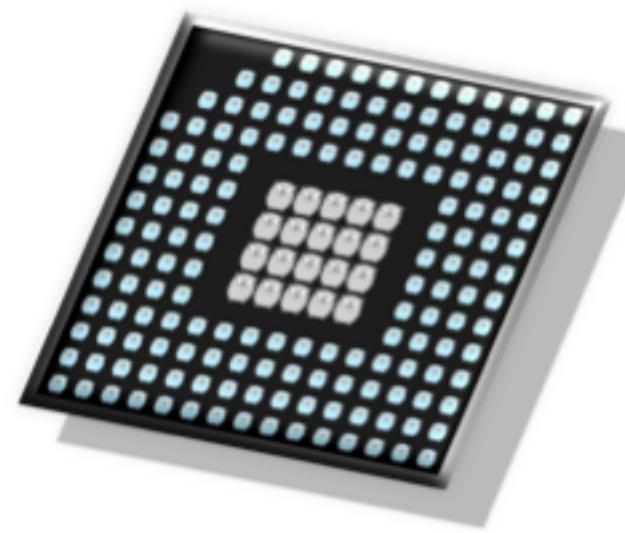


## Test document PDF

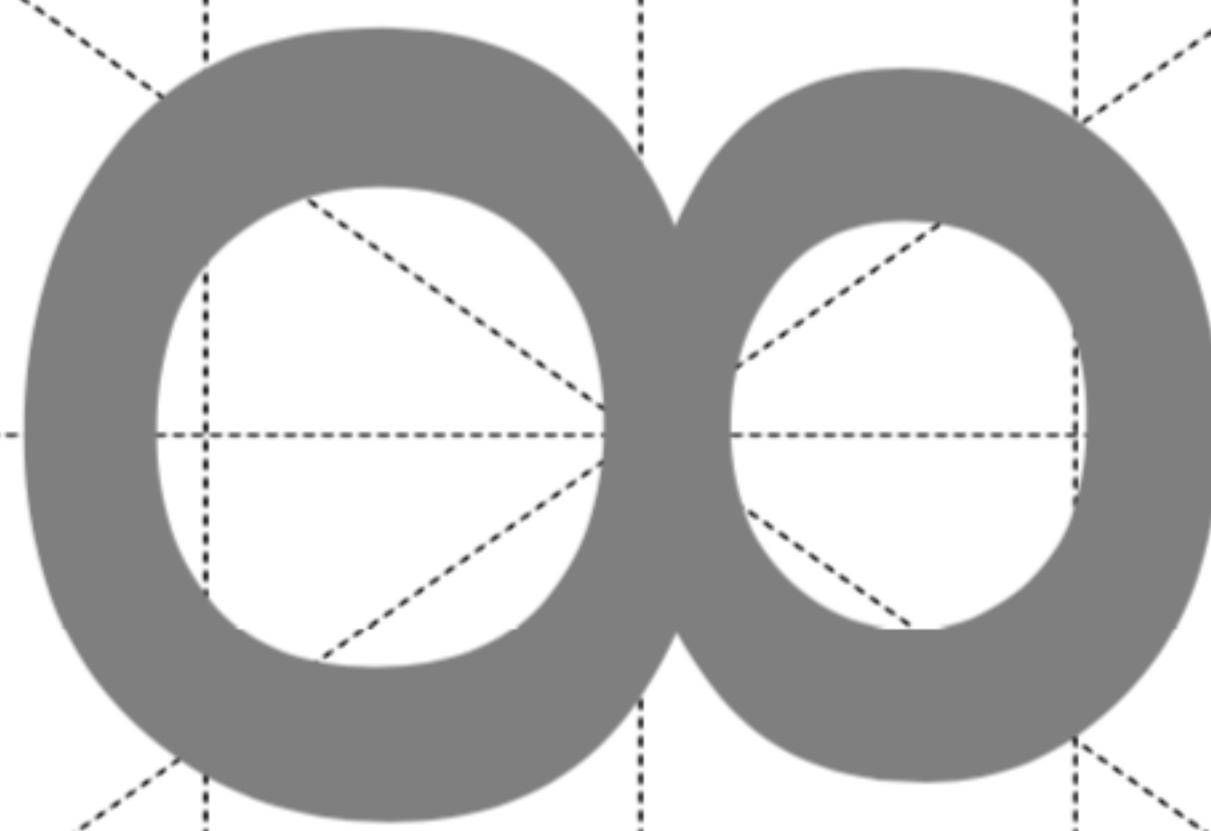


Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla est purus, ultrices in porttitor in, accumsan non quam. Nam consectetur porttitor rhoncus. Curabitur eu est et leo feugiat auctor vel quis lorem. Ut et ligula dolor, sit amet consequat lorem. Aliquam porta eros sed velit imperdiet egestas. Maecenas tempus eros ut diam ullamcorper id dictum libero tempor. Donec quis augue quis magna condimentum lobortis. Quisque imperdiet ipsum vel magna viverra rutrum. Cras viverra molestie urna, vitae vestibulum turpis varius id. Vestibulum mollis, arcu iaculis bibendum varius, velit sapien blandit metus, ac posuere lorem nulla ac dolor. Maecenas urna elit, tincidunt in dapibus nec, vehicula eu dui. Duis lacinia fringilla massa. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Ut consequat ultricies est, non rhoncus mauris congue porta. Vivamus viverra suscipit felis eget condimentum. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Integer bibendum sagittis ligula, non faucibus nulla volutpat vitae. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. In aliquet quam et velit bibendum accumsan. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Vestibulum vitae ipsum nec arcu semper adipiscing at ac lacus. Praesent id pellentesque orci. Morbi congue viverra nisl nec rhoncus. Integer mattis, ipsum a tincidunt commodo, lacus arcu elementum elit, at mollis eros ante ac risus. In volutpat, ante at pretium ultricies, velit magna suscipit enim, aliquet blandit massa orci nec lorem. Nulla facilisi. Duis eu vehicula arcu. Nulla facilisi. Maecenas pellentesque volutpat felis, quis tristique ligula luctus vel. Sed nec mi eros. Integer augue enim, sollicitudin ullamcorper mattis eget, aliquam in est. Morbi sollicitudin libero nec augue dignissim ut consectetur dui volutpat. Nulla facilisi. Mauris egestas vestibulum neque cursus tincidunt. Donec sit amet pulvinar orci.

Quisque volutpat pharetra tincidunt. Fusce sapien arcu, molestie eget varius egestas, faucibus ac urna. Sed at nisi in velit egestas aliquam ut a felis. Aenean malesuada iaculis nisl, ut tempor lacus egestas consequat. Nam nibh lectus, gravida sed egestas ut, feugiat quis dolor. Donec eu leo enim, non laoreet ante. Morbi dictum tempor vulputate. Phasellus ultricies risus vel augue sagittis euismod. Vivamus tincidunt placerat nisi in aliquam. Cras quis mi ac nunc pretium aliquam. Aenean elementum erat ac metus commodo rhoncus. Aliquam nulla augue, porta non sagittis quis, accumsan vitae sem. Phasellus id lectus tortor, eget pulvinar augue. Etiam eget velit ac purus fringilla blandit. Donec odio odio, sagittis sed iaculis sed, consectetur eget sem. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas accumsan velit vel turpis rutrum in sodales diam placerat.

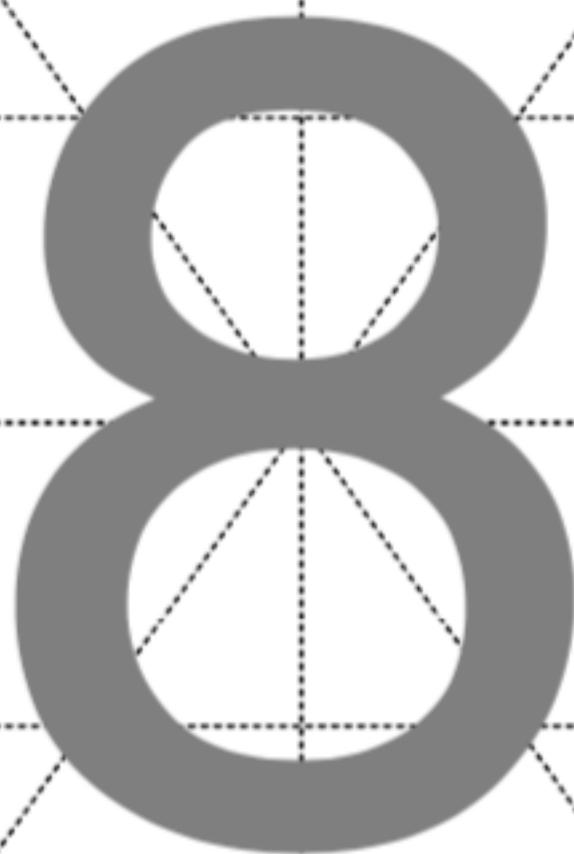
Quisque luctus ullamcorper velit sit amet lobortis. Etiam ligula felis, vulputate quis rhoncus nec, fermentum eget odio. Vivamus vel ipsum ac augue sodales mollis euismod nec tellus. Fusce et augue rutrum nunc semper vehicula vel semper nisl. Nam laoreet euismod quam at varius. Sed aliquet auctor nibh. Curabitur malesuada fermentum lacus vel accumsan. Duis ornare scelerisque nulla, ac pulvinar ligula tempus sit amet. In placerat nulla ac ante scelerisque posuere. Phasellus at ante felis. Sed hendrerit risus a metus posuere rutrum. Phasellus eu augue dui. Proin in vestibulum ipsum. Aenean accumsan mollis sapien, ut eleifend sem blandit at. Vivamus luctus mi eget lorem lobortis pharetra. Phasellus at tortor quam, a volutpat purus. Etiam sollicitudin arcu vel elit bibendum et imperdiet risus tincidunt. Etiam elit velit, posuere ut pulvinar ac, condimentum eget justo. Fusce a erat velit. Vivamus imperdiet ultrices orci in hendrerit.





Fold here



A large, solid gray number '8' is positioned in the upper-left quadrant of the template. It is oriented vertically, with its top curve pointing upwards and its bottom curve pointing downwards. The number is centered within a white circle.A large, solid gray number '1' is positioned in the upper-right quadrant of the template. It is oriented vertically, with its top curve pointing upwards and its bottom curve pointing downwards. The number is centered within a white circle.

Fold & Cut here

A large, solid gray number '9' is positioned in the lower-left quadrant of the template. It is oriented vertically, with its top curve pointing upwards and its bottom curve pointing downwards. The number is centered within a white circle.A large, solid gray number '7' is positioned in the lower-right quadrant of the template. It is oriented vertically, with its top curve pointing upwards and its bottom curve pointing downwards. The number is centered within a white circle.

Fold here

pdfcpu

即时处理PDF，满足您的所有需求。  
现在支持CJKV字体！

C

J

pdfcpu  
모든 요구 사항에 맞는 즉각적인 PDF 처리.  
이제 CJKV 글꼴을 지원합니다!

pdfcpu

Instant PDF processing for all your needs.  
Now supporting CJKV!

K

pdfcpu

すべてのニーズに対応するインスタントPDF処理。  
CJKVフォントがサポートされるようになりました！

V

pdfcpu

Xử lý PDF tức thì cho mọi nhu cầu của bạn.  
Bây giờ với sự hỗ trợ cho các phông chữ CJKV!

pdftcpu is a tool for PDF manipulation written in Go.

Usage:

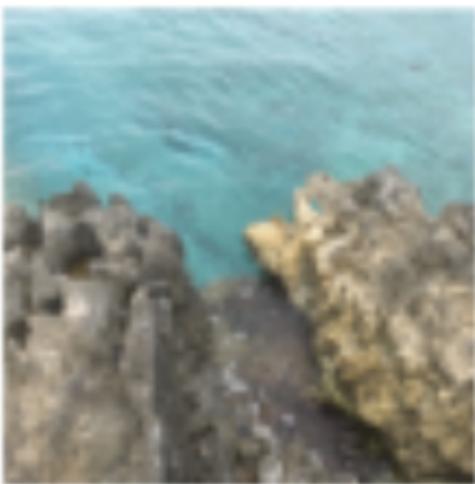
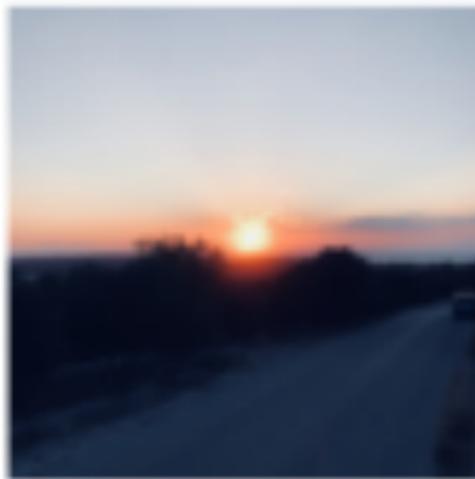
```
pdftcpu command [arguments]
```

The commands are:

validate	validate PDF against PDF 32000-1:2008 (PDF 1.7)
optimize	optimize PDF by getting rid of redundant page resources
split	split multi-page PDF into several single-page PDFs
merge	concatenate 2 or more PDFs
extract	extract images, fonts, content, pages out of a PDF
trim	create trimmed version of a PDF
version	print pdftcpu version

Single-letter Unix-style supported for commands and flags.

Use "pdftcpu help [command]" for more information about a command.



/\*  
Copyright 2018 The pdfcpu Authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

\*/

package pdfcpu

import "fmt"

type dim struct {

w, h int

}

// AspectRatio returns the relation between width and height.

func (d dim) AspectRatio() float64 {  
 return float64(d.w) / float64(d.h)

}

// Landscape returns true if d is in landscape mode.

func (d dim) Landscape() bool {  
 return d.AspectRatio() > 1

}

// Portrait returns true if d is in portrait mode.

func (d dim) Portrait() bool {  
 return d.AspectRatio() < 1

}

func (d dim) String() string {

return fmt.Sprintf("%dxd%d points", d.w, d.h)

}

// PaperSize is a map of known paper sizes in user units (=72 dpi pixels).  
var PaperSize = map[string]dim{

// ISO 216:1975 A

"A0": (4200, 6240), // 66 1/4" x 93 5/8" 1682 x 2378 mm  
"A1": (3370, 4200), // 46 3/4" x 66 1/4" 1389 x 1682 mm  
"A2": (2384, 3370), // 33" x 46 3/4" 841 x 1199 mm  
"A3": (1684, 2384), // 23 3/8" x 33" 594 x 841 mm  
"A4": (1195, 1684), // 16 1/2" x 23 3/8" 420 x 594 mm  
"A5": (842, 1195), // 11 3/4" x 16 1/2" 297 x 420 mm  
"A6": (595, 842), // 8 1/4" x 11 3/4" 210 x 297 mm

// ISO 216:1975 B

"B0": (3170, 4470), // 44" x 62 1/4" 1118 x 1500 mm  
"B1": (2335, 3170), // 39 3/8" x 55 3/8" 1000 x 1454 mm  
"B2": (2045, 2335), // 28 3/8" x 40 1/8" 720 x 988 mm  
"B3": (1684, 2045), // 27 3/4" x 39 3/8" 597 x 988 mm  
"B4": (1474, 1684), // 26 1/2" x 38 3/8" 520 x 720 mm  
"B5": (1195, 1474), // 19 3/4" x 27 3/4" 500 x 597 mm  
"B6": (1000, 1195), // 13 3/8" x 19 3/8" 393 x 590 mm  
"B7": (799, 1000), // 9 7/8" x 13 7/8" 294 x 353 mm  
"B8": (600, 799), // 7" x 9 7/8" 276 x 250 mm  
"B9": (450, 600), // 4 7/8" x 7" 225 x 176 mm  
"B10": (345, 450), // 3 1/2" x 4 7/8" 220 x 125 mm  
"B11": (240, 345), // 2 1/2" x 3 1/2" 162 x 88 mm  
"B12": (175, 240), // 1 5/8" x 2 1/2" 125 x 62 mm  
"B13": (125, 175), // 1 1/4" x 1 3/4" 93 x 44 mm

// ISO 269:1985 envelopes aka ISO C

"C0": (2599, 3677), // 36" x 52" 917 x 1297 mm  
"C1": (1837, 2599), // 25 1/2" x 36" 648 x 917 mm  
"C2": (1298, 1837), // 18" x 25 1/2" 458 x 648 mm  
"C3": (938, 1298), // 12 3/4" x 18" 324 x 458 mm  
"C4": (649, 938), // 9" x 12 3/4" 229 x 324 mm  
"C5": (459, 649), // 6 3/8" x 9" 162 x 229 mm  
"C6": (323, 459), // 4 1/2" x 6 3/8" 134 x 162 mm  
"C7": (238, 323), // 3 3/16" x 4 1/2" 91 x 134 mm  
"C8": (162, 238), // 2 1/4" x 3 3/16" 57 x 81 mm  
"C9": (113, 162), // 1 5/8" x 2 1/4" 40 x 57 mm  
"C10": (79, 113), // 1 1/8" x 1 5/8" 28 x 40 mm

// ISO 217:2013 untrimmed raw paper

"RA0": (2438, 3468), // 33.9" x 48.9" 860 x 1220 mm  
"RA1": (1729, 2438), // 24.9" x 33.9" 650 x 860 mm  
"RA2": (1219, 1729), // 16.9" x 24.9" 430 x 650 mm  
"RA3": (845, 1219), // 12.9" x 16.9" 305 x 430 mm  
"RA4": (610, 845), // 8.9" x 12.9" 225 x 305 mm

"RA0+": (2555, 3628), // 35.4" x 50.4" 900 x 1280 mm

"RA1+": (1814, 2555), // 25.2" x 35.4" 640 x 900 mm

"RA2+": (1276, 1814), // 17.2" x 25.2" 450 x 640 mm

"RA3+": (987, 1276), // 12.6" x 17.2" 320 x 450 mm

"RA4+": (638, 987), // 8.9" x 12.6" 225 x 320 mm

"RA0+": (2835, 4000), // 26.9" x 36.2" 660 x 920 mm

"RA1+": (1861, 2835), // 20.2" x 26.9" 490 x 650 mm

"RA2+": (1307, 1861), // 15.6" x 20.2" 320 x 490 mm

"RA3+": (1035, 1307), // 12.6" x 15.6" 225 x 340 mm

"RA4+": (688, 1035), // 8.9" x 12.6" 225 x 320 mm

// American

"SuperB": (936, 1368), // 13" x 19"

"B": (936, 1368),

"Tabloid": (791, 1225), // 11" x 17" ANSI B, DoubleCarta

"ExtraTabloid": (865, 1296), // 12" x 18" ARCH B, Arch2

"Ledger": (1225, 791), // 17" x 12" ANSI B

"Legal": (612, 1000), // 8 1/2" x 14"

"GovtLegal": (612, 936), // 8 1/2" x 13"

"Official": (612, 936),

"Sofia": (612, 936),

"Letter": (612, 791), // 8 1/2" x 11" ANSI A

"Carta": (612, 791),

"AmericanQuarto": (612, 791),

"DoubleCarta": (791, 1225), // 11" x 17" Tabloid, ANSI B

"GovtLetter": (576, 757), // 8" x 10 1/2"

"Executive": (522, 756), // 7 1/4" x 10 1/2"

"HalfLetter": (397, 612), // 5 1/2" x 8 1/2"

"Memo": (397, 612),

"Statement": (397, 612),

"Stationery": (397, 612),

"JuniorLegal": (368, 576), // 5" x 8"

"IndexCard": (368, 576),

"Photo": (288, 432), // 4" x 6"

// ANSI/ASME Y14.1

"ANSI": (612, 791), // 8 1/2" x 11" Letter, Carta, AmericanQuarto

"ANSIB": (791, 5225), // 11" x 17" Ledger, Tabloid, DoubleCarta

"ANSIC": (1225, 1585), // 17" x 22"

"ANSID": (1585, 2449), // 22" x 34"

"ANSIE": (2449, 3178), // 34" x 44"

"ANSIF": (2416, 2888), // 28" x 48"

// ANSI/ASME Y14.1 Architectural series

"ARCH1": (649, 865), // 9" x 12" Arch 1

"ARCH2": (865, 1296), // 12" x 18" Arch 2, ExtraTabloid

"ARCH3": (1296, 1729), // 18" x 24" Arch 3

"ARCH4": (1729, 2599), // 24" x 36" Arch 4

"ARCH5": (2599, 3677), // 36" x 48" Arch 5

"ARCH6": (3677, 4470), // 44" x 62 1/4" Arch 6

"ARCH7": (4470, 576), // 52" x 72" Arch 7

"ARCH8": (576, 757), // 60" x 84" Arch 8

"ARCH9": (757, 1000), // 72" x 108" Arch 9

"ARCH10": (1000, 1368), // 84" x 136" Arch 10

"ARCH11": (1368, 1729), // 108" x 172" Arch 11

"ARCH12": (1729, 2160), // 136" x 216" Arch 12

"ARCH13": (2160, 2599), // 172" x 259" Arch 13

"ARCH14": (2599, 3038), // 216" x 303" Arch 14

"ARCH15": (3038, 3677), // 259" x 367" Arch 15

"ARCH16": (3677, 4470), // 303" x 447" Arch 16

"ARCH17": (4470, 5225), // 367" x 522" Arch 17

"ARCH18": (5225, 649), // 447" x 649" Arch 18

"ARCH19": (649, 791), // 522" x 791" Arch 19

"ARCH20": (791, 936), // 649" x 936" Arch 20

"ARCH21": (936, 1000), // 791" x 1000" Arch 21

"ARCH22": (1000, 1133), // 936" x 1133" Arch 22

"ARCH23": (1133, 1368), // 1000" x 1368" Arch 23

"ARCH24": (1368, 1729), // 1133" x 1729" Arch 24

"ARCH25": (1729, 2160), // 1368" x 2160" Arch 25

"ARCH26": (2160, 2599), // 1729" x 2599" Arch 26

"ARCH27": (2599, 3038), // 2160" x 3038" Arch 27

"ARCH28": (3038, 3677), // 2599" x 3677" Arch 28

"ARCH29": (3677, 4470), // 3038" x 4470" Arch 29

"ARCH30": (4470, 5225), // 3677" x 5225" Arch 30

"ARCH31": (5225, 649), // 4470" x 649" Arch 31

"ARCH32": (649, 791), // 5225" x 791" Arch 32

"ARCH33": (791, 936), // 649" x 936" Arch 33

"ARCH34": (936, 1000), // 791" x 1000" Arch 34

"ARCH35": (1000, 1133), // 936" x 1133" Arch 35

"ARCH36": (1133, 1368), // 1000" x 1368" Arch 36

"ARCH37": (1368, 1729), // 1133" x 1729" Arch 37

"ARCH38": (1729, 2160), // 1368" x 2160" Arch 38

"ARCH39": (2160, 2599), // 1729" x 2599" Arch 39

"ARCH40": (2599, 3038), // 2160" x 3038" Arch 40

"ARCH41": (3038, 3677), // 2599" x 3677" Arch 41

"ARCH42": (3677, 4470), // 3038" x 4470" Arch 42

"ARCH43": (4470, 5225), // 3677" x 5225" Arch 43

"ARCH44": (5225, 649), // 4470" x 649" Arch 44

"ARCH45": (649, 791), // 5225" x 791" Arch 45

"ARCH46": (791, 936), // 649" x 936" Arch 46

"ARCH47": (936, 1000), // 791" x 1000" Arch 47

"ARCH48": (1000, 1133), // 936" x 1133" Arch 48

"ARCH49": (1133, 1368), // 1000" x 1368" Arch 49

"ARCH50": (1368, 1729), // 1133" x 1729" Arch 50

"ARCH51": (1729, 2160), // 1368" x 2160" Arch 51

"ARCH52": (2160, 2599), // 1729" x 2599" Arch 52

"ARCH53": (2599, 3038), // 2160" x 3038" Arch 53

"ARCH54": (3038, 3677), // 2599" x 3677" Arch 54

"ARCH55": (3677, 4470), // 3038" x 4470" Arch 55

"ARCH56": (4470, 5225), // 3677" x 5225" Arch 56

"ARCH57": (5225, 649), // 4470" x 649" Arch 57

"ARCH58": (649, 791), // 5225" x 791" Arch 58

"ARCH59": (791, 936), // 649" x 936" Arch 59

"ARCH60": (936, 1000), // 791" x 1000" Arch 60

"ARCH61": (1000, 1133), // 936" x 1133" Arch 61

"ARCH62": (1133, 1368), // 1000" x 1368" Arch 62

"ARCH63": (1368, 1729), // 1133" x 1729" Arch 63

"ARCH64": (1729, 2160), // 1368" x 2160" Arch 64

"ARCH65": (2160, 2599), // 1729" x 2599" Arch 65

"ARCH66": (2599, 3038), // 2160" x 3038" Arch 66

"ARCH67": (3038, 3677), // 2599" x 3677" Arch 67

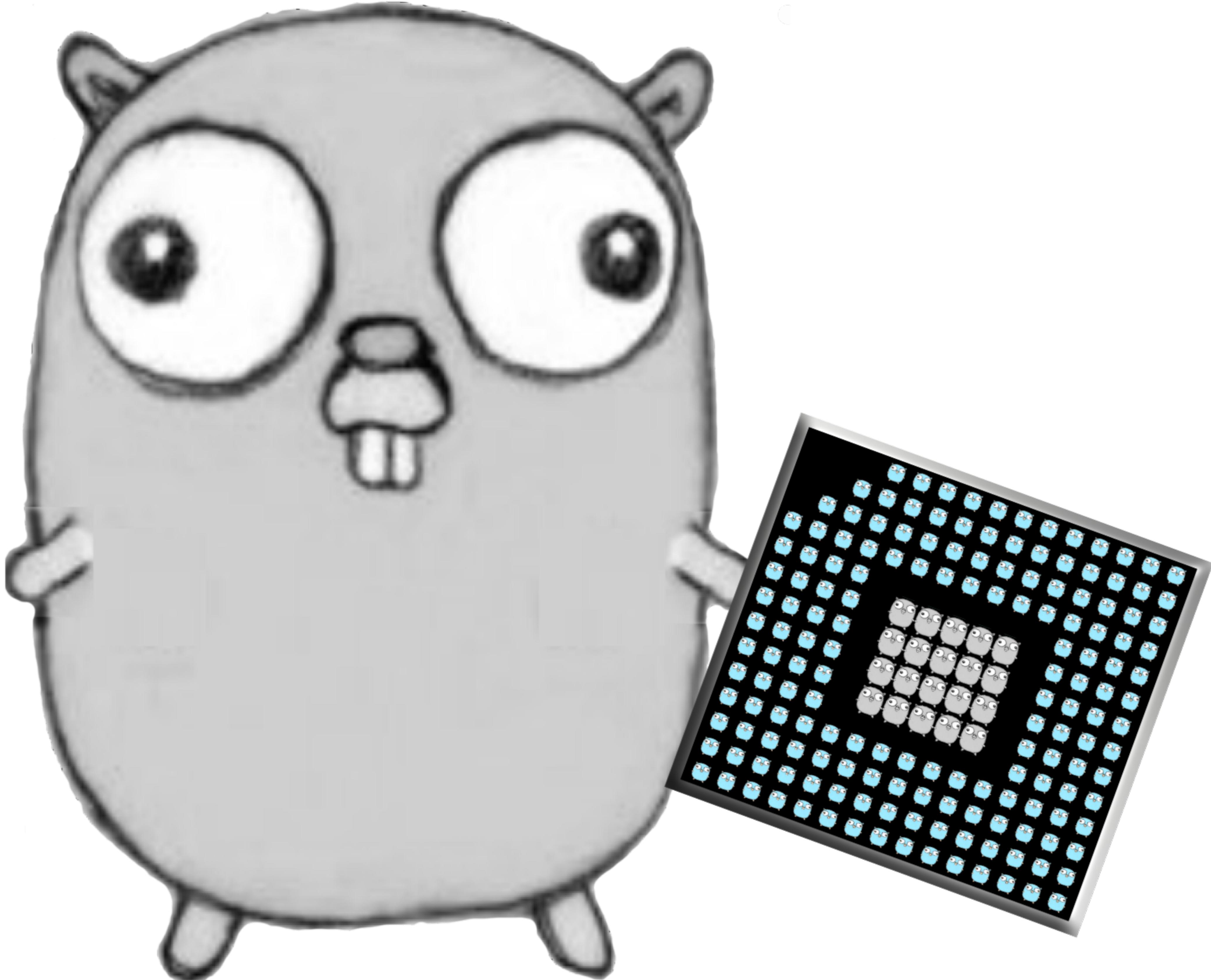
"ARCH68": (3677, 4470), // 3038" x 4470" Arch 68

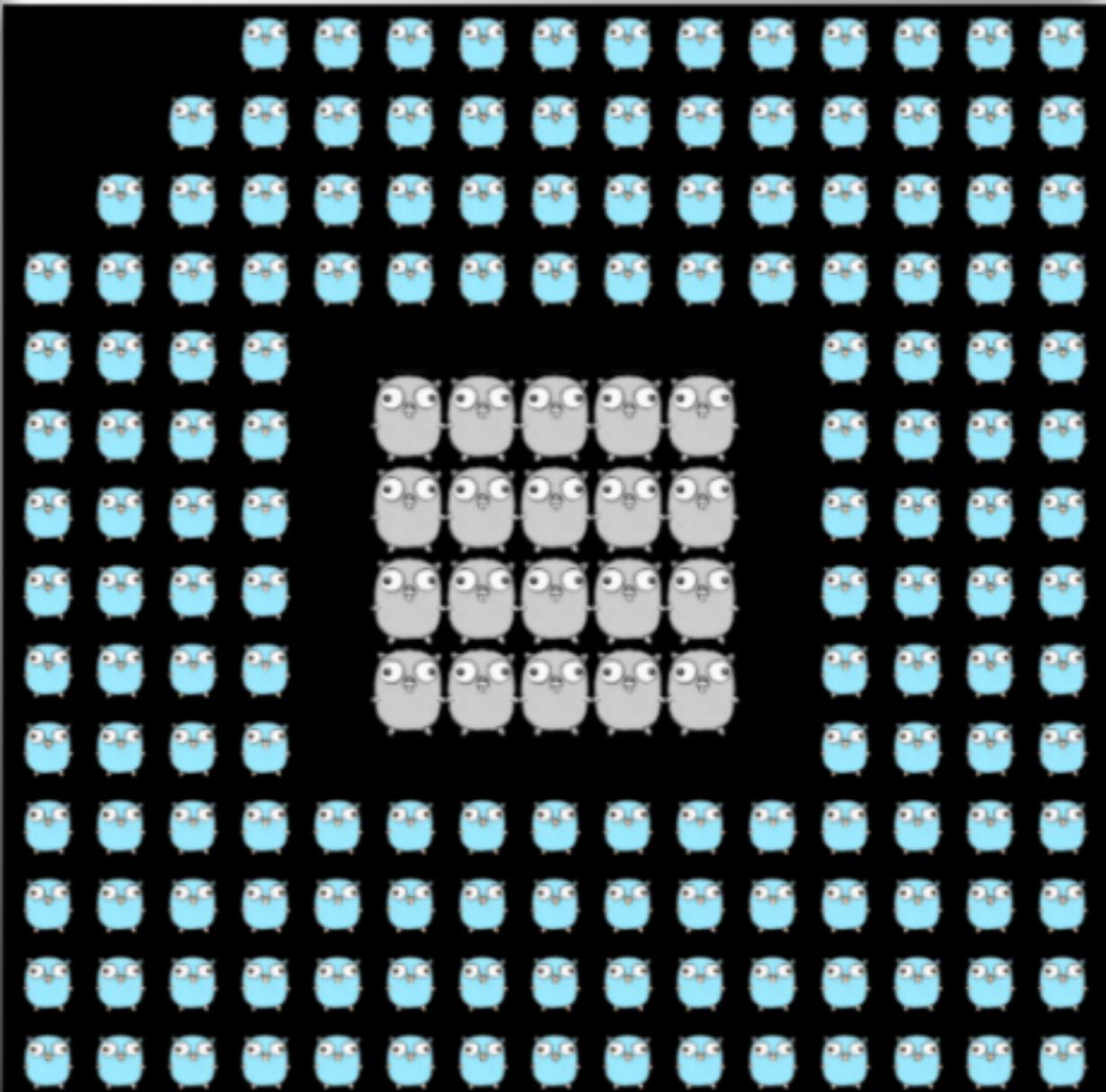
"ARCH69": (4470, 5225), // 3677" x 5225" Arch 69

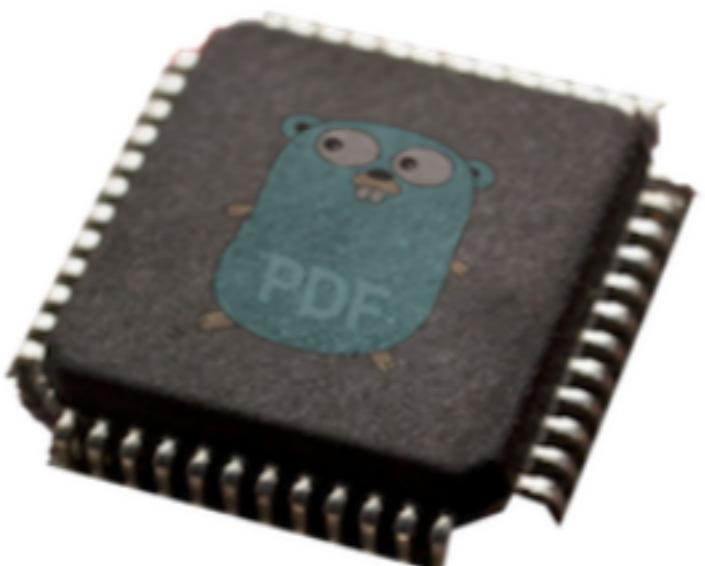
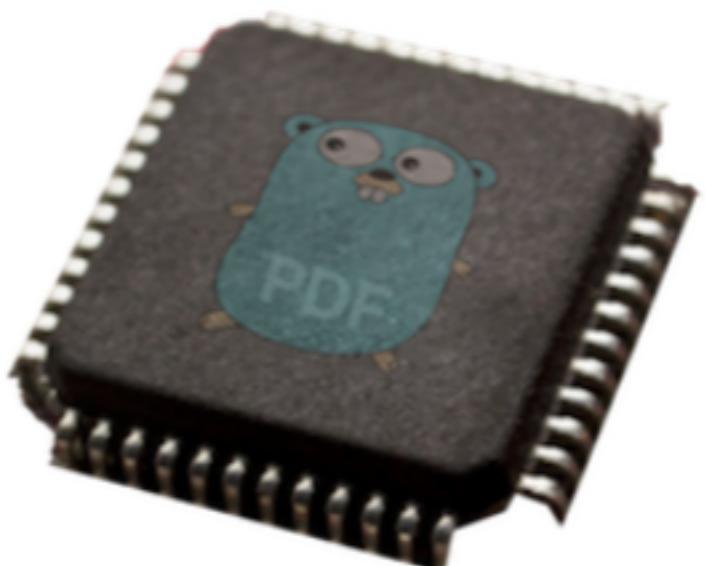
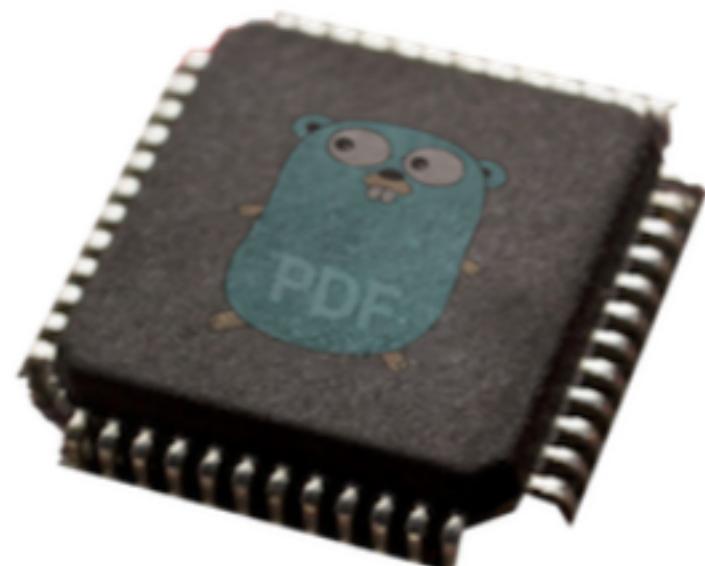
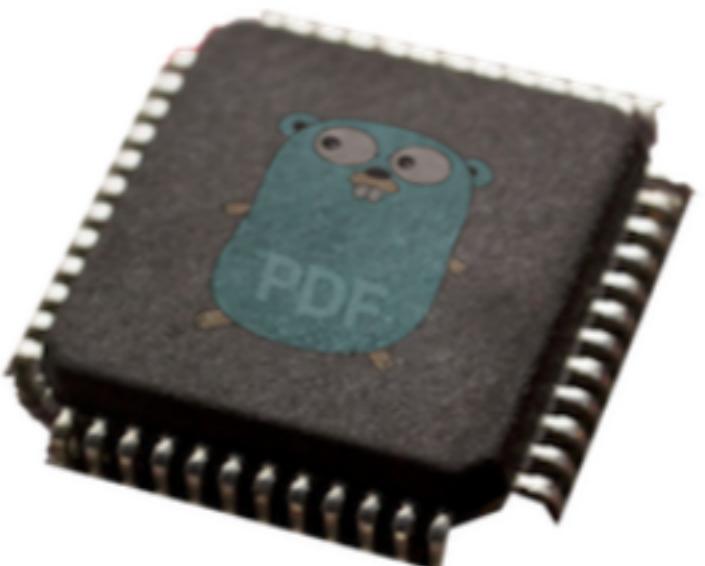
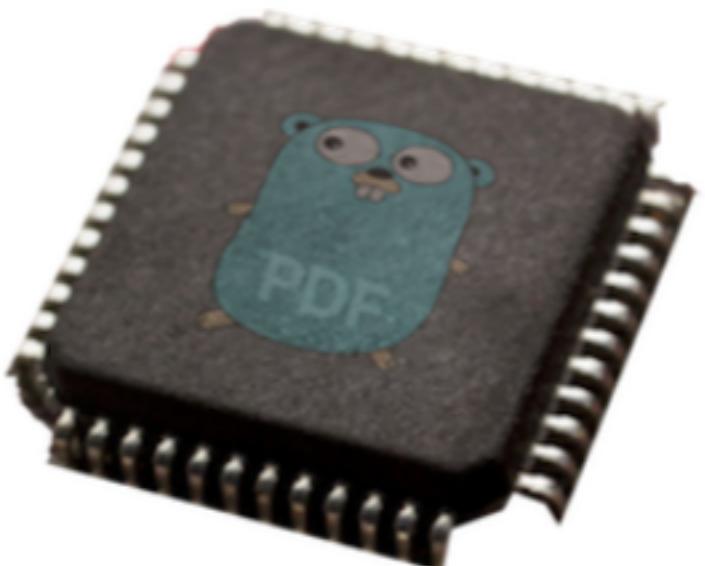
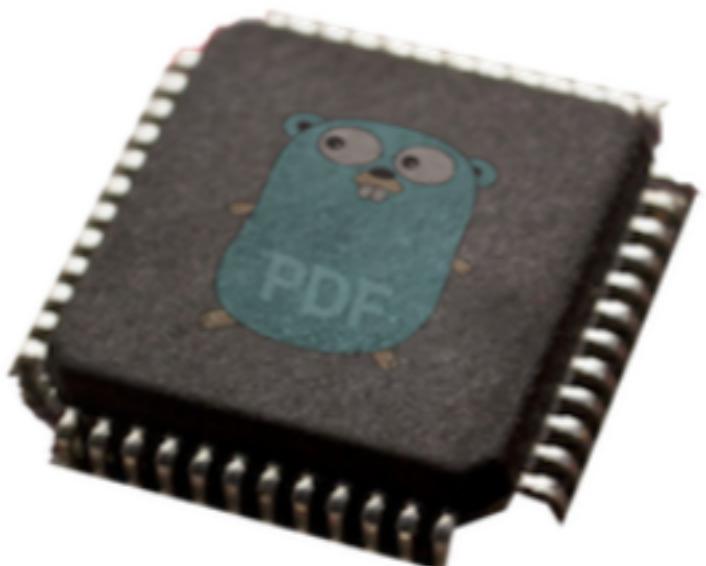
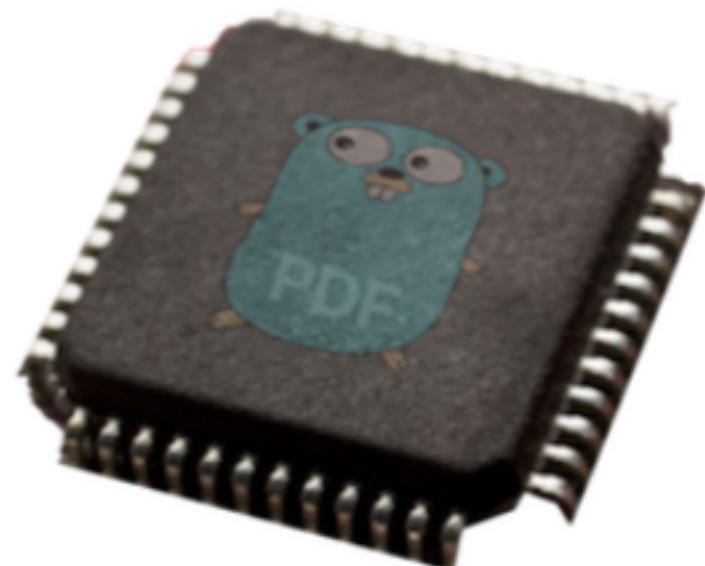
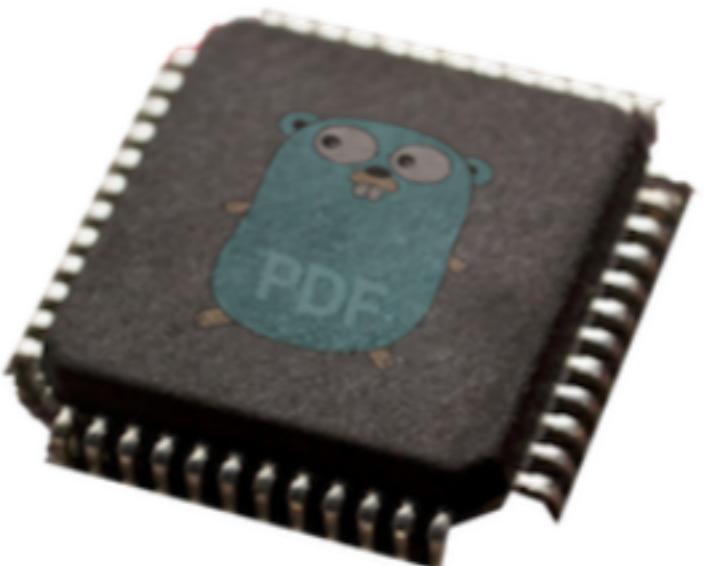
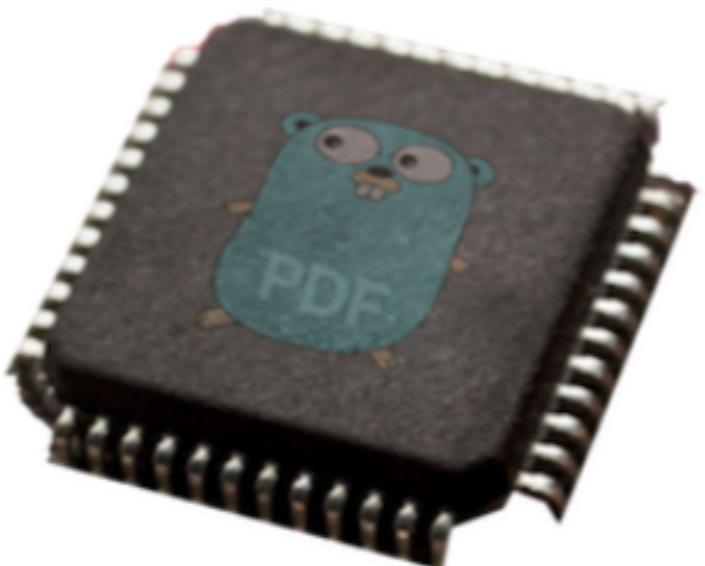
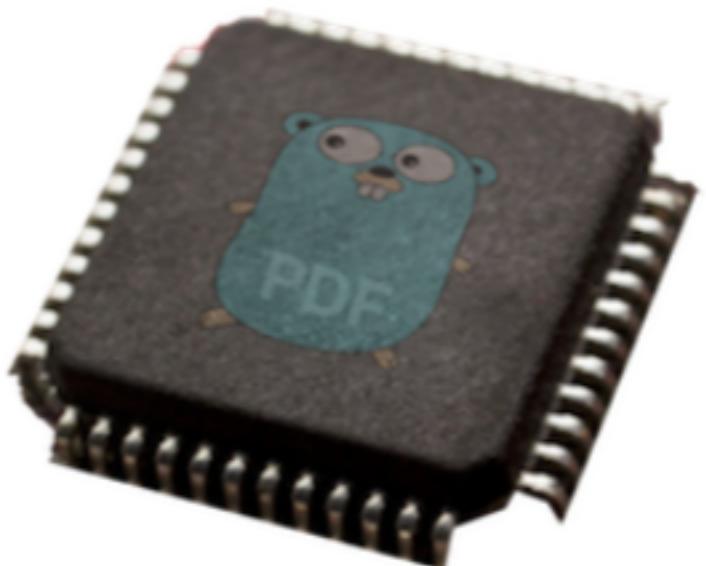
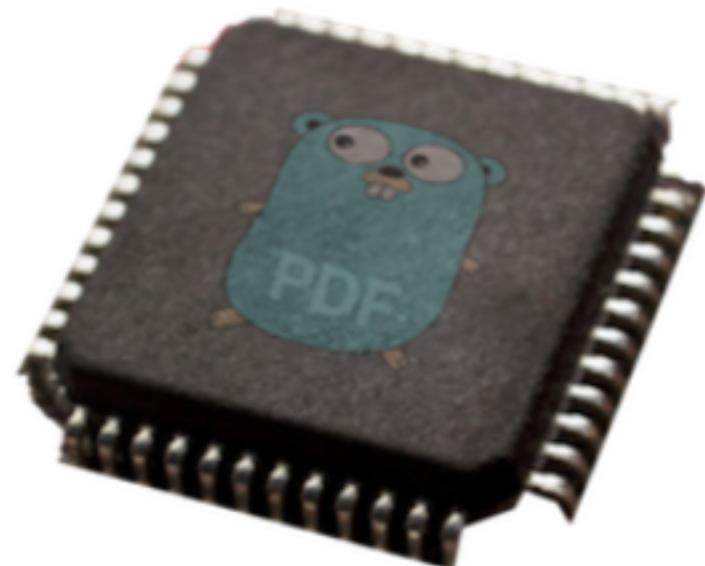
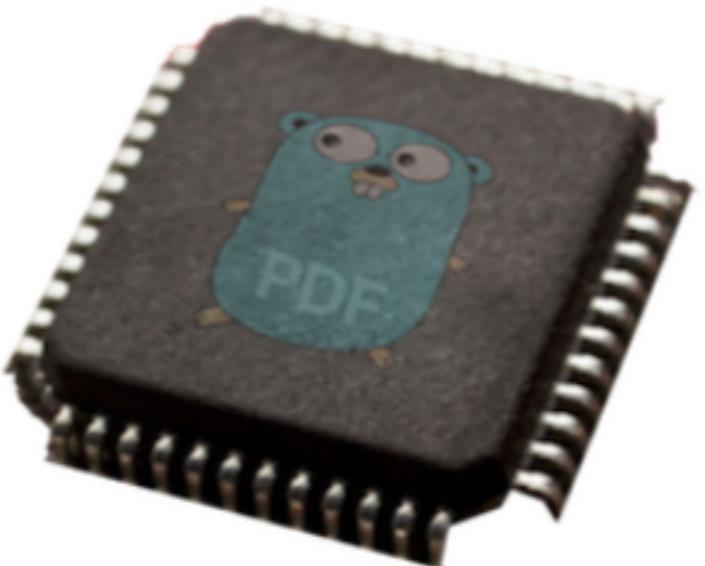
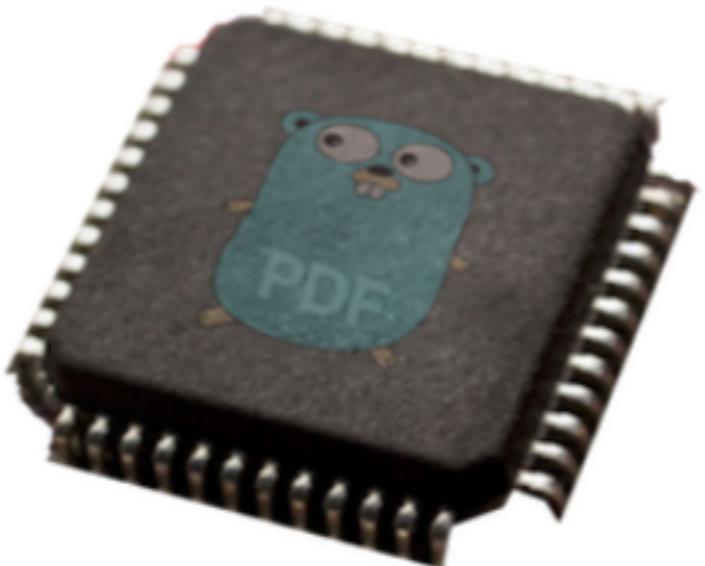
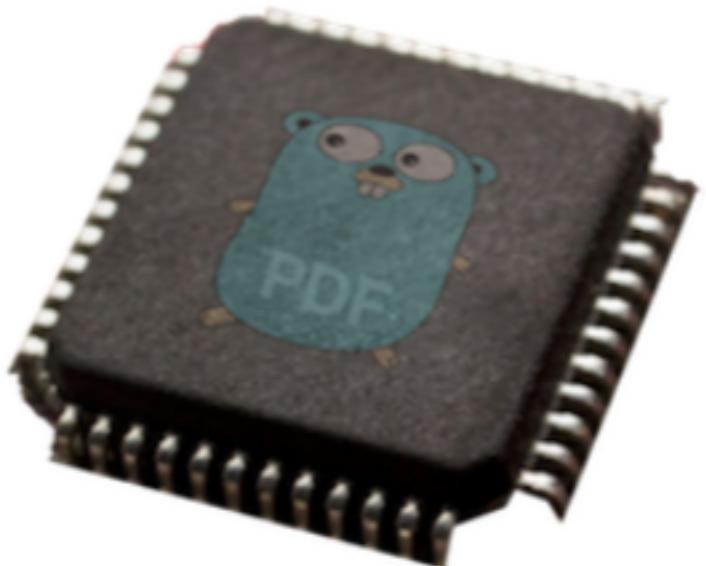
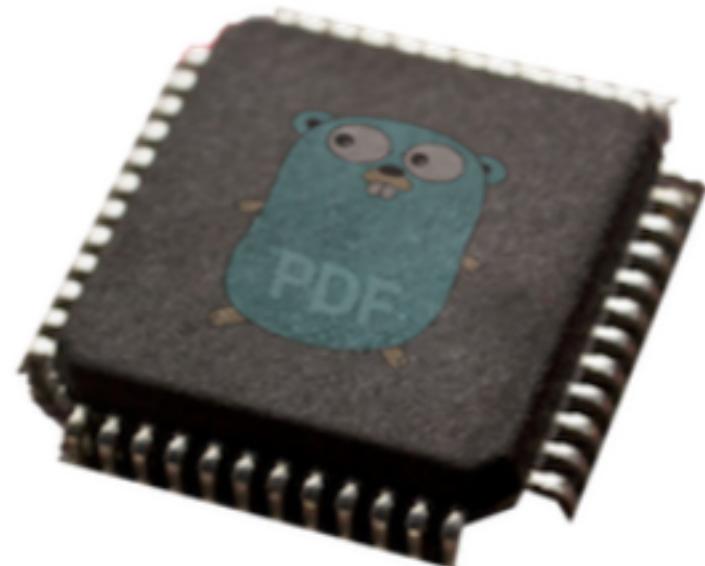
"ARCH70": (5225, 649), // 4470" x 649" Arch 70

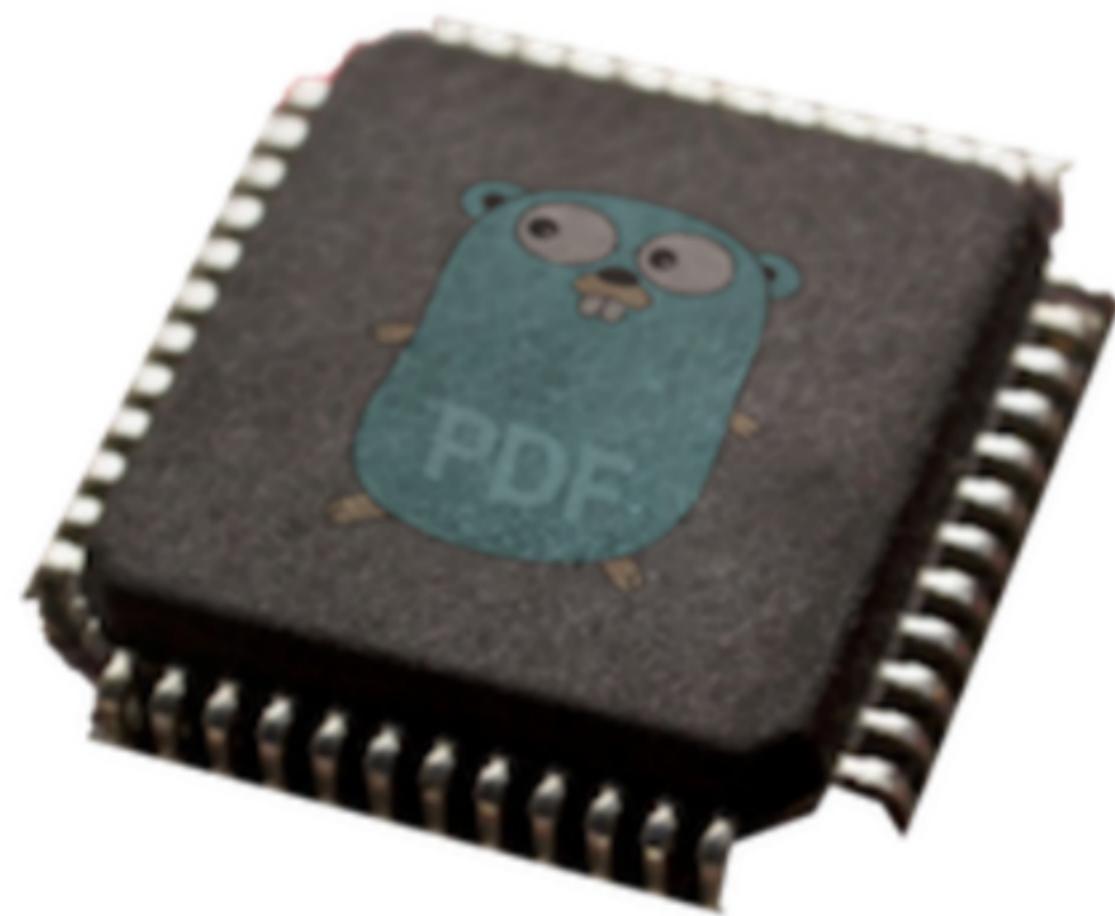
"ARCH71": (649, 791), // 5225" x 791" Arch 71

"ARCH72": (791, 936), // 649" x 936" Arch 72









pdpcpu is a tool for PDF manipulation written in Go.

Usage:

```
pdpcpu command [arguments]
```

The commands are:

validate	validate PDF against PDF 32000-1:2008 (PDF 1.7)
optimize	optimize PDF by getting rid of redundant page resources
split	split multi-page PDF into several single-page PDFs
merge	concatenate 2 or more PDFs
extract	extract images, fonts, content, pages out of a PDF
trim	create trimmed version of a PDF
version	print pdpcpu version

Single-letter Unix-style supported for commands and flags.

Use "pdpcpu help [command]" for more information about a command.



# Wonderwall

Words & Music by Noel Gallagher  
© Copyright 1995 Geffen Music/Creation Songs Limited/Bony/EMI Music Publishing, 10 Great Marlborough Street, London W1  
All Rights Reserved. International Copyright Secured.

1.90

To - day is gon-na be the day that they're gon - na throw it back to you,-  
by now you should've some - how re - al - ised what you got - ta do.

91

I don't be - lieve - that an - y - bo - dy feels the way I do - a - bout you now...  
1. Back-beat the word was on the street that the fi - re in your heart is out.  
(Verse 2 see block lyric)

92

I don't be - lieve - that an - y - bo - dy feels the way I do - a - bout you now...  
And all - the roads - we have - to walk - are wind - ing and all - the lights - that lead - us there - are blind - ing.

93

There are ma - ny things - that I - would like to say to you - but I don't know how -  
{ be - cause I said}

may - be - you're gon - na be the one that saves me - and af - ter all -

94

## Chapter 8. Interactive Features

### 8.2. Document-Level Navigation

#### Page 835

In Table 8.3, "Brings in the outline dictionary" replace the **Count** entry with the following entry:

KEY	SUBTYPE	DESCRIPTION
<b>Count</b>	integer	(Required) Total number of visible outline items at all levels of the outline. The value cannot be negative. This entry shall be omitted if there are no open outline items.

In Table 8.4, replace the **Count** entry with the following entry:

KEY	SUBTYPE	DESCRIPTION
<b>Count</b>	integer	(Required) The sum of visible outline items at all levels of the outline. The value cannot be negative. Step 1: Initialize <b>Count</b> to zero. Step 2: Add to <b>Count</b> the number of immediate children. During repetition of this step, update only the <b>Count</b> of the original outline item. Step 3: For each of those immediate children whose <b>Count</b> is positive and non-zero, repeat steps 2 and 3. If the outline item is closed, <b>Count</b> is negative and its absolute value is the number of descendants that would be visible if the outline item were opened.

### 8.4. Annotations

#### Page 607

In Table 8.15, "Brings in a common annotation dictionary," the description for the **Border** entry contains a note. Replace that note with the following note:

**Note:** In PDF 1.2 or later, the dictionaries for some annotation types (such as free text and polygon annotations) can include the **BS** entry. That entry specifies a border style dictionary that has more settings than a array specified for the **Border** entry. If an annotation dictionary includes the **BS** entry, then the **Border** entry is ignored; see implementation note 8.2 in Appendix H.

#### Page 612

In Algorithm 8.1, replace the formula in Step 3 with the following formula:

$$\mathbf{AA} = \mathbf{Matrix} \times \mathbf{A}$$

#### Page 622

In Table 8.24, "Additional entries specific to a line annotation," add the following entry:

KEY	SUBTYPE	DESCRIPTION
<b>BS</b>	dictionary	(Optional, PDF 1.6) A border style dictionary (see Table 8.17 on page 611) specifying the line width and dash pattern to be used in drawing the annotation's stroke.

#### Page 624 and 625

In Table 8.25, "Additional entries specific to a free text annotation," replace the Value descriptions for the entries shown in the following table. Notice that the **IT** subtype has changed:

KEY	TYPE	VALUE
<b>CL</b>	array	(Optional, PDF 1.6) An array of four or more numbers specifying a callout line attached to the free text annotation. Six numbers [ $x_1\ y_1\ x_2\ y_2\ x_3\ y_3$ ] represent the starting, knew point, and ending ordinates of the line in default user space, as shown in Figure 8.4. Four numbers [ $x_1\ y_1\ x_2\ y_2$ ] represent the starting and ending ordinates of the line.
<b>IT</b>	name	(Optional, PDF 1.6) A name describing the intent of the free text annotation (as defined in Table 8.21). The following values shall be valid: <ul style="list-style-type: none"><li>• <b>Free Text</b>, which means the annotation is intended to function as a plain free-text annotation. A plain free-text annotation is also known as a text block or marker.</li><li>• <b>Free TextCallout</b>, which means that the annotation is intended to function as a callout. The callout is associated with an area on the page through the callout line specified in <b>CL</b>. See the implementation note on page 17.</li><li>• <b>FreeTextTypeWriter</b>, which means that the annotation is intended to function as a click-to-type or typeover object and no callout line is drawn.</li></ul> Default value: <b>FreeText</b>

#### Page 638

In Table 8.83, "Brings in a signature field and/or dictionary," replace the Value descriptions for the entries shown in the following table:

KEY	TYPE	VALUE
<b>Reasons</b>	array	(Optional) An array of two strings specifying possible reasons for signing a document. If unspecified, the reasons supplied in this entry shall be used by viewer applications: <ul style="list-style-type: none"><li>• If the <b>Reasons</b> array is provided and the entry indicates that <b>Reasons</b> is a required constraint, one of the reasons in the array shall be used for the signature dictionary; otherwise, signing shall not take place. If the <b>PF</b> entry in <b>Sign</b> indicates <b>Reasons</b> is a optional constraint, one of the reasons in this array may be chosen or a custom reason can be provided.</li><li>• If the <b>Reasons</b> array is omitted or contains a single entry with the value <b>period</b> (":") and the <b>PF</b> entry indicates that <b>Reasons</b> is a required constraint, the <b>Reasons</b> entry shall be omitted from the signature dictionary (see Table 8.102).</li></ul>
<b>MOP</b>	dictionary	(Optional, PDF 1.6) A dictionary containing a <b>length</b> entry whose key is <b>P</b> and whose value is an integer between 0 and 5. A value of 0 defines the signature dictionary as an approval signature (or notary called an ordinary signature) (see Section 8.7.7, "Digital Signatures"). The values 1 through 3 shall be used to indicate signatures (previously called author, signer, and witness) and correspond to the value of <b>P</b> in a DocMOP transform parameters dictionary (see Table 8.104).  If this entry is not present or does not contain a <b>P</b> entry, no rules shall be defined regarding the type of signature or its permissions.

#### Page 699

In Table 8.83, "Brings in a signature field and/or dictionary," the description for the **DiffEntry** describes supported permissions. Remove the value **? (DigitalObject)**:

### 8.7 Digital Signatures

Beginning with PDF 1.7, use of object digests for digital signatures is deprecated. As a result, the **UR** entry in the permission dictionary is also deprecated. The **UR** entry should be used instead. The **UR** and **UR3** entries refer to a **UR** transform parameter dictionary. The **UR** transform method depends on its permission dictionary entry to remain in PDF, only those parts of **UR** entry in the permission dictionary is deprecated.

The presence of a **UR** entry in the permission dictionary requires an object digest to be computed, but the presence of a **UR3** entry in the permission dictionary does not require an object digest, resulting in one that case are detected with a byte range digest and analysis of any changes made to the signature was applied.

#### Page 725

Add the following paragraph after the third paragraph of:

PDF 1.5 specified a method for computing an object digest over a subtree of objects in memory and storing the resulting digest in entries named **DigestValue** and **DigestLocation** in the signature.

## Chapter 10. Document Interchange

### Section 10.7. Tagged PDF

#### Page 927

Replace the paragraph that begins with the phrase: "A link element may contain several link annotations ... within the following paragraphs, example and notes:

When a **Link** structure element defines a span of text to be associated with a link annotation and that span wraps from the end of one line to the beginning of another, this **Link** structure element shall include a single object reference that associates the span with the associated link annotation. Furthermore, the link annotation shall use a **quadPoint** entry to denote the active area on the page.

Figure 9.19 Wrapping active areas associated with a **Link** annotation

Here is some text [with a link](#).

In this above listing, the **Link** structure element references a link annotation that includes a **quadPoint** entry that uses the strings "with a" and "link". That is, the **quadPoint** entry contains 16 numbers: the first 16 numbers encode a quadrilateral for "with a", and the next 16 define a quadrilateral for "link".

**Note:** Beginning with PDF 1.7, use of the **Link** structure element to enclose multiple link annotations is deprecated.

### Section 10.10. Prepress Support

#### Page 929

The second sentence in the second paragraph in section 10.10.4, "Output intents," begins with "For example, one production..." Replace that sentence with the following sentence:

For example, one production facility might process files conforming to a recognized standard such as PDF/X-1, while another uses the PDF/A standard to produce RGB output for document distribution on the Web.

Replace the last paragraph on the page with the following paragraph. That paragraph continues on to page 931.

This is the following output intent subtypes are defined:

- **GTS\_PDFX** corresponds to the PDF/X format standard as specified in ISO 15930 (see the Bibliography).
- **GTS\_PDAF1** corresponding to the PDF/A format standard as defined by ISO 19005 (see the Bibliography).
- **ISO\_PDFE1** corresponding to the PDF/E format standard as defined by ISO 24517 (see the Bibliography).

Table 10.51 shows the contents of this type of output intent dictionary. Other subtypes may be added in the future; the names of any such additional subtypes shall conform to the naming guidelines described in Appendix E.

#### Page 622

In Table 8.24, "Additional entries specific to a line annotation," add the following entry:

KEY	SUBTYPE	DESCRIPTION
<b>BS</b>	dictionary	(Optional, PDF 1.6) A border style dictionary (see Table 8.17 on page 611) specifying the line width and dash pattern to be used in drawing the annotation's stroke.

#### Page 624 and 625

In Table 8.25, "Additional entries specific to a free text annotation," replace the Value descriptions for the entries shown in the following table. Notice that the **IT** subtype has changed:

KEY	TYPE	VALUE
<b>CL</b>	array	(Optional, PDF 1.6) An array of four or more numbers specifying a callout line attached to the free text annotation. Six numbers [ $x_1\ y_1\ x_2\ y_2\ x_3\ y_3$ ] represent the starting, knew point, and ending ordinates of the line in default user space, as shown in Figure 8.4. Four numbers [ $x_1\ y_1\ x_2\ y_2$ ] represent the starting and ending ordinates of the line.
<b>IT</b>	name	(Optional, PDF 1.6) A name describing the intent of the free text annotation (as defined in Table 8.21). The following values shall be valid: <ul style="list-style-type: none"><li>• <b>Free Text</b>, which means the annotation is intended to function as a plain free-text annotation. A plain free-text annotation is also known as a text block or marker.</li><li>• <b>FreeTextCallout</b>, which means that the annotation is intended to function as a callout. The callout is associated with an area on the page through the callout line specified in <b>CL</b>. See the implementation note on page 17.</li><li>• <b>FreeTextTypeWriter</b>, which means that the annotation is intended to function as a click-to-type or typeover object and no callout line is drawn.</li></ul> Default value: <b>FreeText</b>

#### Page 648

In Table 8.29, "Additional entries specific to a unique annotation," add the following entry:

KEY	TYPE	VALUE
<b>LE</b>	name	(Optional, PDF 1.6) A name specifying the line ending style that shall be used in drawing the callout line specified in <b>CL</b> . The name specifies the line ending style for the endpoint defined by the <b>getLineEnd</b> coordinates ( $x, y$ ). Table 8.27 shows the possible line ending styles.
<b>BS</b>	dictionary	(Optional, PDF 1.6) A border style dictionary (see Table 8.17 on page 611) specifying the line width and dash pattern that shall be used in drawing the annotation's stroke.

#### Page 649

In Table 8.30, "Additional entries specific to a unique annotation," add the following entry:

KEY	SUBTYPE	DESCRIPTION
<b>Param</b>	dictionary	(Required if this <b>unique</b> annotation is one of multiple children in a <b>field</b> ; absent otherwise) An indirect reference to the <b>widget</b> annotation's parent field. A unique annotation can have at most one parent; that is, it can be included in the <b>Widgets</b> array of at most one field.

#### 8.6. Interactive Forms

##### Page 677

Add the following paragraph before the third paragraph on this page. That paragraph begins with the phrase "Thus, all fields are added from a common ancestor..."

Because the period is used as a separator for fully qualified names, a partial name shall not contain a period.

##### Page 696

Replace the last sentence in the second paragraph with the following sentences. The sentence to replace begins with "Signature fields that are not intended to be visible should have an annotation rectangle that has zero height and width." View or application must treat such signatures as not visible. Viewer applications should also treat a signature as visible if either the **Hidden** bit or the **NoView** bit of the **IF** entry is true. The **IF** entry is described in Table 8.15, and an annotation flag is described in Table 8.16.

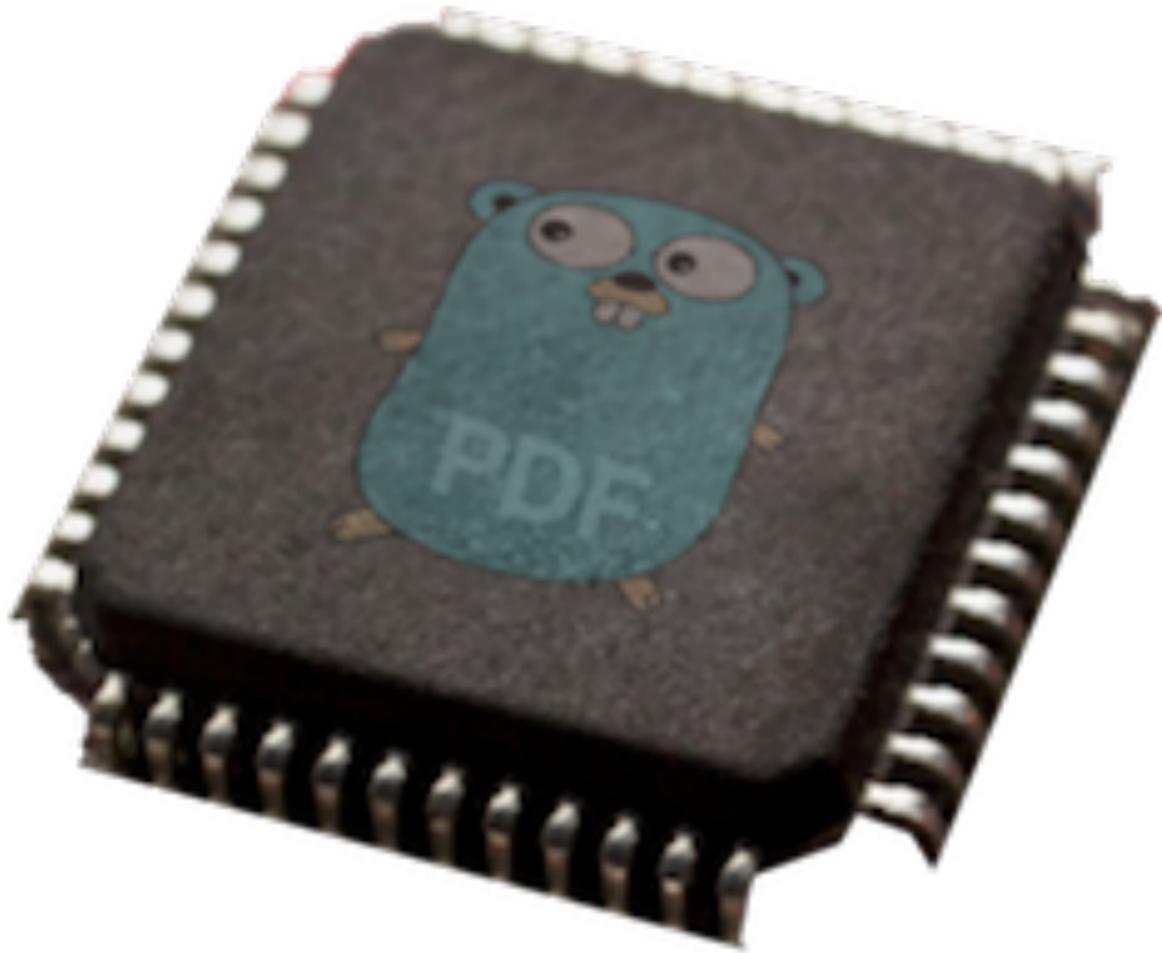
#### Page 698

In Table 8.83, "Brings in a signature field and/or dictionary," the description for the **DiffEntry** describes supported permissions. Remove the value **? (DigitalObject)**:

Replace the first sentence in the section titled "Validating MOP signatures" with the following sentence:

Replace the first sentence in the section titled "Validating MOP signatures" that uses the **DocMOP** transform method:

To validate a signature that uses the **Doc**



# WALDEN

## BY

### HENRY DAVID THOREAU

Set margins and round colored border:  
(needs "bgcol")  
round corner effect depends on border width  
"ma: 5, bo: 7 round .3 .7 .7, fillc:#3277d3, bgcol:#beded9, rot:0"

## Test document PDF

Donec quis augue quis magna condimentum lobortis. Quisque imperdiet ipsum vel magna viverra rutrum. Cras viverra molestie urna, vitae vestibulum turpis varius id. Vestibulum mollis, arcu iaculis bibendum varius, velit sapien blandit metus, ac posuere lorem nulla ac dolor. Maecenas urna elit, tincidunt in dapibus nec, vehicula eu dui. Duis lacinia fringilla massa. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Ut consequat ultricies est, non rhoncus mauris congue porta. Vivamus viverra suscipit felis eget condimentum. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Integer bibendum ligula, non faucibus nulla volutpat vitae. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. In aliquet quam et velit bibendum accumsan. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Integer arcu semper adipiscing at ac lacus. Praesent id pellete  
Integer mattis, ipsum a tincidunt com  
risus. In volutpat, ante at pretium i  
orci nec lorem. Nulla facilisi. Duis  
volutpat felis, quis tristique lig  
ullamcorper mattis eget, alic  
consectetur dui volutpat. N  
Donec sit amet pulvinar  
Quisque volutpat phar  
faucibus ac urna. Se  
ut tempor lacus e  
dolor. Donec ei  
ultricies risus vel a  
quis mi ac nunc pretiu  
Aliquam nulla augue, port  
egestas, aenean malesuada iaculis nisl,  
ut tempus auctor sed egestas ut, feugiat quis  
tempor vulputate. Phasellus  
tincidunt in dapibus nec, vehicula eu dui.  
nunt placerat nisi in aliquam. Cras  
erat ac metus commodo rhoncus.  
Aenean accumsan vitae sem. Phasellus id lectus tortor,  
iaculis sed, consectetur eget sem. Etiam elit velit, posuere ut pulvinar ac, condimentum eget justo. Fusce a erat velit. Vivamus  
imperdiet ultrices orci in hendrerit.





## Test document PDF

**L**orem ipsum dolor sit amet, consectetur adipiscing elit. Nulla est purus, ultrices in porttitor in, accumsan non quam. Nam consectetur porttitor rhoncus. Curabitur eu est et leo feugiat auctor vel quis lorem. Ut et ligula dolor, sit amet consequat lorem. Aliquam porta eros sed velit imperdiet egestas. Maecenas tempus eros ut diam ullamcorper id dictum libero tempor. Donec quis augue quis magna condimentum lobortis. Curabitur imperdiet ipsum vel magna viverra rutrum. Cras viverra molestie urna, vitae vestibulum varius id.

Vestibulum mollis, arcu iaculis bibendum varius, velit blandit posuere lorem nulla ac dolor. Maecenas urna elit, tincidunt in dapibus nec, vehicula eu ultricies lacinia fringilla massa. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Ut consequat ultricies est, non rhoncus nisi, suscipit felis eget condimentum. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Integer bibendum sagittis ligula, in vivibus nulla volutpat vitae. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. In aliquet quam et velit bibendum accumsan. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Vestibulum ipsum nec arcu, adipiscing at ac lacus. Praesent id pellentesque viverra nisl nec rhoncus. Integer mattis, ipsum a tincidunt commodo, arcu eleifend, velit, at mollis eros ante ac risus. In volutpat, ante at pretium ultricies, magna suspendisse, tristique blandit massa orci nec lorem. Nulla facilisi. Duis eu vehicula arcu. Nulla facilisi. Maecenas pellentesque volutpat felis, quis tristique ligula luctus vel. Donec mi, suscipit felis. Integer tincidunt enim, sollicitudin ullamcorper mattis eget, aliquam in est. Morbi sollicitudin libero nec, tincidunt dignissim ut consectetur dui volutpat. Nulla facilisi. Mauris egestas vestibulum nunc, cursus tincidunt. Donec sit amet pulvinar orci.

Quisque volutpat pharetra tincidunt usce sapien arcu, et varius egestas, faucibus ac urna. Sed at nisi in egestas aliquam ut a felis. Aenean malesuada iaculis nisl, ut tempor lacus egestas consequatur. Nibh lectus, gravida sed egestas ut, feugiat quis dolor. Donec euismod, non laoreet nibh, id torbi dictum tempor vulputate. Phasellus ultricies risus, euismod euismod euismod. Volutpat tincidunt placerat nisi in aliquam. Cras quis mi, nec pretium euismod. Aenean eleifend placerat ac metus commodo rhoncus. Aliquam nulla augue, porta non quis, accumsan vitae sem. Phasellus id lectus tortor, euismod vivar augue. Etiam eget varius orus fringilla blandit. Donec odio odio, sagittis sed ipsum dolor sit amet, consectetur adipiscing elit. Ut acenas accumsan velit vel turpis risus, in sodales diam placerat.

luctus ullamcorper velit sit amet lobortis. Etiam ligula felis, vulputate quis rhoncus nec, condimentum eget odio. Vivamus varius ac augue sodales mollis euismod nec tellus. Fusce et ultrices nunc semper nisl. Nam laoreet euismod quam at varius. Sed congue nuctor nibh. Cras tur malesuada fermentum lacus vel accumsan. Duis ornare scelerisque pulvinar ac ligula tempus sit amet. In placerat nulla ac ante scelerisque posuere. Ut ante felis. Sed hendrerit risus a metus posuere rutrum. Phasellus eu augue dui. Ut vestibulum ipsum. Aenean accumsan mollis sapien, ut eleifend sem blandit at. Vivamus luctus mi eget lorem lobortis pharetra. Phasellus at tortor quam, a volutpat purus. Etiam sollicitudin arcu vel elit bibendum et imperdiet risus tincidunt. Etiam elit velit, posuere ut pulvinar ac, condimentum eget justo. Fusce a erat velit. Vivamus imperdiet ultrices orci in hendrerit.

## [hhrutter / pdfcpu](#)

A PDF processor written in Go.

#go #golang #golang-library #pdf #processor #pdf-processor #pdf-files Manage topics

Edit

121 commits 1 branch 12 contributors Apache-2.0

Branch: master New pull request



Nhrutter fix stream parsing

File	Description	Last Commit
_scripts	stampimg	6 days ago
ccitt	fix extract	21 days ago
cmd/pdfcpu	v0.1.18 fix	6 days ago
lzw	wip	15 days ago
pkgs	fix stream	3 days ago
resources	v0.1.18	6 days ago
tiff	wip	15 days ago
.gitignore	cleanup	9 months ago
.travis.yml	watermark	2 months ago
LICENSE.txt	watermark	2 months ago
README.md	v0.1.18 fix	6 days ago
coverage.sh	all types	2 months ago

Upload files Find file Clone or download

Latest commit [5d ago](#) 3 days ago

README.md



## pdfcpu: a golang pdf processor

build pending gofmt references coverage



Package pdfcpu is a simple PDF processor written in Go. It provides both an API and a CLI.

Supported are all versions up to PDF 1.7.

### Status

Version: 0.1.18

- Extended API to support webserver.
- Support for watermarking/stamps.
- Extended logging into horizontal (Info, Debug, Trace etc.) vs. vertical logging (Read, Validate, Write etc.).
- The CLI will produce regular logging if you use -verbose, or -v.
- The CLI will produce verbose logging if you use -vv.
- More tests in api/process\_test.go
- More examples in api/example\_test.go

I don't be - lieve\_ that an - y - bo - dy feels the way I do— a - bout you now...

Dmaj<sup>7</sup>

Esus<sup>4</sup>

## Wonderwall

Words & Music by Noel Gallagher  
© Copyright 1990 Geffen Music Corporation. All Rights Reserved.  
Published by Geffen Music Corporation 2000, London W1  
All Rights Reserved International Copyright Reserved.

F#m

F#m

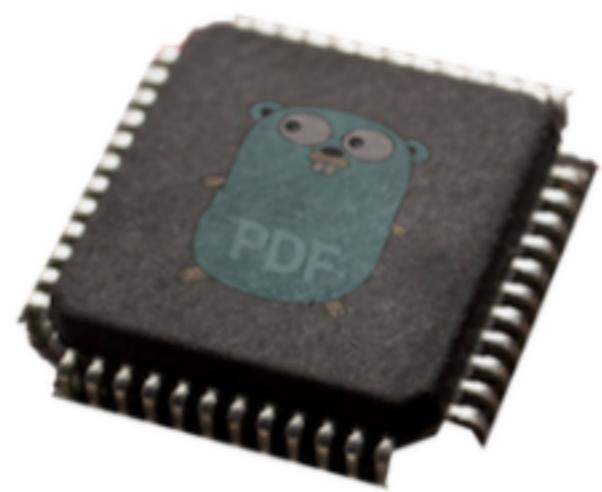
A

Esus<sup>4</sup>

Bm

I'm sure you've heard it all be-fore but you nev-er real-ly had a doubt...

Intentionally left blank



pdpcpu: a pdf processor written in Go

Draft

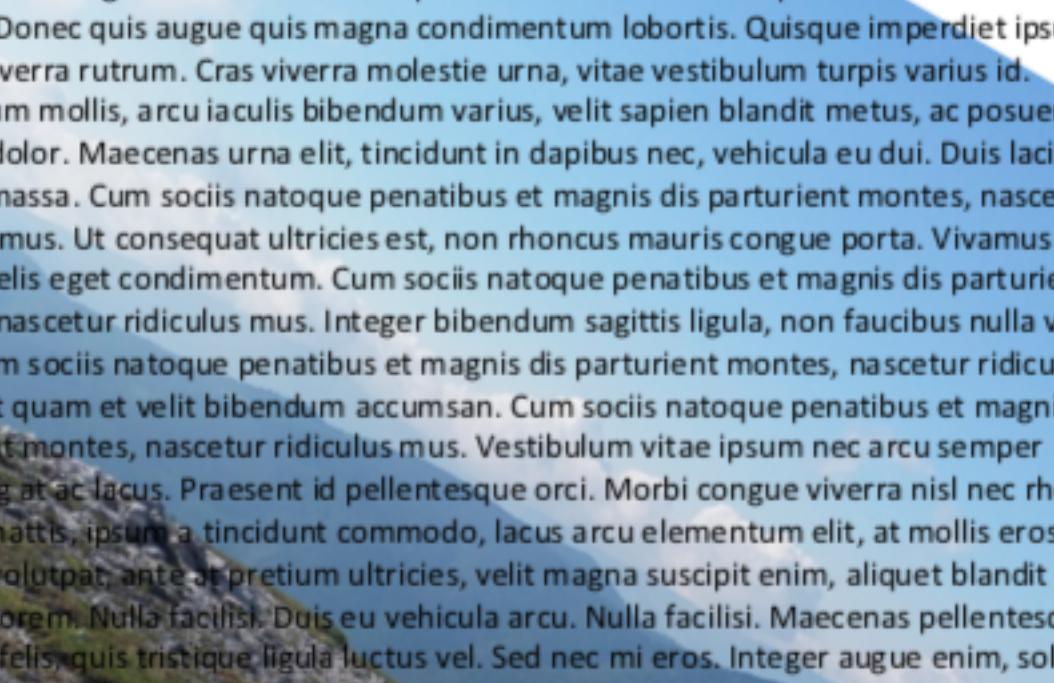
## Test document PDF

Donec quis augue quis magna condimentum lobortis. Quisque imperdierit ipsum vel magna viverra rutrum. Cras viverra molestie urna, vitae vestibulum turpis varius id. Vestibulum mollis, arcu iaculis bibendum varius, velit sapien blandit metus, ac posuere lorem nulla ac dolor. Maecenas urna elit, tincidunt in dapibus nec, vehicula eu dui. Duis lacinia fringilla massa. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Ut consequat ultricies est, non rhoncus mauris congue porta. Vivamus viverra suscipit felis eget condimentum. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Integer bibendum sagittis ligula, non faucibus nulla volutpat vitae. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. In aliquet quam et velit bibendum accumsan. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Vestibulum vitae ipsum nec arcu semper adipiscing at ac lacinia. Praesent id pellentesque orci. Morbi congue viverra nisl nec rhoncus. Integer mattis, ipsum a tincidunt commodo, lacinia arcu elementum elit, at mollis eros ante ac risus. In volutpat, ante at pretium ultricies, velit magna suscipit enim, aliquet blandit massa orci nec lorem. Nulla facilisi. Duis eu vehicula arcu. Nulla facilisi. Maecenas pellentesque volutpat felis, quis tristique ligula luctus vel. Sed nec mi eros. Integer augue enim, sollicitudin ullamcorper mattis eget, aliquam in est. Morbi sollicitudin libero nec augue dignissim ut consequetetur dui volutpat. Nulla facilisi. Mauris egestas vestibulum neque cursus tincidunt. Donec sit amet pulvinar orci.

Quisque volutpat pharetra tincidunt. Fusce sapien arcu, molestie eget varius egestas, faucibus ac urna. Sed at nisi in velit egestas aliquam ut a felis. Aenean malesuada iaculis nisl, ut tempor lacus egestas consequat. Nam nibh lectus, gravida sed egestas ut, feugiat quis dolor. Donec eu leo enim, non laoreet ante. Morbi dictum tempor vulputate. Phasellus ultricies risus vel augue sagittis euismod. Vivamus tincidunt placerat nisl in aliquam. Cras quis mi ac nunc pretium aliquam. Aenean elementum erat ac metus commodo rhoncus. Aliquam nulla augue, porta non sagittis quis, accumsan vitae sem. Phasellus id lectus tortor, eget pulvinar augue. Etiam eget velit ac purus fringilla blandit. Donec odio odio, sagittis sed iaculis sed, consequetetur eget sem. Lorem ipsum dolor sit amet, consequetetur adipiscing elit. Maecenas accumsan velit vel turpis rutrum in sodales diam placerat.

Quisque luctus ullamcorper velit sit amet lobortis. Etiam ligula felis, vulputate quis rhoncus nec, fermentum eget odio. Vivamus vel ipsum ac augue sodales mollis euismod nec tellus. Fusce et augue rutrum nunc semper vehicula vel semper nisl. Nam laoreet euismod quam at varius. Sed aliquet auctor nibh. Curabitur malesuada fermentum lacus vel accumsan. Duis ornare scelerisque nulla, ac pulvinar ligula tempus sit amet. In placerat nulla ac ante scelerisque posuere. Phasellus at ante tellis. Sed hendrerit risus a metus posuere rutrum. Phasellus eu augue dui. Proin in vestibulum ipsum. Aenean accumsan mollis sapien, ut eleifend sem blandit at. Vivamus luctus mi eget lorem lobortis pharetra. Phasellus at tellor quam, a volutpat purus. Etiam sollicitudin arcu vel elit bibendum et imperdierit risus tincidunt. Etiam elit velit, posuere ut pulvinar ac, condimentum eget justo. Fusce a erat velit. Vivamus imperdierit ultrices orci in hendrerit.

## Test document PDF

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla est purus, ultrices in porttitor in, accumsan non quam. Nam consectetur porttitor rhoncus. Curabitur eu est et leo feugiat auctor vel quis lorem. Ut et ligula dolor, sit amet consequat lorem. Aliquam porta eros sed velit imperdiet egestas. Maecenas tempus eros ut diam ullamcorper id dictum libero tempor. Donec quis augue quis magna condimentum lobortis. Quisque imperdiet ipsum vel magna viverra rutrum. Cras viverra molestie urna, vitae vestibulum turpis varius id. Vestibulum mollis, arcu iaculis bibendum varius, velit sapien blandit metus, ac posuere lorem nulla ac dolor. Maecenas urna elit, tincidunt in dapibus nec, vehicula eu dui. Duis lacinia fringilla massa. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Ut consequat ultricies est, non rhoncus mauris congue porta. Vivamus viverra suscipit felis eget condimentum. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Integer bibendum sagittis ligula, non faucibus nulla volutpat vitae. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. In aliquet quam et velit bibendum accumsan. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Vestibulum vitae ipsum nec arcu semper adipiscing at ac lacus. Praesent id pellentesque orci. Morbi congue viverra nisl nec rhoncus. Integer mattis, ipsum a tincidunt commodo, lacus arcu elementum elit, at mollis eros ante ac risus. In volutpat, ante at pretium ultricies, velit magna suscipit enim, aliquet blandit massa orci nec lorem. Nulla facilisi. Duis eu vehicula arcu. Nulla facilisi. Maecenas pellentesque volutpat felis, quis tristique ligula luctus vel. Sed nec mi eros. Integer augue enim, sollicitudin ullamcorper mattis eget, aliquam in est. Morbi sollicitudin libero nec augue dignissim ut consectetur dui volutpat. Nulla facilisi. Mauris egestas vestibulum neque cursus tincidunt. Donec sit amet polyinbar orci.

Quisque volutpat pharetra tincidunt. Fusce sapien arcu, molestie eget varius egestas, faucibus ac urna. Sed at nisi in velit egestas aliquam ut a felis. Aenean malesuada iaculis nisl, ut tempor lacus egestas consequat. Nam nibh lectus, gravida sed egestas ut, feugiat quis dolor. Donec eu leo enim, non laoreet ante. Morbi dictum tempor vulputate. Phasellus ultricies risus vel augue sagittis euismod. Vivamus tincidunt placerat nisi in aliquam. Cras quis mi ac nunc pretium aliquam. Aenean elementum erat ac metus commodo rhoncus. Aliquam nulla augue, porta non sagittis quis, accumsan vitae sem. Phasellus id lectus tortor, eget pulvinar augue. Etiam eget velit ac purus fringilla blandit. Donec odio odio, sagittis sed iaculis sed, consectetur eget sem. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas accumsan velit vel turpis rutrum in sodales diam placerat.

Quisque luctus ullamcorper velit sit amet lobortis. Etiam ligula felis, vulputate quis rhoncus nec, fermentum eget odio. Vivamus vel ipsum ac augue sodales mollis euismod nec tellus. Fusce et augue rutrum nunc semper vehicula vel semper nisl. Nam laoreet euismod quam at varius. Sed aliquet auctor nibh. Curabitur malesuada fermentum laeus vel accumsan. Duis ornare scelerisque nulla, ac pulvinar ligula tempus sit amet. In placerat nulla ac ante scelerisque posuere. Phasellus at ante felis. Sed hendrerit risus a metus posuere rutrum. Phasellus eu augue donec. Proin in vestibulum ipsum. Aenean accumsan mollis sapien, ut eleifend sem blandit at. Vivamus luctus mi eget lorem lobortis pharetra. Phasellus at tortor quam, a volutpat purus. Etiam sollicitudin arcu vel elit bibendum et imperdiet risus tincidunt. Etiam elit velit, posuere ut pulvinar ac, condimentum eget justo. Fusce a erat velit. Vivamus imperdiet ultrices orci in hendrerit.