

# 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.

# Best of erlPress\_core.01

## Justified Text

This is normal text set in 14/21 Times Roman. It includes *emphasized terms*, set in Times-Italic. The TeX hyphenation algorithm is implemented. The term {person, "Joe"} is an Erlang term. The variable X, was immediately followed by a comma. The justification algorithm does proper  *Kerning*. AWAY is correctly kerned! Erlang terms {like, this} are typeset in *courier*.

## Boxed Text

This is normal text set in 10/15 Helvetica. It includes emphasized terms, set in Helvetica-Oblique. The TeX hyphenation algorithm is implemented. The term {person, "Joe"} is an Erlang term. The variable x, was immediately followed by a comma. The justification algorithm does proper kerning. AWAY is correctly kerned! Erlang terms {like, this} are typeset in courier.

## Poetry (Preformatted Text)

Two roads diverged in a yellow wood,  
And sorry I could not travel both  
And be one traveler, long I stood  
And looked down one as far as I could  
To where it bent in the undergrowth;  
- Robert Frost

# Centered Text

This is normal text set in 14/21 Times Roman.

It includes *emphasized terms*, set in Times-Italic. The TeX hyphenation algorithm is implemented. The term {person, "Joe"} is an Erlang term.

The variable X, was immediately followed by a comma. The justification algorithm does proper  *Kerning*.  
AWAY is correctly kerned! Erlang terms {like, this} are typeset in *courier*.

# Right Justified Text

This is normal text set in 14/21 Times Roman. It includes *emphasized terms*, set in Times-Italic. The TeX hyphenation algorithm is implemented. The term {person, "Joe"} is an Erlang term. The variable X, was immediately followed by a comma. The justification algorithm does proper  *Kerning*.  
AWAY is correctly kerned! Erlang terms {like, this} are typeset in *courier*.

# Kerning

The blahonga font will fall back to Times-Roman

This is a check of ( ) \ escape chars

This is a test of Kerning: AWAY again

This is a text without Kerning: AWAY again

# Fonts

Times-Roman 18 pt

*Times-Italic 18 pt*

**Times-Bold 18 pt**

*Times-BoldItalic 18 pt*

Courier 18 pt

*Courier-Oblique 18 pt*

**Courier-Bold 18 pt**

***Courier-BoldOblique 18 pt***

Helvetica 18 pt

*Helvetica-Oblique 18 pt*

**Helvetica-Bold 18 pt**

***Helvetica-BoldOblique 18 pt***

ΑΒΧΔΕΦΓΗΙΘΚΛΜΝΟΠΘΡΣΤΥςΩΞΨΖ

















































































































































































































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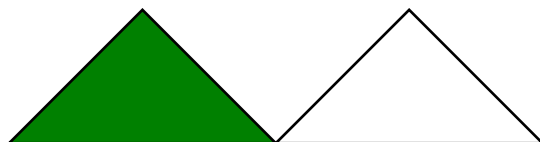
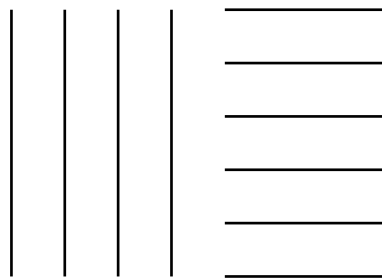
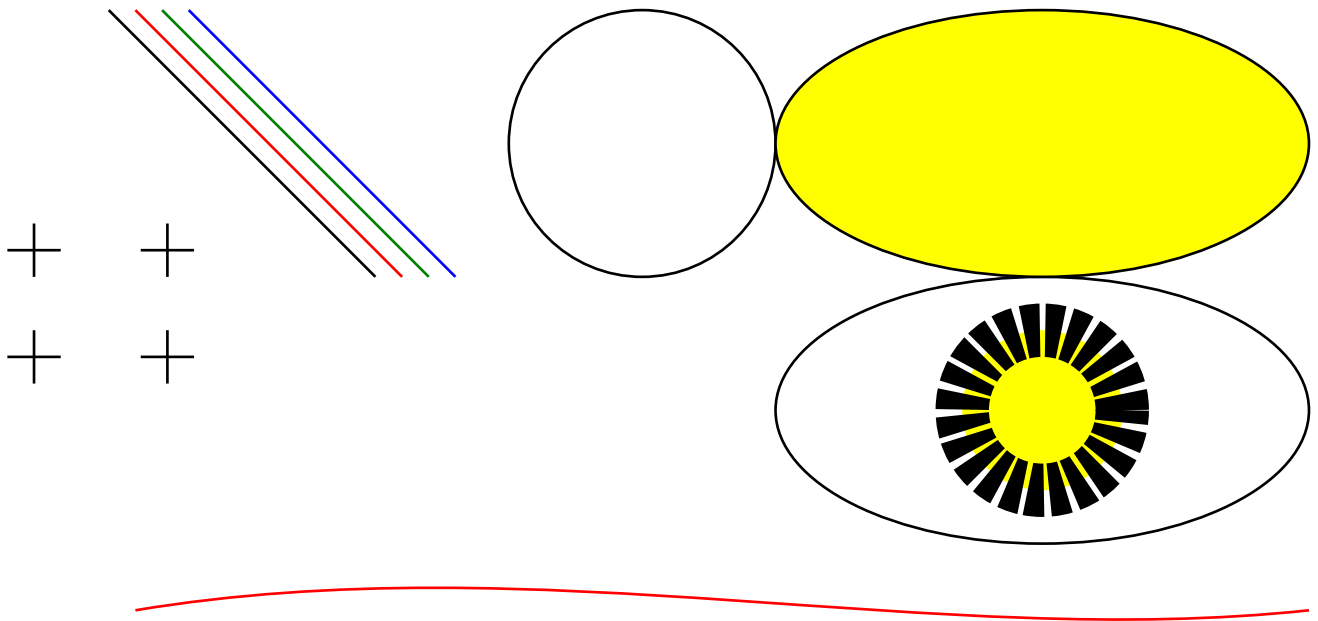
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# Colors

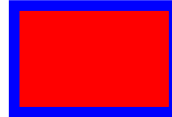
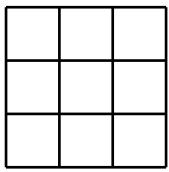
															
white	silver	gray	black	maroon	red	fuchsia	purple	lime	green	olive	yellow	navy	blue	teal	aqua
															
blue2	blue3	blue4	blueviolet	cornflowerblue	darkorchid	dodgerblue	mediumblue	mediumslateblue	purpleblue	skyblue2	slateblue	slateblue	slateblue	slateblue	slateblue
															
cadetblue	lightblue	lightseagreen	lightslategray	mediumturquoise	powderblue	skyblue	steelblue	turquoise	turquoise	turquoise	turquoise	turquoise	turquoise	turquoise	turquoise
															
aquamarine4	darkturquoise	lightseagreen	lightslategray	mediumturquoise	powderblue	skyblue	steelblue	turquoise	turquoise	turquoise	turquoise	turquoise	turquoise	turquoise	turquoise
															
antiquewhite4	beige	gainsboro	slategray	thistle	thistle	thistle	thistle	thistle	thistle	thistle	thistle	thistle	thistle	thistle	thistle
															
aquamarine	chartreuse	darkgreen	forestgreen	green2	green3	green4	lawngreen	limegreen	mediumaquamarine	mediumspringgreen	palegreen	palegreen	palegreen	palegreen	palegreen
															
seagreen	springgreen	yellowgreen	yellowgreen	yellowgreen	yellowgreen	yellowgreen	yellowgreen	yellowgreen	yellowgreen	yellowgreen	yellowgreen	yellowgreen	yellowgreen	yellowgreen	yellowgreen
															
magenta	magenta2	magenta3	magenta4	orchid	plum	violet	violet	violet	violet	violet	violet	violet	violet	violet	violet
															
brown	burlywood	chocolate	darkgoldenrod	darksalmon	firebrick	gold	goldenrod	hotpink	indianred	lightcoral	lightsalmon	lightsalmon	lightsalmon	lightsalmon	lightsalmon
															
maroon0	orange	orangered	palevioletred	peachpuff	pink	red2	red3	red4	rosybrown	salmon	sienna	tomato	violetred	violetred	violetred
															
aliceblue	azure	floralwhite	ghostwhite	ivory	lavender	lavenderblush	lightcyan	lightyellow	linen	mintcream	mistyrose	oldlace	seashell	snow	whitesmoke
															
antiquewhite	bisque	blanchedalmond	comsilk	darkkhaki	darkolivegreen	khaki	lemonchiffon	lightgoldenrod	lightgoldenrod	lightgoldenrod	lightgoldenrod	lightgoldenrod	lightgoldenrod	lightgoldenrod	lightgoldenrod
															
moccasin	palegoldenrod	tan	wheat	yellow2	yellow3	yellow4	yellow4	yellow4	yellow4	yellow4	yellow4	yellow4	yellow4	yellow4	yellow4

# Images

# Lines and Shapes



# Dots, Boxes, and Grids





Paper Stock: letter

Paper Stock: letter

# Th-th-th-that's all folks!

