivery slice	106 h	Audit	£ 6,530
INV-123	Initiative 24 — quarterly delivery slice	109 h	Build	£ 6,745
TOT	Total quarterly spend	—	—	£ 102,720

Cinematic templates

`InvoiceTemplateV2`

Same data renders through classic / modern / executive themes — switch the constructor argument, ship a new look.

Shape-as-container

`addCircle + clip path`

`ClipPolicy.CLIP_PATH` clips children to the actual outline — DOCX falls back inline with a one-time capability warning.

Transformable mixin

`rotate / scale on every shape`

v1.5 extends `Transformable<T>` to every leaf builder so any shape rotates around its placement centre.

Action items

- Tag **v1.5.0** on main once develop is merged through PR. **Owner: maintainer.**
- Open **ADR 0003** for Phase A nested-list ergonomics. **Owner: contributor.**
- Ship Phase B composed-cell content ahead of Phase C canvas. **Owner: contributor.**

Source: `examples/.../MasterShowcaseExample.java` — every visible token routes through `BusinessTheme.modern()` so the same source renders any of classic / modern / executive themes.

