

Package: easeling (via r-universe)

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Type Package

Title Minimal DrawingML Graphics Device for openxlsx2

Version 0.1.0

Description A base-R graphics device that writes R plots directly as OOXML DrawingML shapes, for use with openxlsx2::wb_add_drawing(). No dependency on Cairo, FreeType, fontconfig, or xml2.

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Encoding UTF-8

NeedsCompilation yes

Config/roxygen2/version 8.0.0

Suggests openxlsx2, testthat (>= 3.0.0)

Config/testthat/edition 3

Repository <https://janmarvin.r-universe.dev>

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RemoteUrl <https://github.com/JanMarvin/easeling>

RemoteRef HEAD

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easel_dev

*Open a DrawingML graphics device for openxlsx2***Description**

Draws directly to a standalone DrawingML XML file containing ‘xdr:sp’ shapes, suitable for ‘openxlsx2::wb_add_drawing(xml = file)’. No dependency on Cairo, FreeType, fontconfig, or xml2.

Usage

```
easel_dev(
  file = tempfile(fileext = ".xml"),
  width = 6,
  height = 6,
  pointsize = 12,
  fontname = "Calibri",
  underline = FALSE,
  strikeout = FALSE
)
```

Arguments

file	Path to the output XML file. Defaults to a temp file.
width, height	Device size in inches.
pointsize	Default font pointsize.
fontname	Default font typeface (matches ‘openxlsx2::wb_add_font()’s ‘name’ argument), e.g. “Calibri”, “Arial”. Used whenever R itself doesn’t request a specific family — i.e. whenever a plot’s own ‘family’/‘fontfamily’ is unset or is one of R’s generic aliases (“sans”, “serif”, “mono”, “symbol”, or “”). If a plot sets an actual font name (e.g. ‘par(family = “Georgia”)’ or ‘theme_minimal(base_family = “Georgia”)’), that takes priority over this default.
underline, strikeout	Apply underline/strikeout to all text on this device. Unlike ‘fontname’, these have no per-call R equivalent (base graphics has no underline/strikeout concept), so they’re a device-wide setting.

Value

The output file path, invisibly.

Examples

```
f <- easel_dev(width = 6, height = 4, fontname = "Georgia")
plot(1:10, (1:10)^2, type = "b")
dev.off()
```

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