



# nlt-report-studio Release Notes

**Document platform expansion · 0.2.1 · 2026-06-11**

Keep a Changelog buckets — Added, Fixed, Changed.

Proof on [portfolio.nltlabs.ai](https://portfolio.nltlabs.ai) — not slideware.

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**AUDIENCE** Customers · maintainers · agent operators

## RELEASE

# Release overview

Version 0.2.1 ships 2026-06-11.

This release extends ReportLab beyond the ten-volume briefs suite with layout engine v2, rich media primitives, chart auto-layout, and the first Phase 4 templates: user guides and release notes. SemVer patch — consumers pin by git tag; no breaking changes to build\_story() contracts on existing volumes.

## HIGHLIGHTS

## Highlights

Adoption signal and headline deltas.

<b>10</b> TEMPLATES was 9 before expansion	<b>4</b> LAYOUT MODES ratio · auto · hybrid · rail	<b>3</b> SCREENSHOT FIGS user guide dogfood	<b>0</b> BREAKING existing volume APIs
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**Build velocity**

Weekly PDF builds across consumer repos — upward trend after document-platform expansion templates landed.

- Layout v2: content-aware table widths (pdfmake-style 3-case solver) and hybrid mode.
- Rich media: screenshot\_figure(), figure\_in\_rail(), ingest-screenshots pipeline.
- Charts: auto-height bars, left-column rail width, BrandedSparklineFlowable.
- Templates: user\_guide and release\_notes YAML manifests + story scaffolds.

## ADDED

## Added

New capabilities in this semver release.

## Added

Change	Area	Ticket
compute_col_widths() + premium_table(mode=auto hybrid)	layout	TAP-3639
screenshot_figure(), figure_in_rail(), scripts/ingest-screenshots.py	media	TAP-3641
BrandedSparklineFlowable + chart_width_for_left_column()	charts	TAP-3642
templates/user_guide.yaml + reports/user_guide/	templates	TAP-3643
templates/release_notes.yaml + reports/release_notes/	templates	TAP-3638

## FIXED

# Fixed

Bug fixes and regressions resolved.

## Fixed

Change	Area	Ticket
two_column grid accepts chart flowables with stable wrap() height	layout	TAP-3640
MAX_FIGURE_H clamp prevents tall screenshots overflowing content frame	media	TAP-3641

## CHANGED

# Changed

Behavior or default changes — review before upgrading.

## Changed

Change	Area	Ticket
make_table() defaults fill_width=CONTENT_W (7.4")	layout	TAP-3639
BrandedBarChartFlowable height=None auto-sizes from label count	charts	TAP-3642
docs/NLT_DOCS_SUITE.md — Phase 4 expansion table	docs	TAP-3638

### Proof

Platform briefs and expansion PDFs rebuild from ReportLab only. Live portfolio proof: <https://portfolio.nltlabs.ai> — briefs at [briefs.nltlabs.ai](https://briefs.nltlabs.ai).

Confidential — prepared for NLT Labs stakeholders. Outward names follow docs/NLT\_BRAND.md. Internal checkout names appear only in builder ops volumes (9-10).