releases / rust / music / publishing

Guidedog 1.0.0-beta.9

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Abstract

Native LilyPond music engraving in RST and MyST, accessible localized score assets for HTML and PDF, and reviewed manual translations.

We can now write musical scores directly in an RST or MyST `lilypond` directive without installing an external LilyPond binary. Guidedog's in-process reader, rational score model and native engraver produce outlined Bravura SVG or PNG figures for websites and multi-system PDF books. Up to four voices sound together on a staff, with local voice policies, `\shiftOn` and its relatives, mixed-rest placement and stacked dynamics.

Scores support captions, alternative text, figure references, adaptive dark-mode web rendering and system-level PDF page breaks. LilyPond 2.24 `\markup` works in scripts, tempo and rehearsal marks and instrument or staff-group names, while Scheme, layout and embedded-score markup are refused with placed diagnostics. Score SVGs carry `<title>` and `<desc>` accessibility descriptions alongside localized musical summaries and native key-signature orthography across all nine built-in UI languages.

`guidedog convert` names an unengraved LilyPond score file in a sentence, and `--lang` translates Guidedog's own labels in HTML and PDF output. Built-in CLDR date formatting now covers Hindi and Korean alongside the other seven UI languages. Temporary layout buffers in `gd-engrave` reserve and release through `Options::scratch`, and `--untrusted` builds engrave inline notation while refusing external `.ly` files and `\include`.

The music chapter covers directives, polyphony, lyrics, markup and trust boundaries, and teaches a four-bar melody from Beethoven's Joy theme. All six translated manuals, website editions and README files have been reviewed for native idiom and musical terminology. GDS 0015 records the accepted design and qualification evidence, and every unpacked platform archive exercises native music engraving with an empty PATH.