erlPress_core

Generate PDFs from your Erlang applications!

User applications based on the Adobe Portable Document Format, PDF, compose text, images, 2-D geometric objects, and presentation instructions for distribution across diverse output devices. The goal is faithful and consistent display of human-readable content. Presentation instructions are encoded in the page description language Adobe PostScript.

erlPress_core.01 functions transform human-readable content into Erlang data structures, generate Postscript object code, and format the code into properly structured PDF files. Based on *PDF Reference: third edition, Version 1.4*, *erlPress_lib.01* provides functions to:

- Display Adobe Type I fonts
- Position and copyfit text
- Justify, kern, and rotate text
- Specify and position images and graphic elements
- Support checklists

erlPress_lib.01 revises and extends the Hugh Watkins fork of the Erlang Erlguten library originally developed by Joe Armstrong. See: *https://github.com/hwatkins/erlguten*

Roadmap:

- ☐ Extend and debug Markdown parsing
- ☐ Ordered lists
- ☐ Footnotes
- ☐ Tables
- ☐ Articles and beads
- ☐ Test! Test! Test!
- ☐ TrueType and OpenType fonts
- ☐ Impostion and layout functions
- ☐ PDF-to-Erlang functions
- ☐ Applications for diverse print formats

erlPress_core.01 provides a foundation for development of Erlang applications that support creative generation of print formats ranging from business cards to technical books. We immodestly imagine the evolution of a comprehensive Human Communication Platform, HCP, parallel to OTP.

Join in!

Help make it so.