

Introducing SILE

A New Typesetting System

Wide Margin

Leadership in Japanese House Churches

Simon Cozens

Template Instructions:

- **Pink (Safe) Area:** All text, important images, logos and barcode should remain inside the pink areas.
- **Blue (Bleed) Area:** All backgrounds should extend throughout the blue and pink areas. If a white background is desired, create a white box that covers the entire bleed area.
- **White (Template) Area:** No artwork should extend into the white areas that contain the black trim and fold marks and template info. **Please leave all elements outside of the pink and blue areas unaltered.**
- **Barcode Placement:** The provided barcode may be moved to any location within the pink area of the back cover.
- **Document Size:** The overall document size for this template is shown in the lower left corner. The final cover PDF submitted must match this size.

Pink and blue boxes must be completely covered when cover is submitted.



5.06 x 7.81
198 mm x 129 mm

.396
10.05mm

5.06 x 7.81
198 mm x 129 mm

Content Type: Standard Color
Paper Type: White
Page Count: 186
File Type: PDF
Request ID: CSS1267978

```
% cat > specfile.txt  
pages: 160  
title: Asian Christian Encounters  
author: Kang-San Tan  
isbn: 9780956594365  
blurb: ...
```

```
% perl cover.pl specfile.txt
```

SEP 13, 2014

Module version: 2.023

 [Source \(raw\)](#)

 [Browse \(raw\)](#)

 [Changes](#)


 [Clone repository](#)

 [Issues \(30\)](#)

  (10 reviews)

 [Testers \(847 / 0 / 0\)](#) 

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NAME

PDF::API2 - Facilitates the creation and modification of PDF files

SYNOPSIS

```

use PDF::API2;

# Create a blank PDF file
$pdf = PDF::API2->new();

# Open an existing PDF file
$pdf = PDF::API2->open('some.pdf');

# Add a blank page
$page = $pdf->page();

# Retrieve an existing page
$page = $pdf->openpage($page_number);

# Set the page size
$page->mediabox('Letter');

# Add a built-in font to the PDF
$font = $pdf->corefont('Helvetica-Bold');

# Add an external TTF font to the PDF
$font = $pdf->ttrfont('/path/to/font.ttf');

```

SEP 13, 2014

Module version: 2.023

[Source \(raw\)](#)

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[★★★★★ \(10 reviews\)](#)

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# Set the page size
$page->mediabox('Letter');

```

BARCODE METHODS

`$bc = $pdf->xo_codabar(%options)`

`$bc = $pdf->xo_code128(%options)`

`$bc = $pdf->xo_2of5int(%options)`

`$bc = $pdf->xo_3of9(%options)`

`$bc = $pdf->xo_ean13(%options)`

Creates the specified barcode object as a form XObject.

This study provides a survey of Japanese house church leaders, coupled with sociological analysis of leadership patterns in Japan focused primarily on the leadership of voluntary organisations and a historical review of house church movements, to determine the form and function of leaders and leadership within these movements. The key findings were that leadership is a function and not a role, is often coterminous with disciple-making, and can be characterized primarily in terms of the maintenance of group cohesion.

Wide Margin
Academical

ISBN 978-0-9565943-6-5



97809561594365

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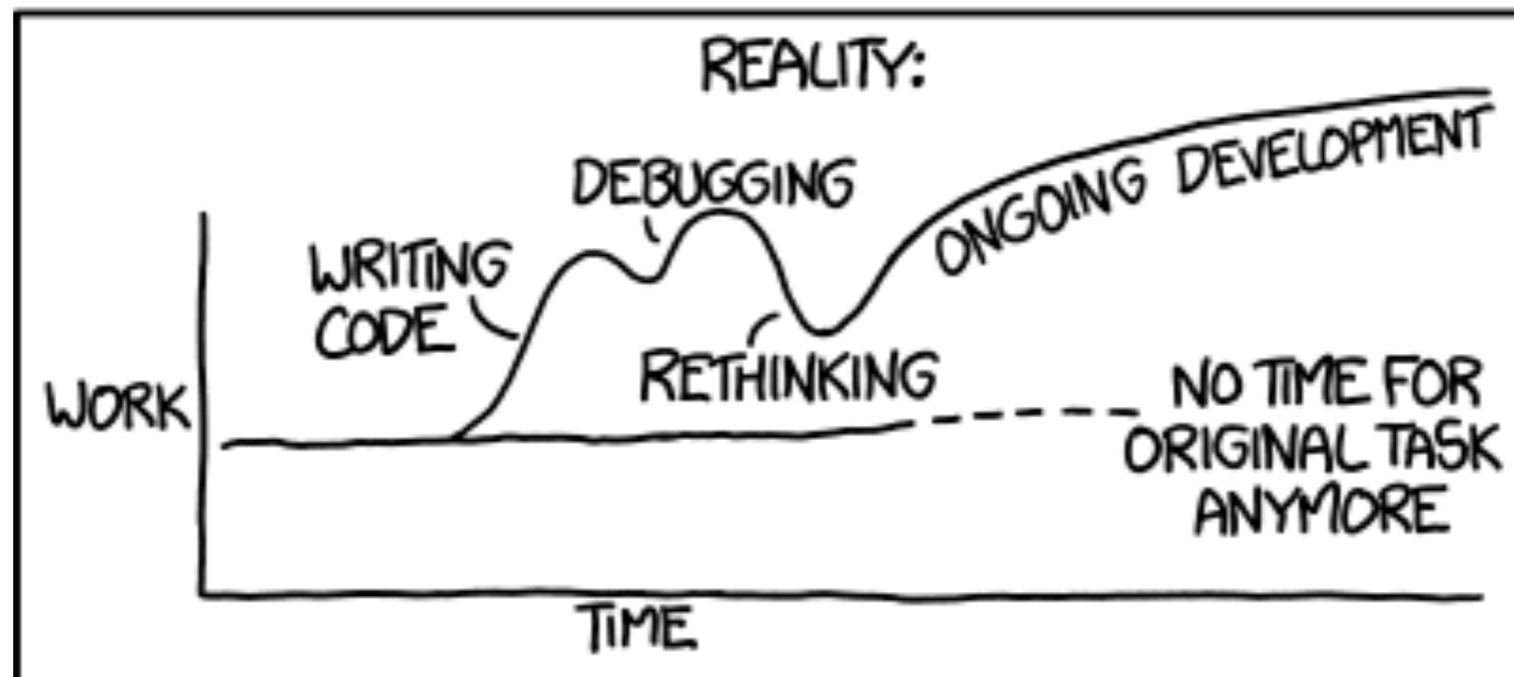
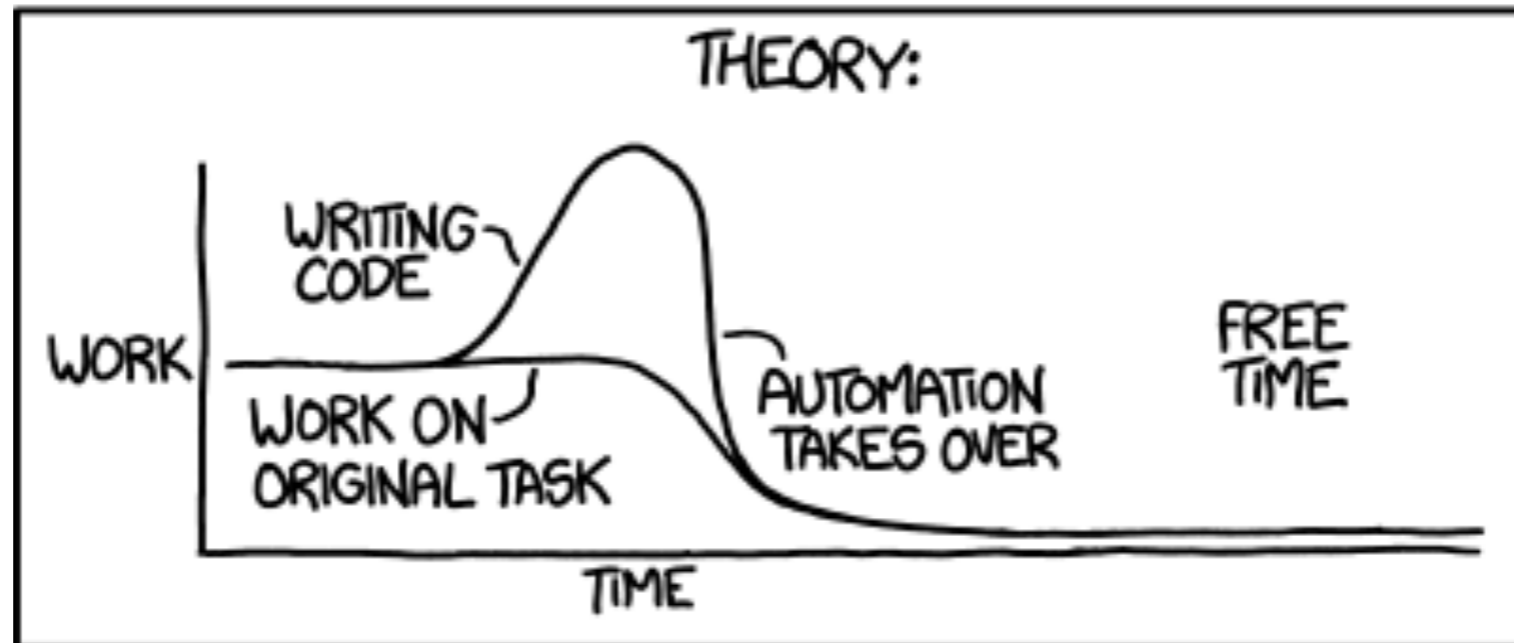
Wide Margin
Academical

ISBN 978-0-9565943-6-5



9 780956 594365

"I SPEND A LOT OF TIME ON THIS TASK.
I SHOULD WRITE A PROGRAM AUTOMATING IT!"



```

procedure try_break(pi : integer; break_type : small_number);
  label exit, done, done1, continue, deactivate, found, not_found;
  var r: pointer; { runs through the active list }
    prev_r: pointer; { stays a step behind r }
    old_l: halfword; { maximum line number in current equivalence class of lines }
    no_break_yet: boolean; { have we found a feasible break at cur_p? }
    ⟨ Other local variables for try_break 856 ⟩
  begin ⟨ Make sure that pi is in the proper range 857 ⟩;
  stat if tracing_paragraphs > 0 then
    begin begin_diagnostic; print_nl("@_Inside_try_break"); end; tats
    no_break_yet ← true; prev_r ← active; old_l ← 0; do_all_six(copy_to_cur_active);
    loop begin continue: r ← link(prev_r); ⟨ If node r is of type delta_node, update cur_active_width, set
      prev_r and prev_prev_r, then goto continue 858 ⟩;
    ⟨ If a line number class has ended, create new active nodes for the best feasible breaks in that class;
      then return if r = last_active, otherwise compute the new line_width 861 ⟩;
    ⟨ Consider the demerits for a line from r to cur_p; deactivate node r if it should no longer be active;
      then goto continue if a line from r to cur_p is infeasible, otherwise record a new feasible
      break 877 ⟩;
    end;
  exit: stat ⟨ Update the value of printed_node for symbolic displays 884 ⟩ tats
  end;

```

856. ⟨ Other local variables for *try_break* 856 ⟩ ≡

```

prev_prev_r: pointer; { a step behind prev_r, if type(prev_r) = delta_node }
s: pointer; { runs through nodes ahead of cur_p }
q: pointer; { points to a new node being created }
v: pointer; { points to a glue specification or a node ahead of cur_p }
t: integer; { node count, if cur_p is a discretionary node }
f: internal_font_number; { used in character width calculation }
l: halfword; { line number of current active node }
node_r_stays_active: boolean; { should node r remain in the active list? }

```

TEX LINE BREAKING ALGORITHM IN JAVASCRIPT

Source Code

This is an implementation of the [Knuth and Plass line breaking algorithm](#) using JavaScript. The goal of this project is to optimally set justified text in the browser, and ultimately provide a library for various line breaking algorithms in JavaScript.

The paragraph below is set using a JavaScript implementation of the classic Knuth and Plass algorithm as used in TeX. The numbers on the right of each line are the stretching or shrinking ratio compared to the optimal line width. This example uses a default space of $\frac{1}{3}$ em, with a stretchability and shrink-ability of $\frac{1}{6}$ em and $\frac{1}{9}$ em respectively.

In olden times when wishing still helped one, there lived a	0.950
king whose daughters were all beautiful; and the youngest was	-0.250
so beautiful that the sun itself, which has seen so much, was	0.500
astonished whenever it shone in her face. Close by the king's	0.350
castle lay a great dark forest, and under an old lime-tree in the	-0.188
forest was a well, and when the day was very warm, the king's	-0.250
child went out to the forest and sat down by the fountain; and	0.042
when she was bored she took a golden ball, and threw it up on	-0.173
high and caught it; and this ball was her favorite plaything.	0.001

MAR 17, 2011

Module version: 1.02

[Source \(raw\)](#)[Browse \(raw\)](#)[Changes](#)[Issues \(1\)](#)[Testers \(457 / 165 / 0\)](#) [Kwalitee](#)[License: perl_5](#)

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PERMALINKS

[This version](#)[Latest version](#)

S C O

NAME

Text::KnuthClass - Breaks paragraphs into lines using the TeX algorithm

SYNOPSIS

```
use Text::KnuthClass;
my $typesetter = Text::KnuthClass->new();
my @lines = $typesetter->typeset($paragraph);
...
```

To use with plain text:

```
for (@lines) {
    for (@{$_->{nodes}}) {
        if ($_->isa("Text::KnuthClass::Box")) { print $_->value }
        elsif ($_->isa("Text::KnuthClass::Glue")) { print " " }
    }
    if ($_->{nodes}[-1]->is_penalty) { print "-" }
    print "\n";
}
```

To use with PDF::API2:

```
my $text = $page->text;
$text->font($font, 12);
$text->lead(13.5);

my $t = Text::KnuthClass->new(
    measure => sub { $text->advancewidth(shift) },
    linelengths => [235]
);
my @lines = $t->typeset($paragraph);
```

DEC 08, 2008

Module version: 0.11

 [Source \(raw\)](#)


 [Browse \(raw\)](#)

 [Changes](#)

 [Issues](#)

 [Testers](#) (1125 / 0 / 0) 

 [Kwalitee](#)

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NAME

Text::Hyphen - determine positions for hyphens inside words

VERSION

Version 0.1

SYNOPSIS

This module implements Knuth-Liang algorithm to find positions inside words where it is possible to insert hyphens to break a line.

```
use Text::Hyphen;

my $hyphenator = new Text::Hyphen;

print $hyphenator->hyphenate('representation');
# prints rep-re-sen-ta-tion
```

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W

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9 780956 594365

W

DON'T KNOW IF STUPID



OR THE BEST IDEA EVER

Input



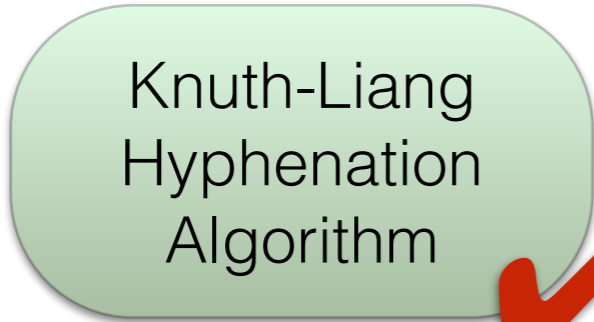
Input



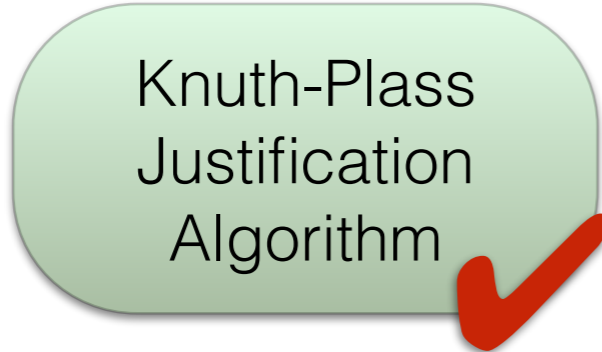
Knuth-Liang
Hyphenation
Algorithm



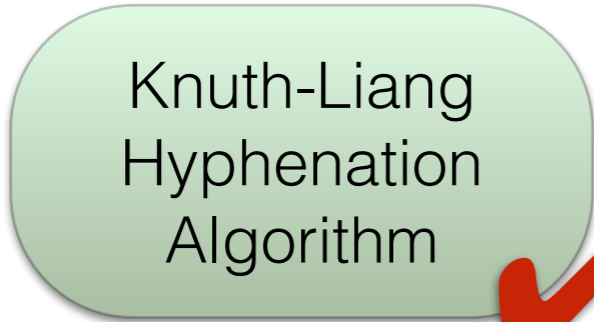
Input



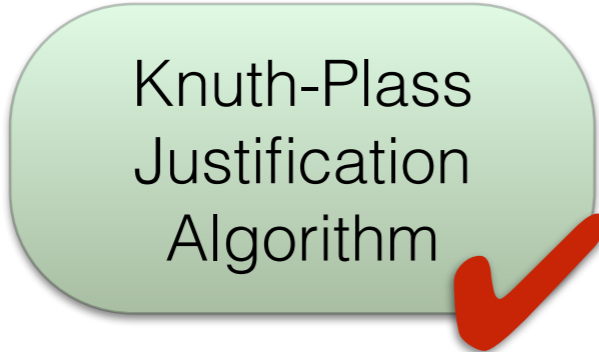
+



Input

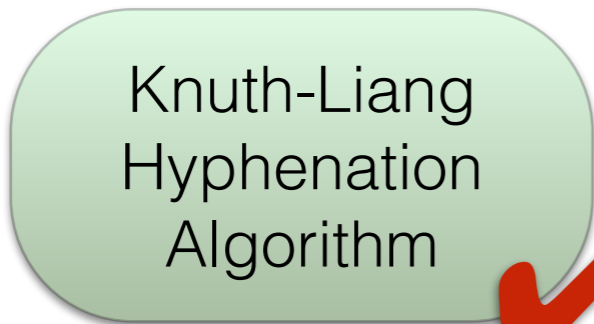


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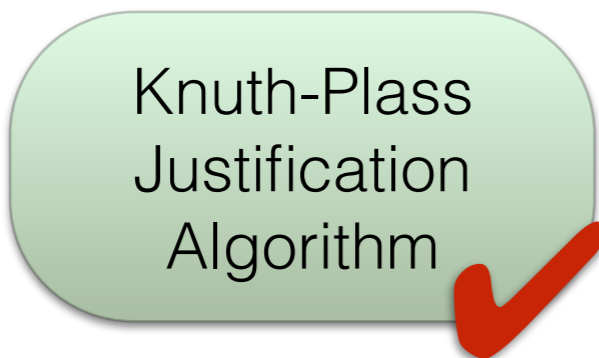


PDF

Input



+

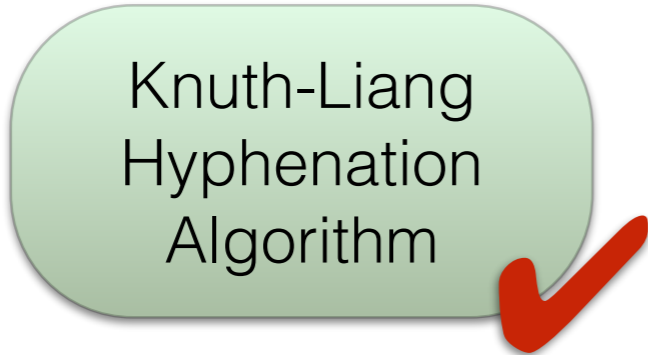


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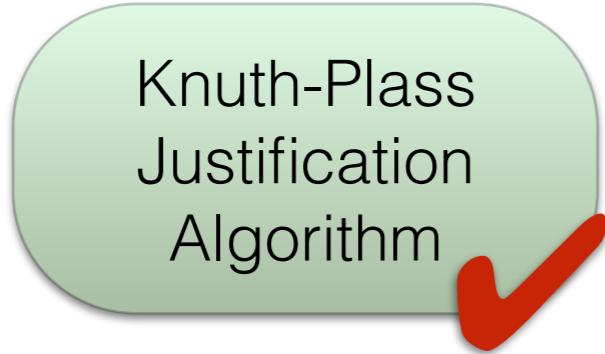


PDF

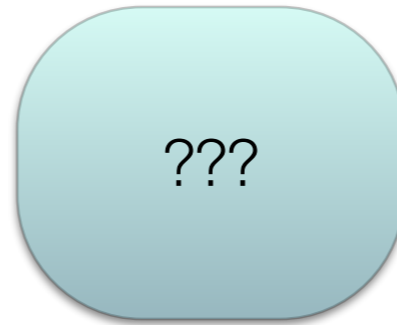
Input



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CTAN lion drawing by Duane Bibby; thanks to www.ctan.org



PDF

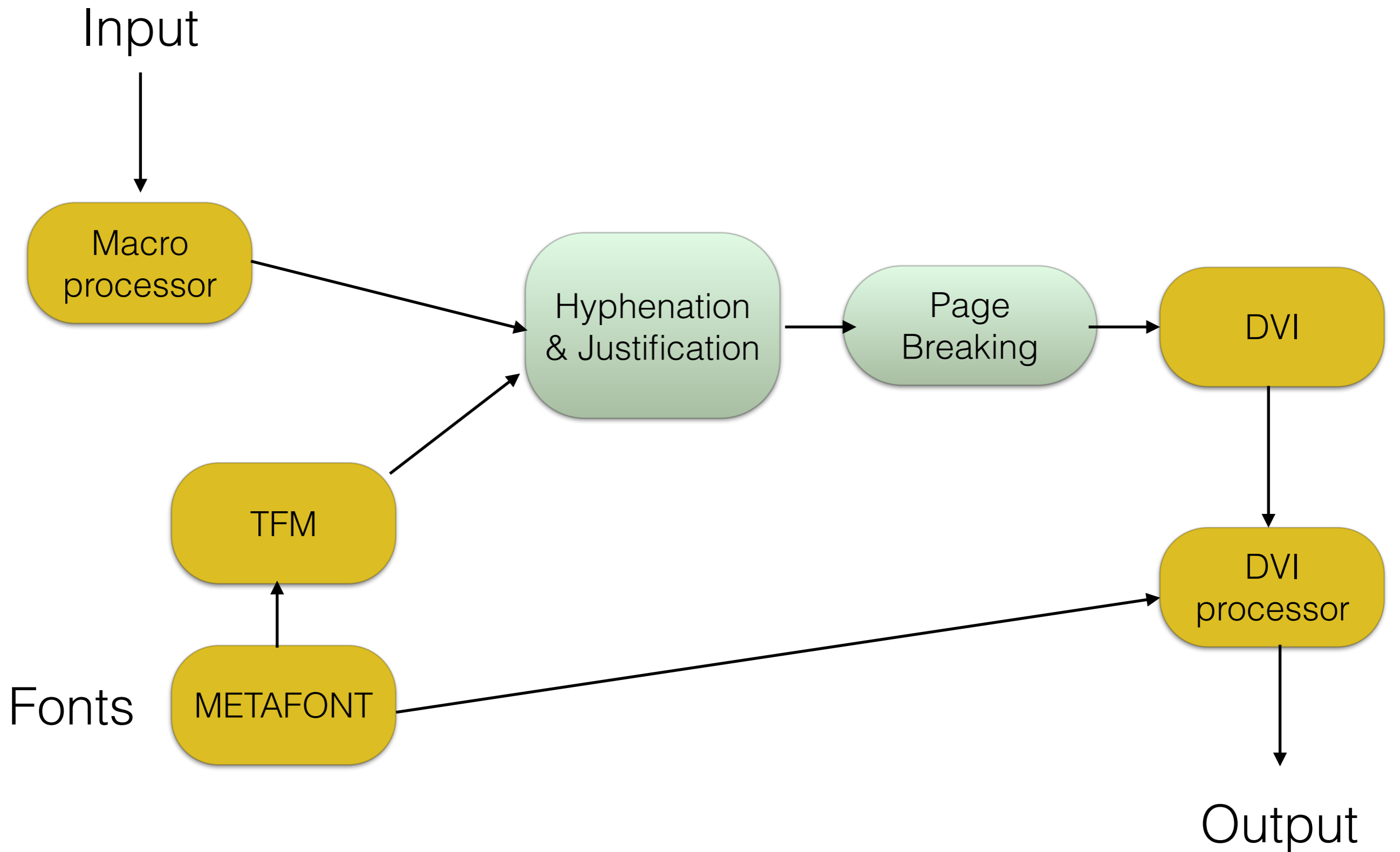
INTERMISSION

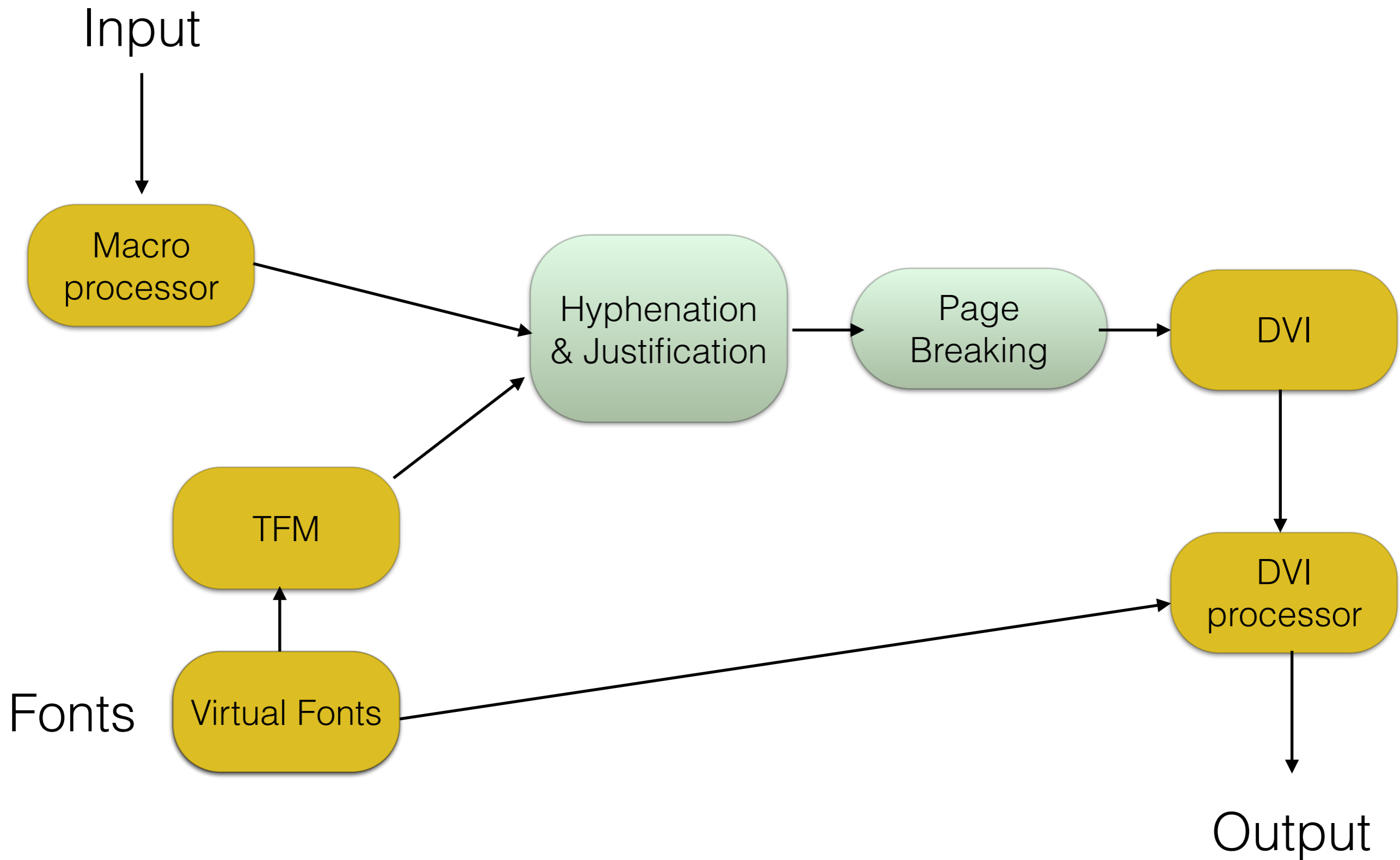
PRE-INTERMISSION
INTERMISSION

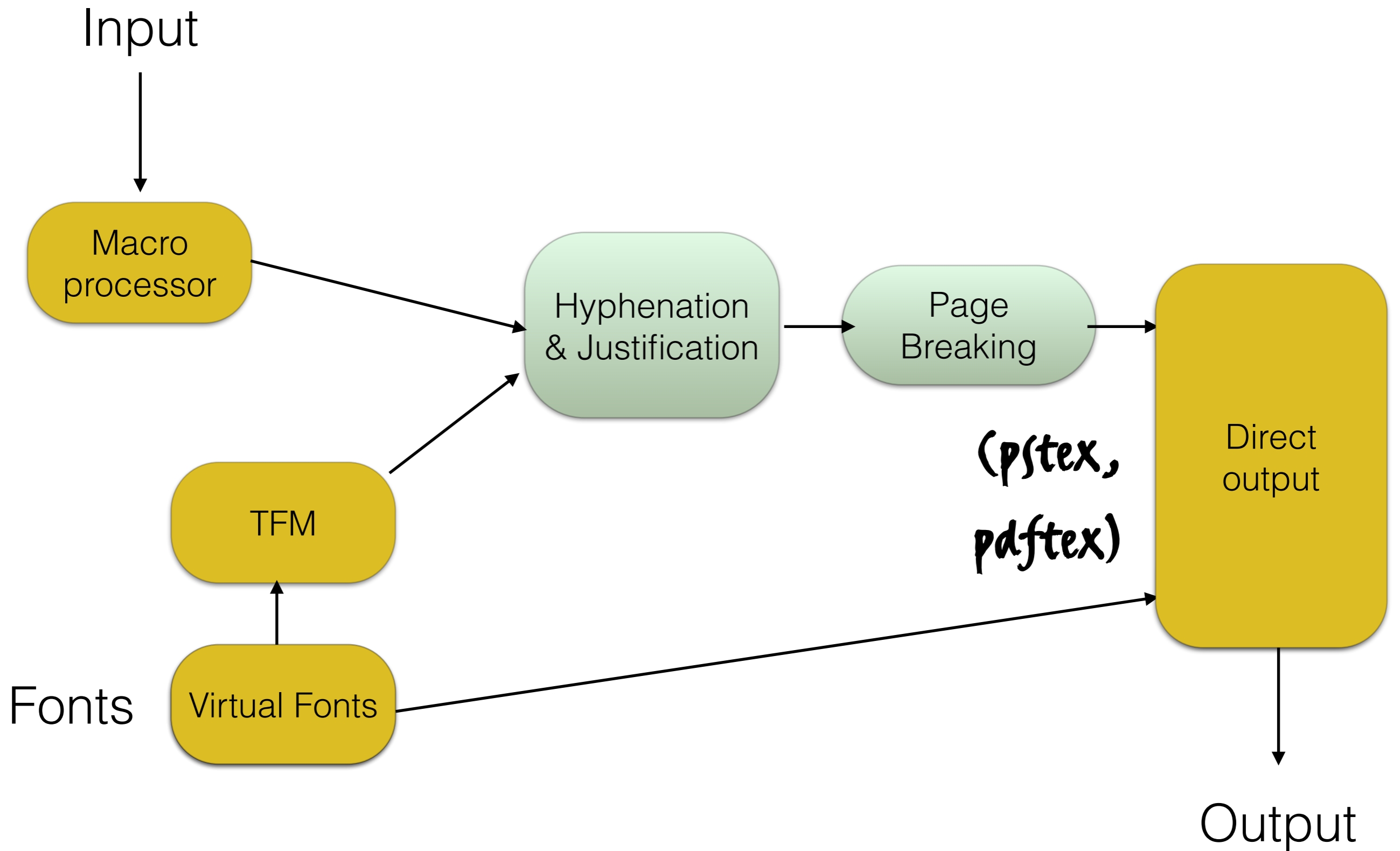
SILE is

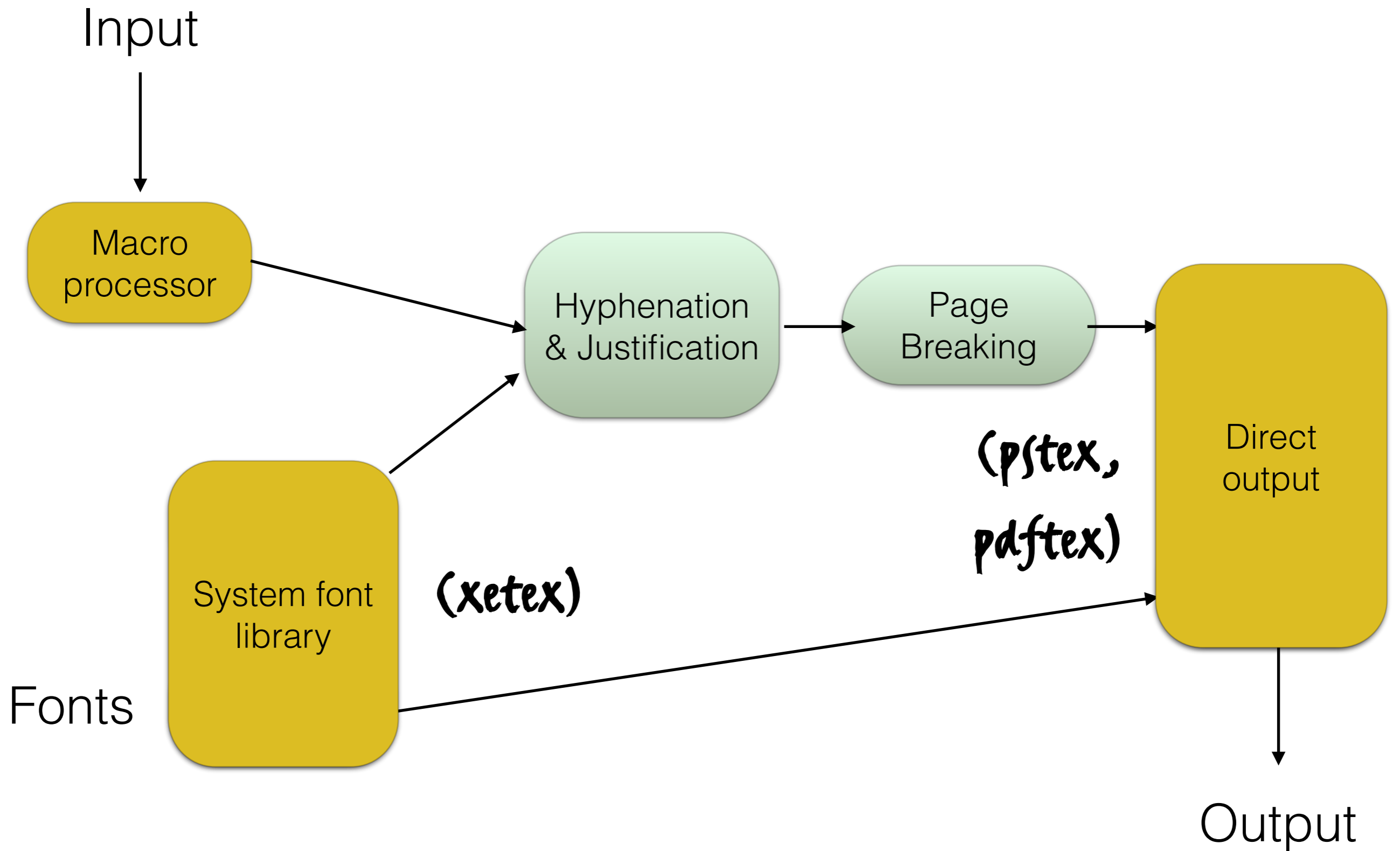
Not TEX

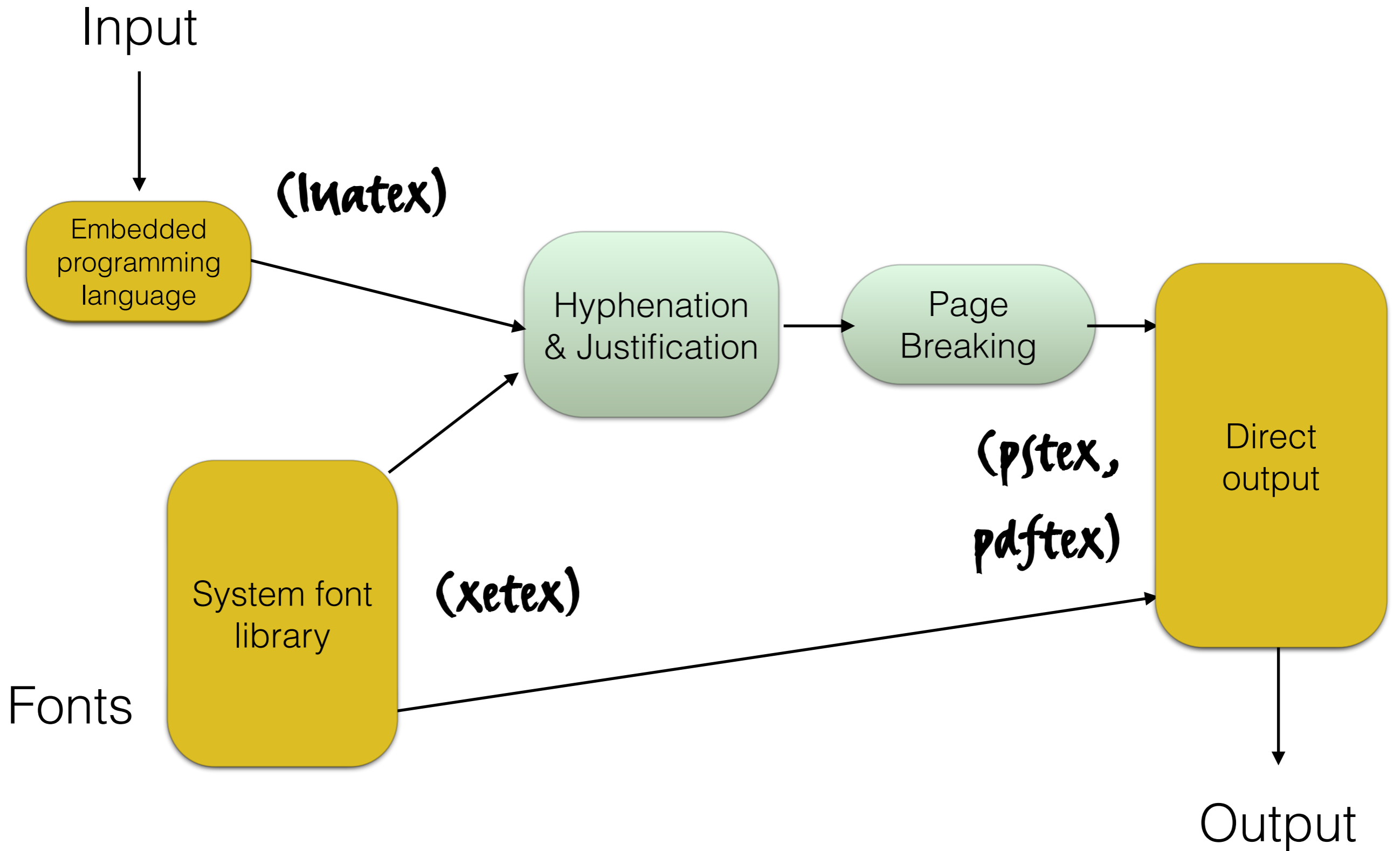
INTERMISSION











END OF
INTERMISSION



branch: master

cicero / inicicero.cic



simoncozens on Sep 2 Examples.

1 contributor

18 lines (17 sloc) | 0.554 kb

```
1 [%
2 SET fontdirs = [ "/Library/Fonts", "/Users/simon/Library/Fonts" ]
3 SET parindent = 20;
4 SET pagesize = "a4";
5 SET fontname = "GaramondPremrPro.otf";
6 SET fontsize = 12;
7 SET lead = 13.5;
8 SET color = "%996666ff"; # Rich black
9 SET top = 800;
10 SET left = 30;
11 SET textwidth = 500;
12 SET parshape = [ textwidth ];
13 SET tolerance = 1000;
14 SET output = "cicero.pdf";
15 MACRO bold BLOCK; SET fontname = "GaramondPremrPro-Smbd.otf"; END
16 MACRO italic BLOCK; SET fontname = "GaramondPremrPro-It.otf"; END
17 MACRO roman BLOCK; SET fontname = "GaramondPremrPro.otf"; END %]
```



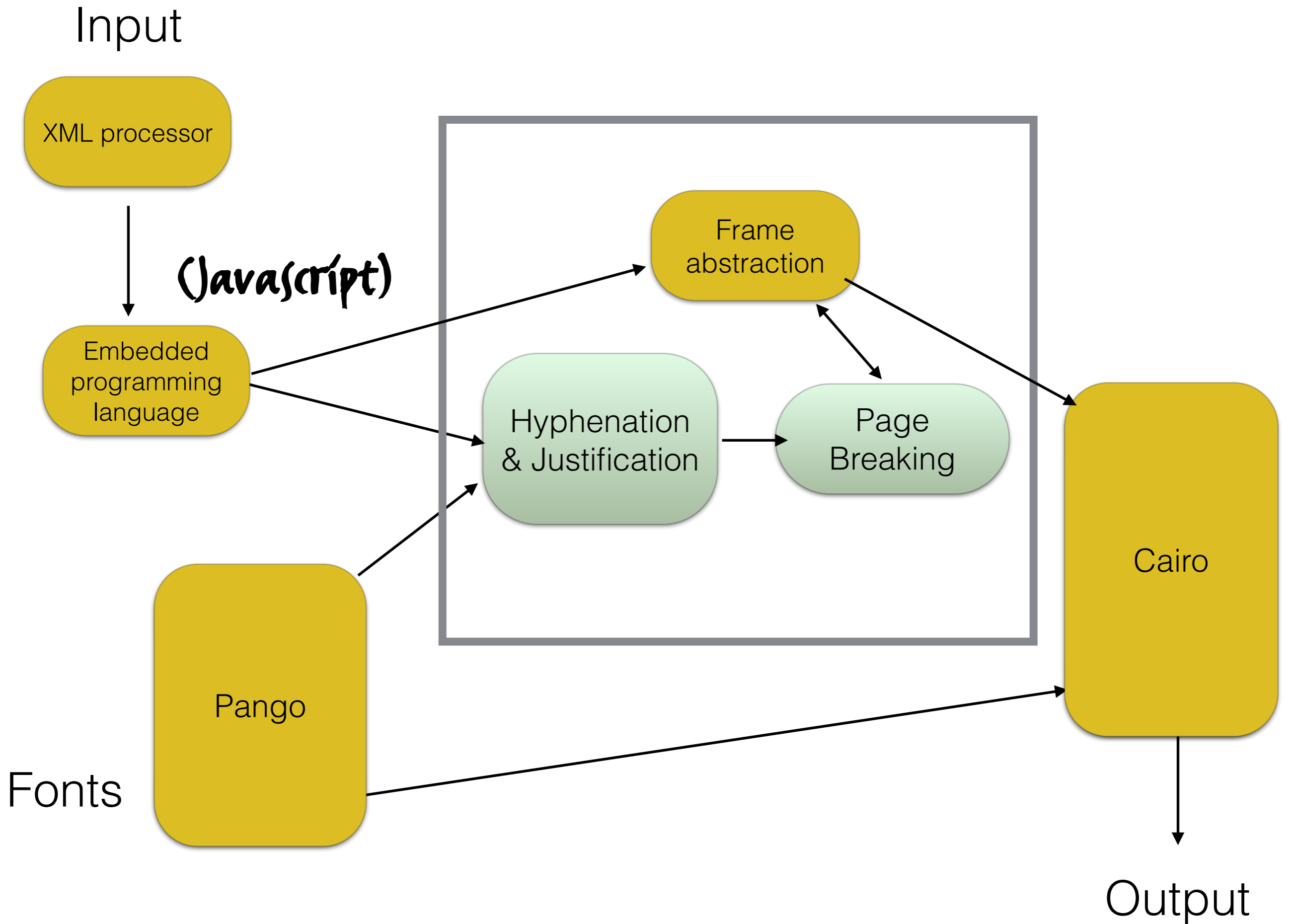


आमाके कचराको कटोरा



GAZI TANKS

USE ME



```
<sile papersize="129mm x 198mm">
<script src="packages/grid.js"/>
<define command="center">
  <glue stretch="10000"/><process/><glue ↵
stretch="10000"/>
</define>
<define command="headline">
  <skip height="1cm"/>
  <font family="Frutiger LT Std" weight="700" ↵
size="20"><center><process/></center></font>
  <skip height="0.5cm"/>
</define>

<headline>A Scandal In Belgravia</headline>
```




Hard things about Bible typesetting

Contextual shaping

U+0647 ARABIC LETTER HEH



Contextual shaping

U+0647 ARABIC LETTER HEH



Standard Arabic



Contextual shaping

U+0647 ARABIC LETTER HEH

ه ه ه

Standard Arabic

ه ه ه

Sindhi

ه ه ه

Contextual shaping

U+0647 ARABIC LETTER HEH

ه ه ه

Standard Arabic

ه ه ه

Sindhi

ه ه ه

Urdu

ہ ہ ہ

Language-specific typesetting conventions

Language-specific typesetting conventions

プロテスタントやカトリックの宣教に比べると、日本正教会が非常に貧しいでした。19世紀では、カトリックが26倍、プロテ

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プロテスタントやカトリックの宣教に比べると、日本正教会が非常に貧しいでした。19世紀では、カトリックが26倍、プロテスタントが正教会より15倍のお金を費やしました。一つの理由は、明治時代のキリスト教が西洋文化と強く結び付けられました。「プロテスタントとカトリックの宣教師が外国の文化の魅力を利用して、大志を抱いている明治の中流家庭にターゲットして、わりと金持ちの信者を集めました。」

Language-specific typesetting conventions

プロテスタントやカトリックの宣教に比べると、日本正教会が非常に貧しいでした。19世紀では、カトリックが26倍、プロテ

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Really thin paper

lorem
ipsum
dolor
sit amet



Plus foot + side notes

Job 5:12,13

Ps 33:10,11

2:9

2:2 Ps 25:12

Pr 2:1-

6; 8:17

2Pe 1:19

2:10

De 32:13

Ps 67:4;

105:3

Lu 2:10,20

Ac 13:46-48

Ro 15:9-13

2:11

Lu 2:16,

26-32,38

⁹After listening to the king, they set out, and the star they had seen in the east^e went ahead of them until it came and stopped over the place where the child was. ¹⁰When they saw the star, they were ecstatic with joy. ¹¹After they went into the house and saw the child with his mother Mary, they fell down and worshipped him. Then they opened their treasure sacks and offered him gifts of gold, frankincense,

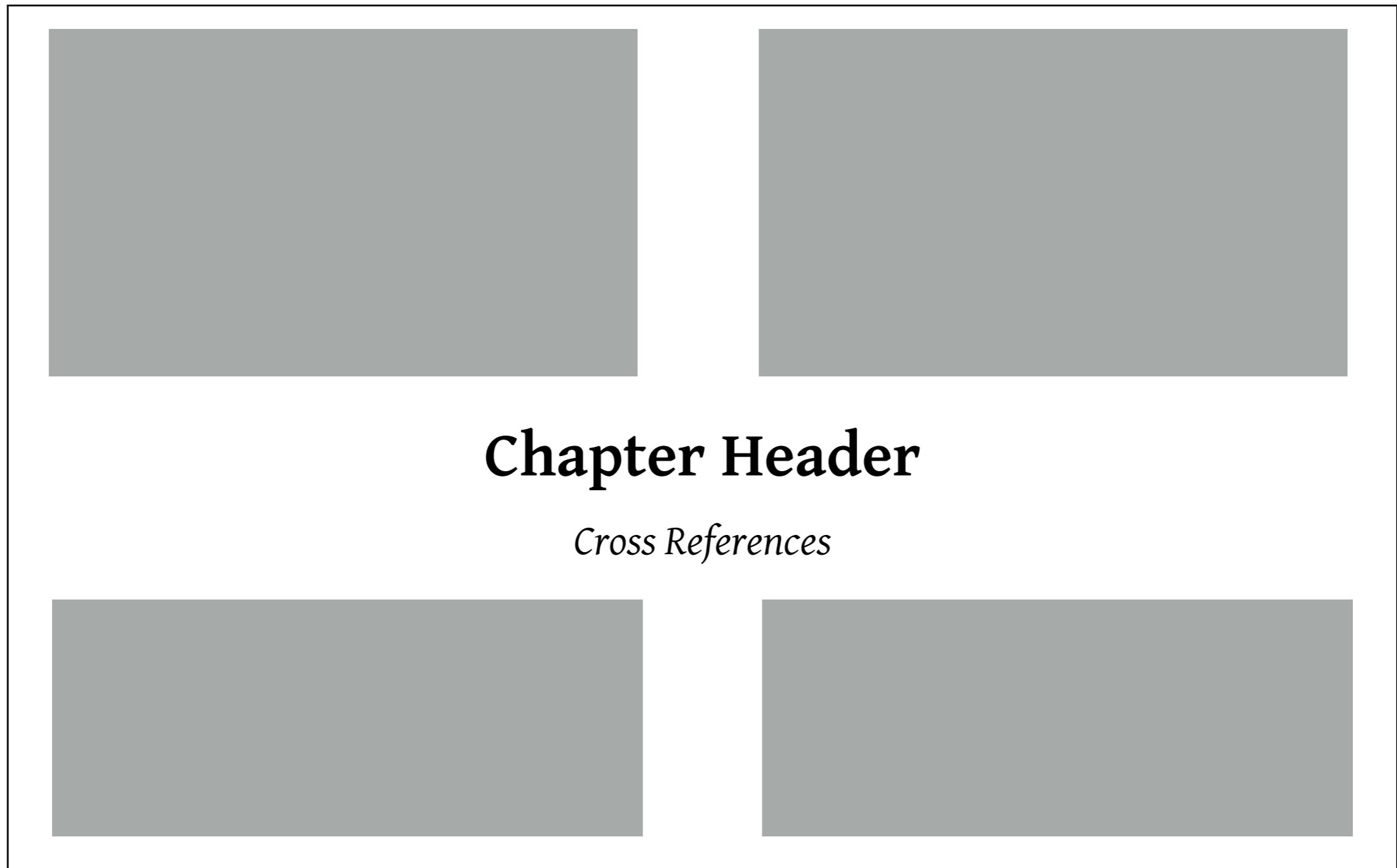
^a2:4 Or *Christ*

^b2:6 Or *govern*

^c2:6 Cf. Mic 5:2; 2

Sam 5:2 ^d2:8 The Gk. lacks *them* ^e2:9 Or *at its rising*

Columns, balancing and page breaks



Diglots and Parallels



10

Chapter Header

Cross References



10

Chapter Header

Cross References



Diglots and Parallels



Chapter Header

Cross References



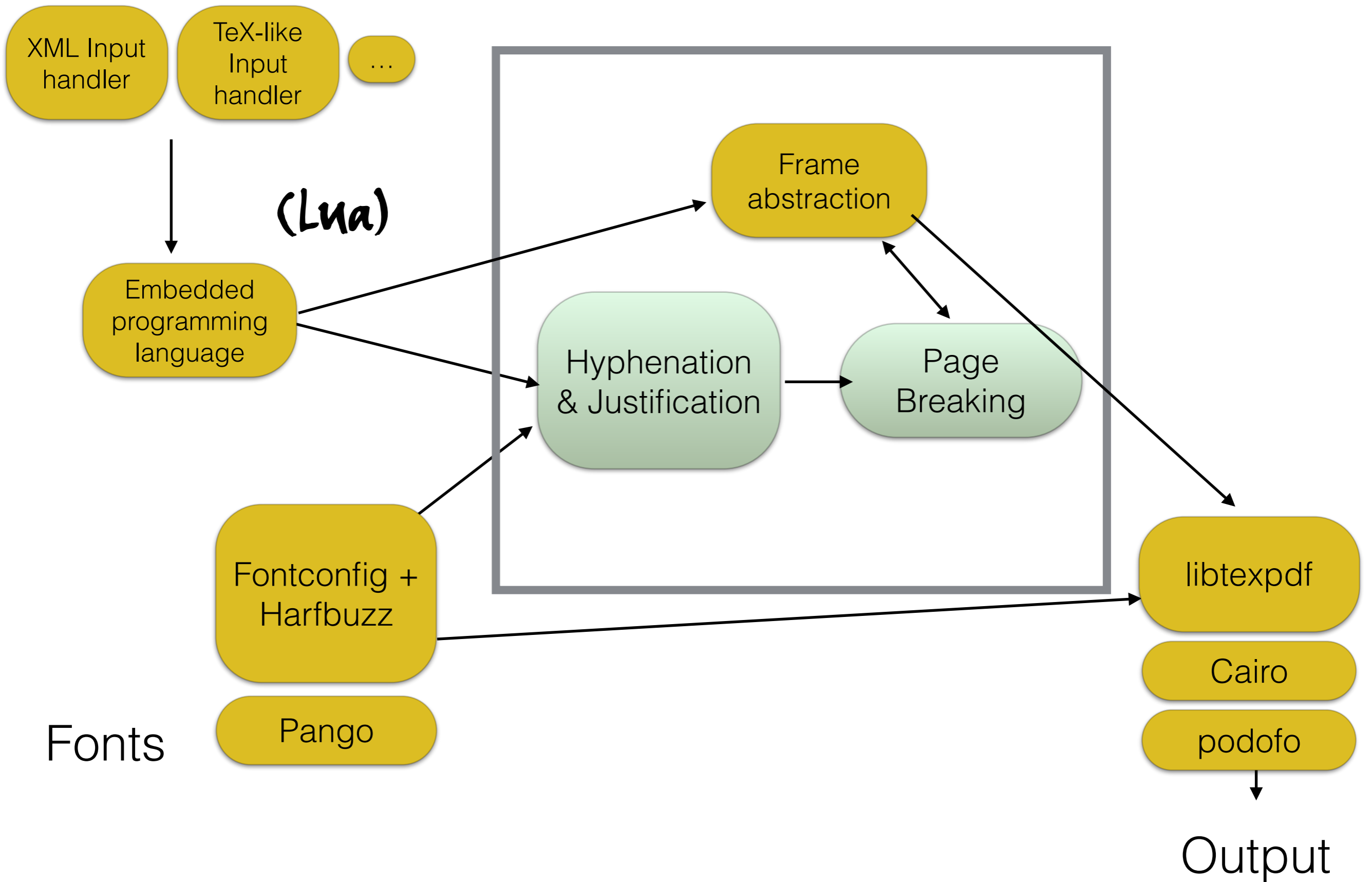
Chapter Header

Cross References



How does SILE help?

Input



Frames

The SILE Show-off Document

SILE is a typesetting system. Its job is to produce beautiful printed documents. It's similar to TeX, but with some ideas borrowed from InDesign, and written with modern technologies in mind.

Let's demonstrate some of the things which are interesting about SILE. On this page, we are demonstrating SILE's frame capabilities.

SILE's frame system allows you to declare areas of the page where your text should be set. The frames are specified declaratively; this means that you say that, for instance, the first two columns on this page must have the same width, and sit either side of a gutter of a particular size.

For this page we have also declared a sidebar frame of a particular width (200pt), and a box at the bottom of the page. The two columns will be flowed frames. In other words, once this left column is full, text will begin again on the right column. However, the sidebar frame and the bottom frame are not flowed frames; text will not spill over into them, but we

will enter text into those separately.

I'm not really expecting you to use this kind of magazine-style layout in your documents, but this is a demonstration of what you can do with the ability to define frames. Here is some more text for the sake of padding out the columns.

lorem ipsum dolor sit amet consetetur sadipscing elitr sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat sed diam voluptua at vero eos et accusam et justo duo dolores et ea rebum stet clita kasd gubergren no sea takimata sanctus est lorem ipsum dolor sit amet lorem ipsum dolor sit amet consetetur sadipscing elitr sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat sed diam voluptua at vero eos et accusam et justo duo dolores et ea rebum stet clita kasd gubergren no sea takimata sanctus est lorem ipsum dolor sit

Now I will typeset some text on the other frames of this page.

Table of Contents

Frames	1
Multilingual capabilities	2
Typesetting on a grid	3

The Bottom Frame

Here we are in the bottom frame. This frame stretches across the full width of the first two columns on the page, but it doesn't stretch as far as the third column. I've defined this frame to be precisely 90pt high, and so the two columns have adjusted their height to fit in with this one.

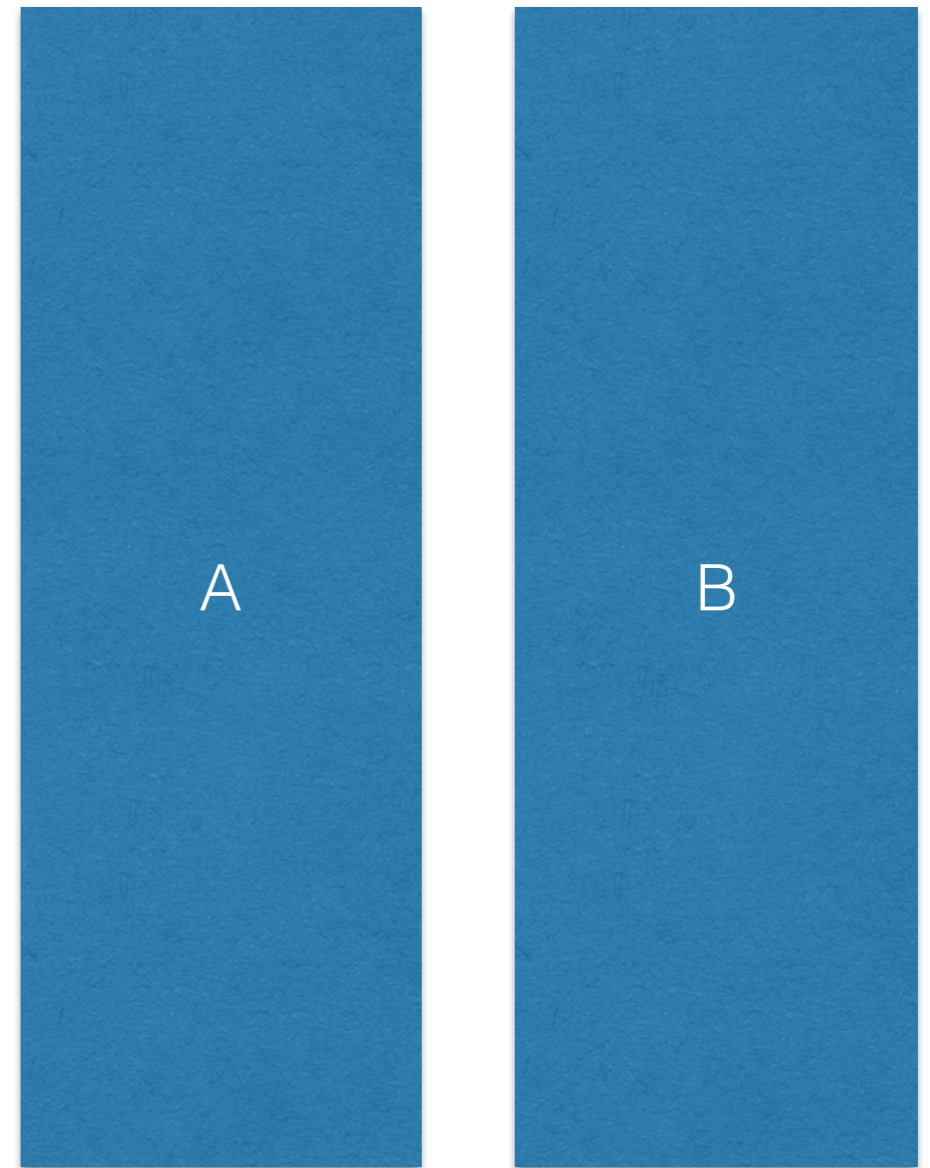
Cassowary constraint solver

$x + \text{width} \geq 100$
 $\text{width} := 90$
 $x ?$



Cassowary and Frames

gutter
↔

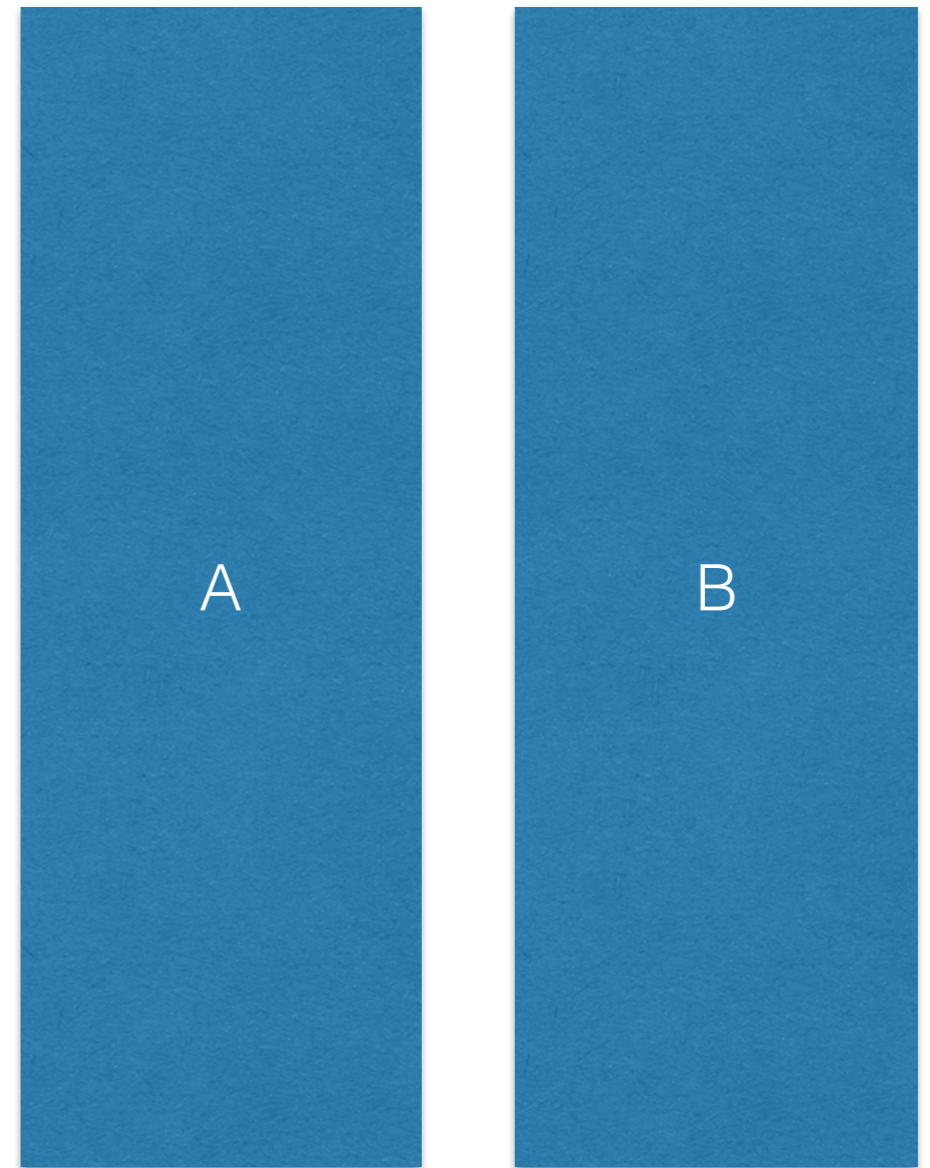


a: left=5%, right=48.5%

b: left=51.5%, right=95%

Cassowary and Frames

gutter
↔

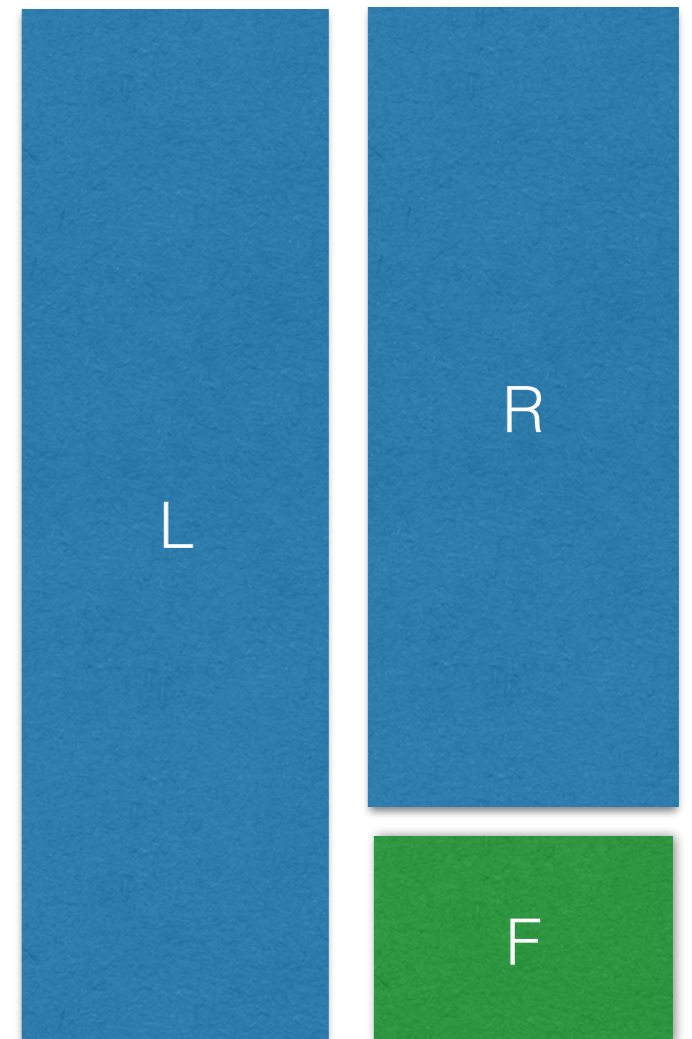
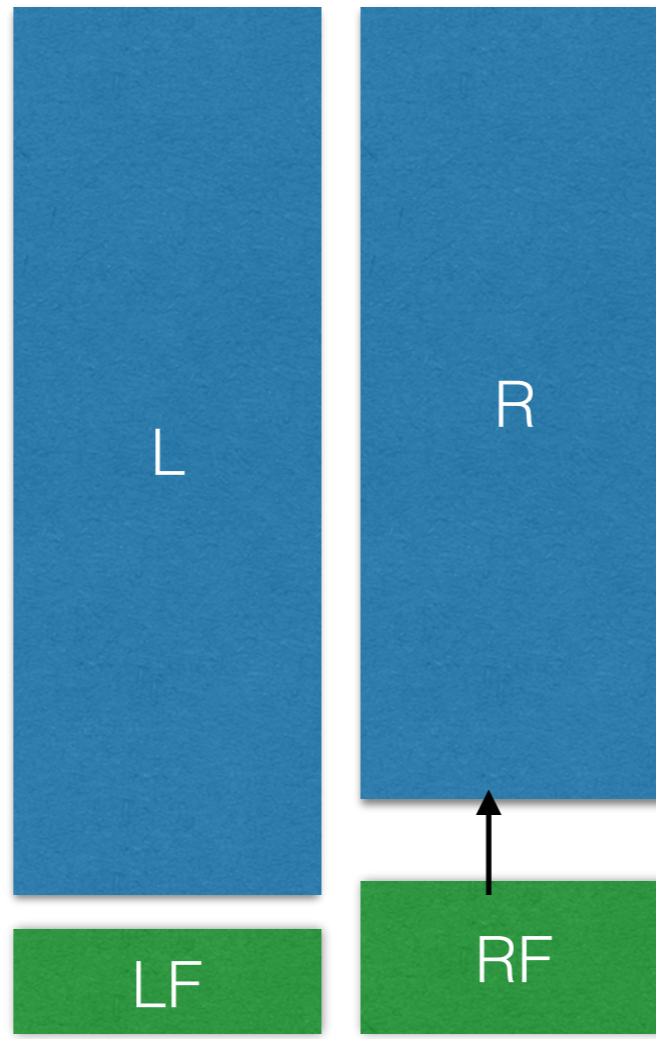
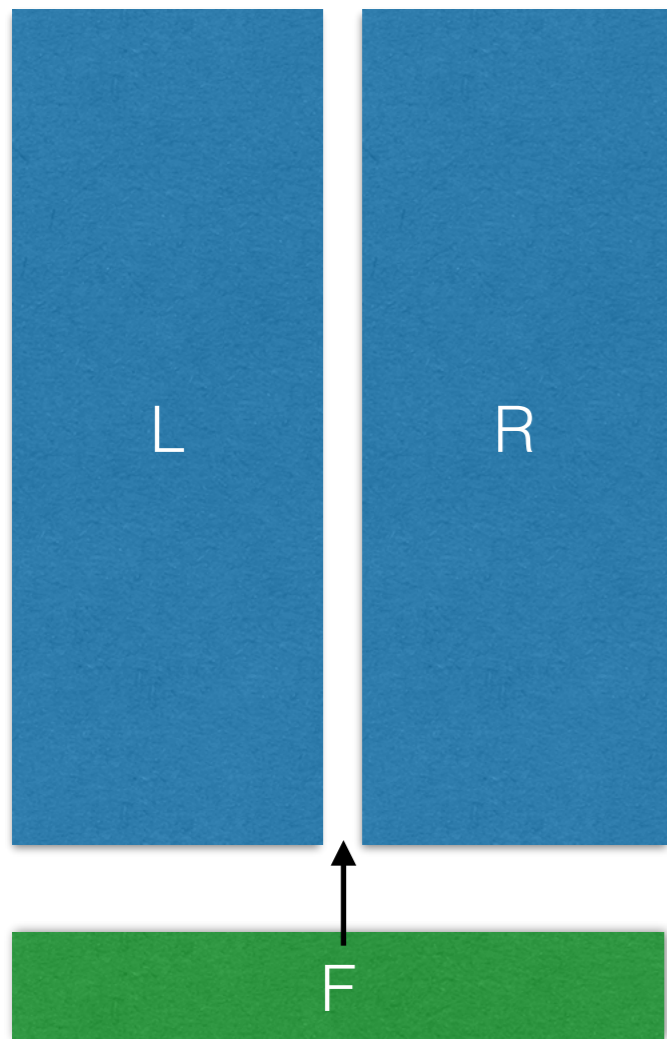


gutter: width=3%

a: left=5%, right=left(gutter)

b: left=right(gutter), right=95%

Options for footnote frames



Drop Caps are easy



Drop Caps are easy

S

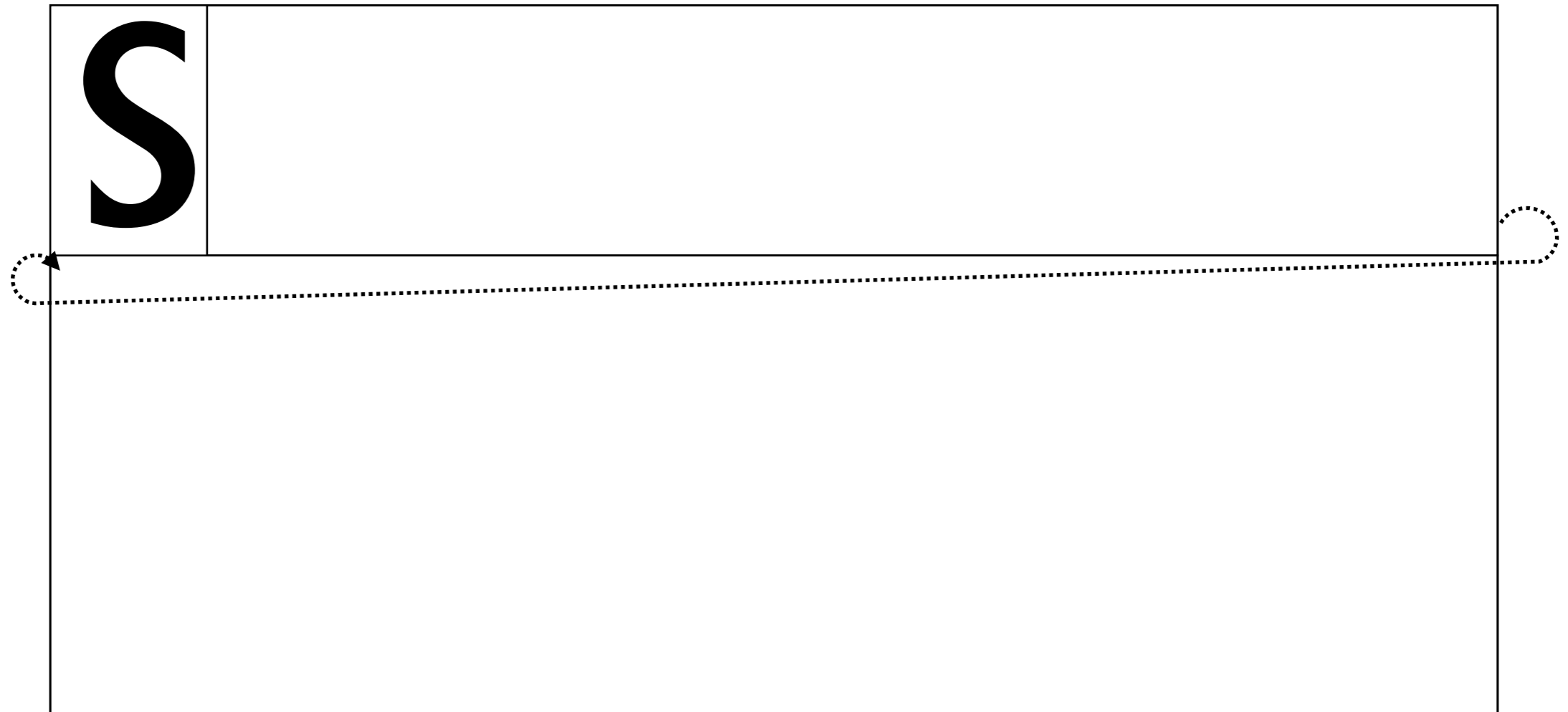
Drop Caps are easy

S

Drop Caps are easy

S	

Drop Caps are easy



Drop Caps are easy

Sileum ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in

reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Embedded Programming Language

```
\robust@def*\cptdofunclist{%
  \cftpshnumber\dofunclistdepth
  \beginngroup
  \edef\sav@do{\cptomakecs{sav@do@\cptrm\dofunclistdepth}}%
  \expandafter\let\sav@do\do
  \expandafter\cptdelimitcs\sav@do\cpt@nil
  \toks@{\def\csv@do##1}%
  \toks1\expandafter{\expandafter\expandafter\sav@do
    \cptrm\ifbracedTF{##1}{0{##1}}{0 ##1}\cpt@nil}%
  \expandafter\expandafter\expandafter\endgroup
\expandafter
  \the\expandafter\toks@\expandafter{\the\toks1}%
  \csv@@parse
}
```

“Programming in TeX is an art practiced only by a few devoted disciples, mere mortals are forbidden to even attempt it.”

- Till Tantau


```
\define[command=em]{↵  
  \font[style=italic]{\process}↵  
}
```

```
\em{I am italicised}
```

```
\define[command=tableofcontents:headerfont]{  
\font[size=24pt,weight=800]{\process}  
}
```

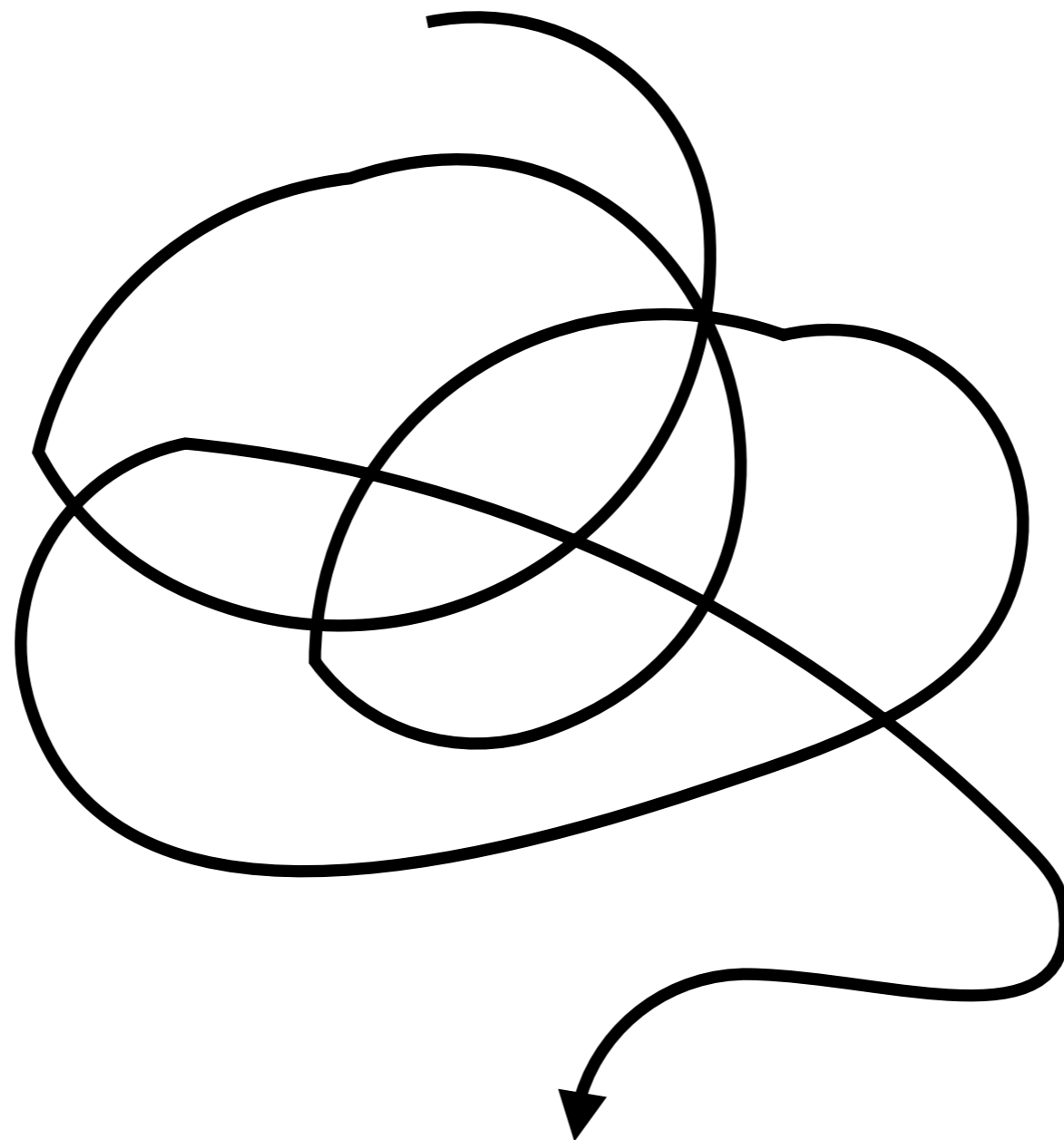
```
\define[command=tableofcontents:notocmessage{  
  \tableofcontents:headerfont{  
    Rerun SILE to process table of contents!  
  }  
}
```

```
\define[command=tableofcontents:header]{  
\par\noindent\tableofcontents:headerfont{Table of Contents}\medskip  
}
```

```
SILE.registerCommand("lorem", function(options, content)
  local words = tonumber(options.words) or 50
  local s = lorem(words) % defined elsewhere
  SILE.settings.temporarily(function()
    SILE.settings.set("document.language", "la")
    SILE.typesetter:typeset(s)
    SILE.call("par")
  end)
end)
```

`\lorem[words=20]`

Docbook



PDF

```
<size papersize="129mm x 198mm">
<define command="center">
    <glue stretch="10000"/><process/><glue
stretch="10000"/>
</define>
<define command="headline">
    <skip height="1cm"/>
    <font family="Frutiger LT Std" weight="700"
size="20"><center><process/></center></font>
    <skip height="0.5cm"/>
</define>

<headline>A Scandal In Belgravia</headline>
```

```
sile -I docbook foo.xml
```

```
sile -I docbook foo.xml
```

```
\begin[papersize=a4,class=docbook]{document}%
```

```
...
```

```
\define[command=abbrev]{↔
```

```
\font[variant=smallcaps]{\process}}%
```

```
\define[command=title]{\em{\process}}%
```

```
sile -I docbook foo.xml
```

```
\begin[papersize=a4,class=docbook]{document}%
```

```
...
```

```
\define[command=abbrev]{↔
```

```
\font[variant=smallcaps]{\process}}%
```

```
\define[command=title]{\em{\process}}%
```

```
SILE.registerCommand("link", function(options, content)
```

```
  SILE.process(content)
```

```
  if (options["x1:href"]) then
```

```
    SILE.typesetter:typeset(" (")
```

```
    SILE.call("code", {}, {options["x1:href"]})
```

```
    SILE.typesetter:typeset(")")
```

```
  end
```

```
end)
```


Small, extensible core

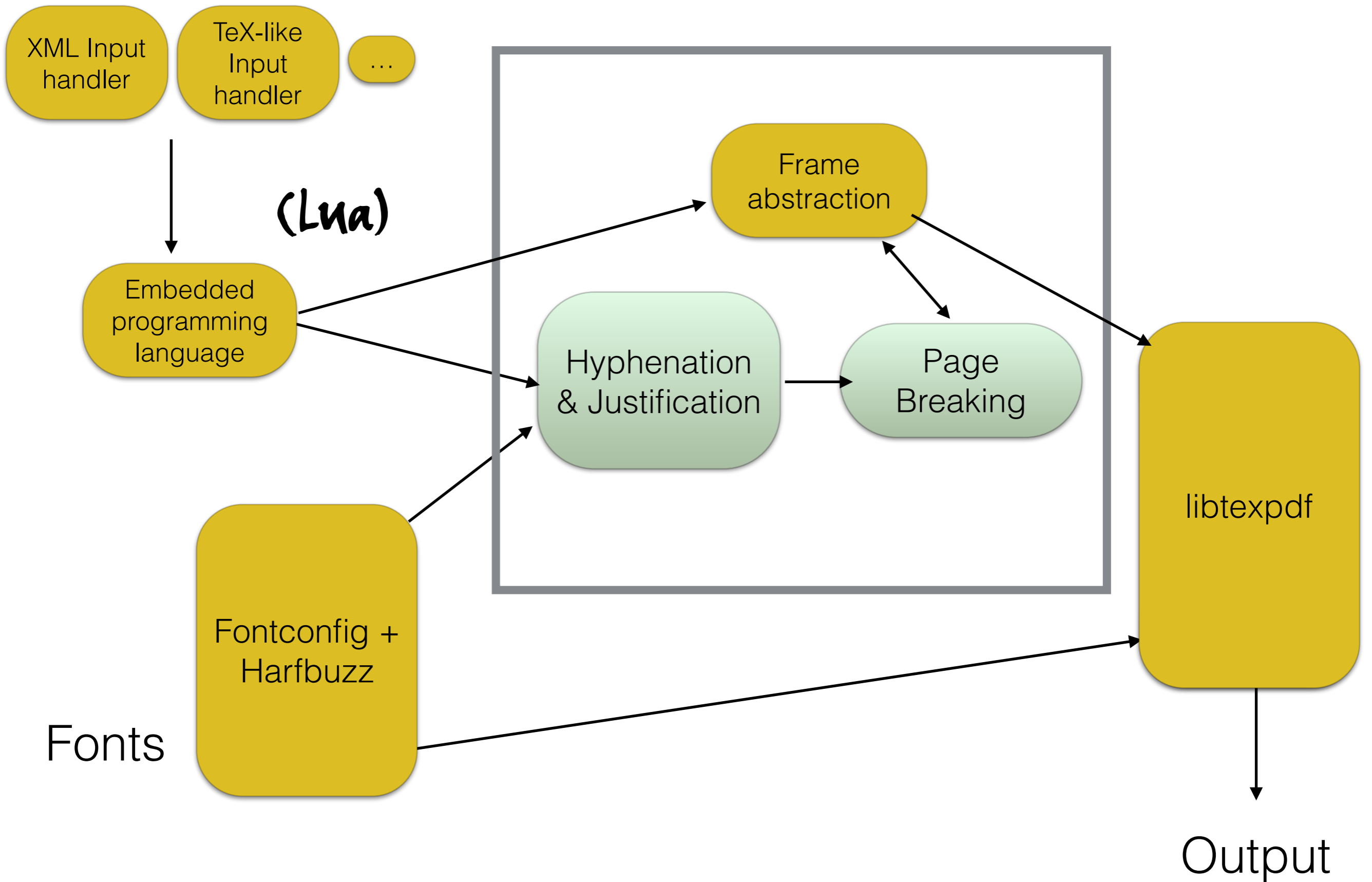
SILE Core
(3251 lines of Lua)

Document classes

Language support

Packages

Input



Diglots and Parallels



10

Chapter Header

Cross References



10

Chapter Header

Cross References



¹ Βίβλος γενέσεως Ἰησοῦ χριστοῦ υἱοῦ Δαυίδ υἱοῦ Ἀβραάμ.

² Ἀβραὰμ ἐγέννησεν τὸν Ἰσαάκ, Ἰσαὰκ δὲ ἐγέννησεν τὸν Ἰακώβ, Ἰακώβ δὲ ἐγέννησεν τὸν Ἰούδαν καὶ τοὺς ἀδελφοὺς αὐτοῦ,

³ Ἰούδας δὲ ἐγέννησεν τὸν Φαρὲς καὶ τὸν Ζάρα ἐκ τῆς Θαμάρ, Φαρὲς δὲ ἐγέννησεν τὸν Ἑσρῶμ, Ἑσρῶμ δὲ ἐγέννησεν τὸν Ἀράμ,

⁴ Ἀράμ δὲ ἐγέννησεν τὸν Ἀμιναδάβ, Ἀμιναδάβ δὲ ἐγέννησεν τὸν Ναασσών, Ναασσών δὲ ἐγέννησεν τὸν Σαλμών,

⁵ Σαλμών δὲ ἐγέννησεν τὸν Βόες ἐκ τῆς Ῥαχάβ, Βόες δὲ ἐγέννησεν τὸν Ἴωβῆδ ἐκ τῆς Ῥούθ, Ἴωβῆδ δὲ ἐγέννησεν τὸν Ἰεσσαί,

¹ This is the genealogy of Jesus the Messiah the son of David, the son of Abraham:

² Abraham was the father of Isaac, Isaac the father of Jacob, Jacob the father of Judah and his brothers,

³ Judah the father of Perez and Zerah, whose mother was Tamar, Perez the father of Hezron, Hezron the father of Ram,

⁴ Ram the father of Amminadab, Amminadab the father of Nahshon, Nahshon the father of Salmon,

⁵ Salmon the father of Boaz, whose mother was Rahab, Boaz the father of Obed, whose mother was Ruth, Obed the father of Jesse,

ΚΑΤΑ ΜΑΘΘΑΙΟΝ

Chapter 1

1 Βίβλος γενέσεως Ἰησοῦ χριστοῦ υἱοῦ Δαυὶδ υἱοῦ Ἀβραάμ.

2 Ἀβραὰμ ἐγέννησεν τὸν Ἰσαάκ, Ἰσαὰκ δὲ ἐγέννησεν τὸν Ἰακώβ, Ἰακώβ δὲ ἐγέννησεν τὸν Ἰούδαν καὶ τοὺς ἀδελφοὺς αὐτοῦ, 3 Ἰούδας δὲ ἐγέννησεν τὸν Φαρῆς καὶ τὸν Ζάρα ἐκ τῆς Θαμάρ, Φαρῆς δὲ ἐγέννησεν τὸν Ἑσρῶμ, Ἑσρῶμ δὲ ἐγέννησεν τὸν Ἀράμ, 4 Ἀράμ δὲ ἐγέννησεν τὸν Ἀμιναδάβ, Ἀμιναδάβ δὲ ἐγέννησεν τὸν Ναασσών, Ναασσών δὲ ἐγέννησεν τὸν Σαλμών, 5 Σαλμών δὲ ἐγέννησεν τὸν Βόες ἐκ τῆς Ραχάβ, Βόες δὲ ἐγέννησεν τὸν Ἰωβηδ ἐκ τῆς Ρούθ, Ἰωβηδ δὲ ἐγέννησεν τὸν Ἰεσσαί, 6 Ἰεσσαί δὲ ἐγέννησεν τὸν Δαυὶδ τὸν βασιλέα.

Δαυὶδ Ἦ δὲ ἐγέννησεν τὸν Σολομῶνα ἐκ τῆς τοῦ Οὐρίου, 7 Σολομῶν δὲ ἐγέννησεν τὸν Ροβοάμ, Ροβοάμ δὲ ἐγέννησεν τὸν Ἀβιά, Ἀβιά δὲ ἐγέννησεν τὸν Ἀσάφ, 8 Ἀσάφ δὲ ἐγέννησεν τὸν Ἰωσαφάτ, Ἰωσαφάτ δὲ ἐγέν-

νησεν τὸν Ἰωράμ, Ἰωράμ δὲ ἐγέννησεν τὸν Ὀζίαν, 9 Ὀζίας δὲ ἐγέννησεν τὸν Ἰωαθάμ, Ἰωαθάμ δὲ ἐγέννησεν τὸν Ἀχάζ, Ἀχάζ δὲ ἐγέννησεν τὸν Ἐζεκίαν, 10 Ἐζεκίας δὲ ἐγέννησεν τὸν Μανασσῆ, Μανασσῆς δὲ ἐγέννησεν τὸν Ἀμώς, Ἀμώς δὲ ἐγέννησεν τὸν Ἰωσίαν, 11 Ἰωσίας δὲ ἐγέννησεν τὸν Ἰεχονίαν καὶ τοὺς ἀδελφοὺς αὐτοῦ ἐπὶ τῆς μετοικεσίας Βαβυλῶνος.

12 Μετὰ δὲ τὴν μετοικεσίαν Βαβυλῶνος Ἰεχονίας ἐγέννησεν τὸν Σαλαθιήλ, Σαλαθιήλ δὲ ἐγέννησεν τὸν Ζοροβαβέλ, 13 Ζοροβαβέλ δὲ ἐγέννησεν τὸν Ἀβιούδ, Ἀβιούδ δὲ ἐγέννησεν τὸν Ἐλιακίμ, Ἐλιακίμ δὲ ἐγέννησεν τὸν Ἀζώρ, 14 Ἀζώρ δὲ ἐγέννησεν τὸν Σαδῶκ, Σαδῶκ δὲ ἐγέννησεν τὸν Ἀχίμ, Ἀχίμ δὲ ἐγέννησεν τὸν Ἐλιούδ, 15 Ἐλιούδ δὲ ἐγέννησεν τὸν Ἐλεάζαρ, Ἐλεάζαρ δὲ ἐγέννησεν τὸν Ματθάν, Ματθάν δὲ ἐγέννησεν τὸν Ἰακώβ, 16 Ἰακώβ δὲ ἐγέννησεν τὸν Ἰωσήφ τὸν ἄνδρα Μαρίας, ἐξ ἧς ἐγεννήθη Ἰησοῦς ὁ λεγόμενος χριστός.

17 Πᾶσαι οὖν αἱ γενεαὶ ἀπὸ Ἀβραάμ ἕως Δαυὶδ γενεαὶ δεκατέσσαρες, καὶ ἀπὸ Δαυὶδ ἕως τῆς μετοικεσίας Βαβυλῶνος γενεαὶ δεκατέσσαρες, καὶ ἀπὸ τῆς μετοικεσίας Βαβυλῶνος

ἅγιος *adj.* 1. holy 2. saint
ἄλις *adv.* 1. enough (*Euripides*) 2. sufficeth
ἄλλομαι *verb.* 1. leapt (*Homer*)
ἄλμη *noun. f.* 1. brine 2. brine from
ἄλς *noun. f.* 1. sea (*Homer*) 2. salt
ἄλυσις *noun. f.* 1. chain
ἄλωσις *noun. f.* 1. capture (*Pausanias*)
ἅμα *adv.* 1. same time 2. with 3. at 4. at once 5. together
ἄμιλλα *noun. f.* 1. rivalry
ἅπαξ *adv.* 1. once 2. have once (*Epictetus*) 3. has once 4. once only 5. had once
ἅπας *adj.* 1. all 2. whole 3. every 4. everything
ἄπτω *verb.* 1. touch (*Plato*)
ἄρμα *noun. n.* 1. chariot 2. car (*Homer*)
ἄρπαξ *noun. m.* 1. harpago
ἄτε *adv.* 1. since (*Plato*) 2. since they (*Plato*) 3. inasmuch as (*Xenophon*)
ἄγνός *adj.* 1. holy (*Aeschylus*) *adv.*
ἄλίσκομαι *verb.* 1. capture 2. convict (*Demosthenes*) 3. be convicted (*Demosthenes*) 4. was captured (*Strabo*) 5. be taken (*Flavius Josephus*) 6. was taken 7. be caught (*Xenophon*) 8. were captured (*Xenophon*)
ἄλίζω *verb.* 1. so much as
ἄλιεύς *noun. m.* 1. fisherman (*Pausanias*)
ἄλμυρός *adj.* 1. salt (*Homer*) 2. salty
ἁμάρτημα *noun. n.* 1. error (*Plato*) 2. sin (*Flavius Josephus*) 3. offence (*Lysias*) 4. fault (*Epictetus*) 5. mistake 6. blunder
ἁμαρτάνω *verb.* 1. miss (*Homer*) 2. err 3. sin 4. mistake 5. error (*Aristotle*) 6. fault (*Epictetus*)
ἁμαρτία *noun. f.* 1. sin 2. error 3. mistake
ἁμαρτωλός *adj.* 1. sinner
ἄνδάνω *verb.* 1. found favour
ἁπαλός *adj.* 1. tender (*Homer*)
ἁπλός *adj.* 1. simple 2. straightforward
ἄπλός *adv.* 1. absolute (*Aristotle*) 2. simp 3. in short (*Epictetus*)
ἄπλότης *noun. f.* 1. straightforwardness

ἄρμάμαξα *noun. f.* 1. carriage (*Xenophon*)
ἄρμόζω *verb.* 1. fit 2. suitable (*Aristotle*) 3. harmonize
ἄρμονία *noun. f.* 1. harmony (*Plato*)
ἄρπάζω *verb.* 1. seize (*Flavius Josephus*) 2. snatch (*Euripides*) 3. plunder 4. carried off
ἄρπαγή *noun. f.* 1. plunder (*Flavius Josephus*) 2. rapine
ἄαπτος *adj.* 1. invincible (*Homer*)
ἄατος *adj.* 1. ear (*Plato*) 2. insatiate (*Homer*)
ἄβατος *adj.* 1. impassable 2. inaccessible
ἄβιος *adj.* 1. abii (*Strabo*)
ἄβυσσος *adj.* 1. abyss
ἄξενος *adj.* 1. inhospitable
ἄξιος *adj.* 1. worthy 2. worth 3. deserve 4. value
ἄξων *noun. m.* 1. axle (*Xenophon*)
ἄδεια *noun. f.* 1. impunity (*Demosthenes*) 2. security 3. immunity (*Demosthenes*)
ἄδηλος *adj.* 1. uncertain 2. uncertainty
ἄδικος *adj.* 1. unjust (*Plato*) 2. injustice 3. wrong (*Plato*) 4. wrongful (*Plato*) 5. unjust man (*Plato*) *adv.* 1. unjust (*Lysias*)
ἄδοξος *adj.* 1. inglorious
ἄδολος *adj.* 1. without treachery 2. without fraud 3. without guile *adv.*
ἄεισμα *noun. n.* 1. ode (*Plato*) 2. lyric (*Pausanias*)
ἄφαρ *adv.* 1. straightway she
ἄφεσις *noun. f.* 1. remission
ἄφιλος *adj.* 1. friendless *adv.*
ἄφνω *adv.* 1. sudden (*Appian*)
ἄφοβος *adj.* 1. fearless (*Plato*) *adv.*
ἄφθαρτος *adj.* 1. imperishable (*Aristotle*)
ἄφθιτος *adj.* 1. imperishable (*Homer*)
ἄφθονος *adj.* 1. abundance (*Xenophon*) 2. abundant
ἄφρων *adj.* 1. foolish (*Plato*) 2. fool 3. unwise (*Plato*) 4. senseless (*Plato*) 5. unintelligent (*Plato*) 6. witless *adv.*
ἄφωνος *adj.* 1. mute 2. voiceless
ἄγαλμα *noun. n.* 1. image (*Pausanias*) 2. statue (*Pausanias*)

འདི་སྐད་བདག་གིས་ཐོས་པ་དུས་གཅིག་ན། བཙམ་ལྡན་འདས་རྒྱལ་པོའི་ཁབ་བྱ་ཚོད་ལུང་པོའི་རི་ལ་དག་སྟོང་གི་ དག་འདུན་
 ཆེན་པོ་དང་། བྱང་རྒྱལ་སེམས་དཔའི་དག་འདུན་ཆེན་པོ་དང་ཐབས་གཅིག་དུ་བཞུགས་ཏེ། དེའི་ཚེ་བཙམ་ལྡན་འདས་ཟབ་མོ་སྐད་
 བ་ཞེས་བྱ་བའི་ ཚོས་ཀྱི་རྣམ་གྲངས་ཀྱི་ཉིང་དེ་འཛིན་ལ་སྟོམས་པར་ བཞུགས་སོ།། ཡང་དེའི་ཚེ་བྱང་རྒྱལ་སེམས་དཔའ་
 སེམས་དཔའ་ཆེན་པོ་འཕགས་པ་ སྐྱུན་རས་གཟིགས་དབང་ལྷུག་ ཤེས་རབ་ཀྱི་པ་རོལ་ཏུ་ ཕྱིན་པ་ཟབ་མོའི་སྟོང་པ་ཉིད་ལ་རྣམ་
 པར་བལྟ་ཞིང་། ལུང་པོ་ལྡ་དེ་དག་ལ་ཡང་ རང་བཞིན་གྱིས་སྟོང་པར་རྣམ་པར་བལྟའོ།། དེ་ནས་སངས་རྒྱས་ཀྱི་མཐུས། ཚེ་
 དང་ལྡན་པ་ལྷ་རིའི་བྱས་བྱང་རྒྱལ་སེམས་དཔའ་སེམས་དཔའ་ ཆེན་པོ་འཕགས་པ་སྐྱུན་རས་གཟིགས་དབང་ལྷུག་ལ་འདི་སྐད་ཅེས་

Mark

Chapter 1

Preaching of John the Baptist

1:1 Matt. 4:3 ¹The beginning of the gospel of Jesus Christ, the Son of God.

1:2 Mark 1:2-8; Matt. 3:1-11; Luke 3:2-16 ²As it is written [→] in Isaiah the prophet: "[BEHOLD, I SEND MY MESSENGER^a AHEAD OF YOU, WHO WILL PREPARE YOUR WAY; ³THE VOICE OF ONE CRYING IN THE WILDERNESS, 'MAKE^{~!} READY THE WAY OF THE LORD, MAKE^{~!} HIS PATHS STRAIGHT].'"

1:3 Is. 40:3; Matt. 3:3; Luke 3:4; John 1:23

Pointing to lingering result [→] • Complete! ^{~!} • Keep on doing! ^{~!}

1:4 Acts 13:24 ⁴"John the Baptist appeared in the wilderness preaching^b a baptism of repentance for the forgiveness of sins. ⁵And all the country of Judea was going^{xxx} out to him, and **all** the people of Jerusalem; and they were being baptized^{xxx} by him in the Jordan River, confessing their sins. ⁶John was clothed[→] with camel's hair and wore a leather belt around his waist, and his^c diet was and wild honey. ⁷And he was preaching^{xxx},^d and saying, "[After me One is coming who is mightier than I, and I am not fit to stoop down and untie the thong of His sandals]." ⁸"I baptized you with^e water; but [He will baptize you with^f the Holy Spirit]."

1:6 2 Kin. 1:8

The Baptism of Jesus

1:9 Mark 1:9-11; Matt. 3:13-17; Luke 3:21, 22 ⁹In those days Jesus came from Nazareth in Galilee and was baptized by John in the Jordan. ¹⁰Immediately coming up out of the water, He saw the heavens **opening**,^g and the Spirit like a dove descending upon Him; ¹¹and a voice came out of the heavens: "**You are My beloved Son, in You I am well-pleased.**"

1:11 Ps. 2:7; Is. 42:1; Matt. 3:17; 12:18; Mark 9:7; Luke 3:22

1:12 Mark 1:12, 13; Matt. ¹²Immediately the Spirit **impelled*** Him to go out into the wilderness. ¹³And He was in the wilderness **forty** days being

- a. Lit before your face
- b. Or proclaiming
- c. Lit he was eating
- d. Or proclaiming
- e. The Gr here can be translated *in, with* or *by*
- f. The Gr here can be translated *in, with* or *by*
- g. Or being parted

Your Article Name

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Jirka Kosek is a freelance XML consultant and teacher at the University of Economics in Prague. He has more than 10 years of experience in providing XML consultancy and training. Jirka is an active member in several standardization bodies, including OASIS (DocBook TC and RELAX NG TC), the W3C (XSL WG and ITS WG), and ISO/IEC JTC1/SC34 (DSDL, Topic Maps). You can get familiar with his recent work and thoughts through his blog (<http://xmlguru.cz>). He's currently engaged in preparing the next XML Prague conference.

freelance ACME

Leading text before the first section can be there...

... and there

1 Introduction

Introductory section goes here...

... more text ...

2 Another section

You can use not only paragraphs, but also program listings:

```
<article xmlns="http://docbook.org/ns/docbook" ...>
  <title>Sample article</title>
  <para>This is a really short article.</para>
</article>
```

DocBook offers plenty of elements for inline markup, for example `<code>` for arbitrary code, e.g. `print 2+3;`.

You can give titles to your program listings using `<example>`:

Example 1: DocBook V4.5 document

```
<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE article PUBLIC "-//OASIS//DTD DocBook XML V4.5//EN"
    'http://www.oasis-open.org/docbook/xml/4.5/docbookx.dtd'>
<article lang="en">
  <title>Sample article</title>
  <para>This is a very short article.</para>
</article>
```

Lists can be created using `<itemizedlist>` or `<orderedlist>` elements:

- *DocBook V4.x is feature frozen.* DocBook V4.5 is the last version of DocBook in the V4.x series. Any new DocBook development, like the addition of new elements, will be done in DocBook V5.0. It is only matter of time before useful, new elements will be added into DocBook V5.0, but they are not likely to be back ported into DocBook V4.x. DocBook V4.x will be in maintenance mode and errata will be published if necessary.

- *DocBook V5.0 offers new functionality.* DocBook V5.0 provides significant improvements over DocBook V4.x. For example there is general markup for annotations, a new and flexible system for linking, and unified markup for information sections using the

Things I learnt

Lua

PDF Libraries

Simon's Law of Extensibility

A system which can be extended in multiple dimensions cannot prevent conflict between extensions.

“Hacker” News

I need to avoid buses

The Future of SILE

Technical goals

- Proper frame balancing support
- Vertical typesetting
- PDF outline features
- Split off libtexpdf

Community goals

easy jobs

Simon Cozens edited this page 2 hours ago · 2 revisions

If you want to get started writing SILE packages, here are some we need, in increasing order of difficulty:

Date

Format today's date in a variety of user-friendly (language-aware) ways.

Cross-references

Understand how infonodes work; read chapter 10 of the documentation and `packages/tableofcontents.lua`. Save an infonode when you see a `\label` command and refer back to it (in the same way that table of contents does) when you see a `\ref` command. Bonus points for using the PDF library to add hyperlinks.

Thank you

<http://www.sile-typesetter.org/>
<google://sile+typesetter>

Bonus Material

Context: Columns and notes

text text text text² Thus, I came to the conclusion that the designer of a new system must not only be the implementer and first large-scale user; the designer should also write the first user manual.

The separation of any of these four components would have hurt T_EX significantly. If I had not participated fully in all these activities, literally hundreds of improvements would

this is ~~ever~~ have been made, because I **note.**would never have thought of them or **Another**ceived why they were important. **note.**But a system cannot be successful if it is too strongly influenced by a single person. Once the initial design is complete and fairly robust, the real test begins as people with many different viewpoints undertake their own experiments.

<http://tex.stackexchange.com/questions/67078/text-in-outer-margin-of-multiple-columns>

Context: Grid and notes

text text text text¹

Thus, I came to the conclusion that the designer of a new system must not only be the implementer and first large-scale user; the designer should also write the first user manual.

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