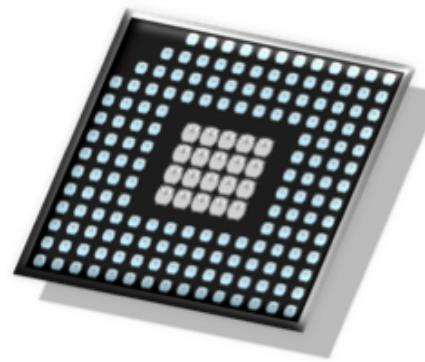


## Test document PDF



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.



**pdftcpu** is a tool for PDF manipulation written in Go.

Usage:

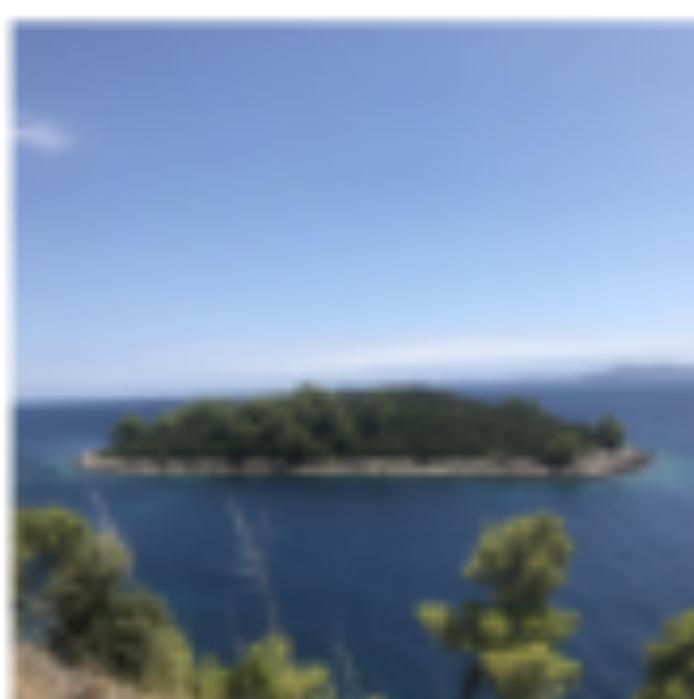
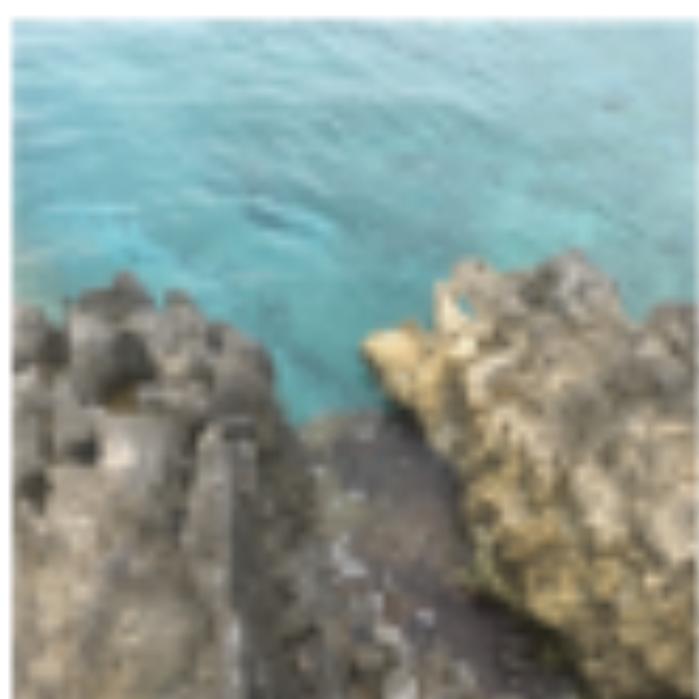
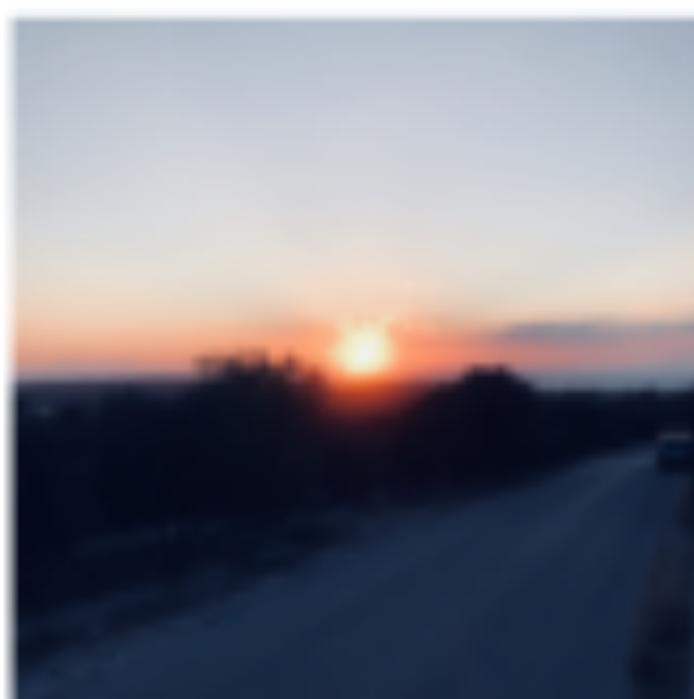
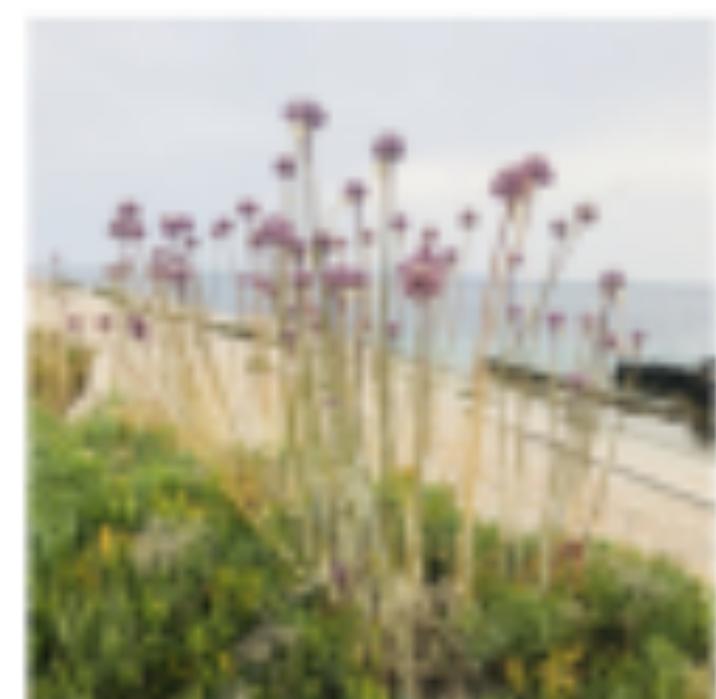
```
pdftcpu command [arguments]
```

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.



```

/*
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You may obtain a copy of the License at

    http://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("%d%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": {4208, 6741}, // 66 1/4" x 93 5/8" 1682 x 2378 mm
    "A1": {3378, 4768}, // 48 3/4" x 66 1/4" 1389 x 1982 mm
    "A2": {2384, 3378}, // 33" x 46 3/4" 841 x 1189 mm
    "A3": {1684, 2384}, // 23 3/8" x 33" 594 x 841 mm
    "A4": {1391, 1684}, // 18 1/2" x 23 3/8" 428 x 594 mm
    "A5": {942, 1391}, // 11 3/4" x 16 1/2" 297 x 420 mm
    "A6": {695, 942}, // 8 1/4" x 11 3/4" 210 x 297 mm

    "A0": {420, 595}, // 5 7/8" x 8 1/4" 148 x 210 mm
    "A1": {337, 420}, // 4 1/8" x 5 7/8" 105 x 148 mm
    "A2": {238, 238}, // 2 7/8" x 4 1/8" 74 x 105 mm
    "A3": {168, 238}, // 2" x 2 7/8" 52 x 74 mm
    "A4": {139, 168}, // 1 1/2" x 2" 37 x 52 mm
    "A5": {94, 139}, // 1 1/2" x 1 1/2" 26 x 37 mm

    // ISO 216:1975 B
    "B0": {3178, 4479}, // 44" x 62 1/4" 1118 x 1588 mm
    "B1": {2335, 4908}, // 39 3/8" x 55 3/4" 1000 x 1454 mm
    "B2": {2041, 2893}, // 28 3/8" x 44 1/4" 724 x 1024 mm
    "B3": {2004, 2835}, // 27 3/4" x 39 3/8" 707 x 1000 mm
    "B4": {1347, 2841}, // 28 1/2" x 28 3/8" 528 x 720 mm
    "B5": {1487, 2884}, // 19 3/4" x 27 3/4" 588 x 767 mm
    "B6": {1001, 1457}, // 13 7/8" x 19 3/4" 353 x 584 mm
    "B7": {709, 1885}, // 9 7/8" x 13 7/8" 258 x 353 mm
    "B8": {499, 709}, // 7" x 9 7/8" 176 x 250 mm
    "B9": {354, 499}, // 4 7/8" x 7" 125 x 176 mm
    "B10": {249, 354}, // 3 1/2" x 4 7/8" 88 x 125 mm
    "B11": {176, 249}, // 2 1/2" x 3 1/2" 62 x 88 mm
    "B12": {125, 176}, // 1 3/4" x 2 1/2" 44 x 62 mm
    "B13": {88, 125}, // 1 1/4" x 1 3/4" 31 x 44 mm

    // ISO 26:1995 envelopes aka ISO C
    "C0": {2999, 3677}, // 36" x 52" 917 x 1297 mm
    "C1": {1837, 2595}, // 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": {439, 649}, // 6 3/8" x 9" 162 x 229 mm
    "C6": {323, 439}, // 4 1/2" x 6 3/8" 154 x 162 mm
    "C7": {238, 323}, // 3 3/16" x 4 1/2" 91 x 154 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" 20 x 40 mm

    // ISO 217:2013 untrimmed raw paper
    "RA0": {2438, 3458}, // 33.9" x 48.9" 898 x 1220 mm
    "RA1": {1729, 2438}, // 24.9" x 33.9" 618 x 866 mm
    "RA2": {3239, 1729}, // 18.9" x 24.9" 438 x 618 mm
    "RA3": {905, 1219}, // 12.9" x 16.9" 395 x 438 mm
    "RA4": {638, 905}, // 8.9" x 12.9" 215 x 395 mm

    "RA0": {2551, 3628}, // 35.4" x 50.4" 988 x 1284 mm
    "RA1": {1854, 2551}, // 25.2" x 35.4" 648 x 988 mm
    "RA2": {3278, 1854}, // 17.7" x 25.2" 458 x 648 mm
    "RA3": {987, 1276}, // 12.6" x 17.7" 328 x 458 mm
    "RA4": {638, 987}, // 8.9" x 12.6" 225 x 328 mm

    "RA0": {2835, 4098}, // 26.9" x 36.2" 668 x 928 mm
    "RA1": {1362, 2835}, // 18.9" x 25.6" 488 x 656 mm
    "RA2": {987, 1362}, // 12.6" x 18.1" 328 x 468 mm
    "RA3": {2835, 4098}, // 12.6" x 18.3" 328 x 464 mm

    // American
    "SuperB": {936, 1368}, // 13" x 19"
    "B": {936, 1368}, // 13" x 19"

    "Tabletoid": {791, 1225}, // 11" x 17" AN1B, DoubleCarta
    "ExtraTabletoid": {865, 1296}, // 12" x 18" ARCB, Arch2
    "Ledger": {1225, 791}, // 17" x 11" AN1B
    "LegalU": {652, 1089}, // 8 1/2" x 14"

    "GiantLegal": {652, 936}, // 8 1/2" x 13"
    "Official": {652, 936},
    "Police": {652, 936}, // 6 3/8" x 9" AN1A

    "Letter": {652, 791}, // 8 1/2" x 11" AN1A
    "Cart": {652, 791},
    "AmericanQuarto": {652, 791}, // 11" x 17" Tabloid, AN1B

    "DoubleCarta": {791, 1225}, // 11" x 17" Tabloid, AN1B, AN2B

    "GiantLetter": {576, 757}, // 8" x 18 1/2"
    "Executive": {522, 756}, // 7 1/4" x 18 1/2"

    "HalfLetter": {397, 612}, // 5 1/2" x 8 1/2"
    "Memo": {397, 612},
    "Statement": {397, 612},
    "Stationary": {397, 612}, // 5 1/2" x 8" AN1A

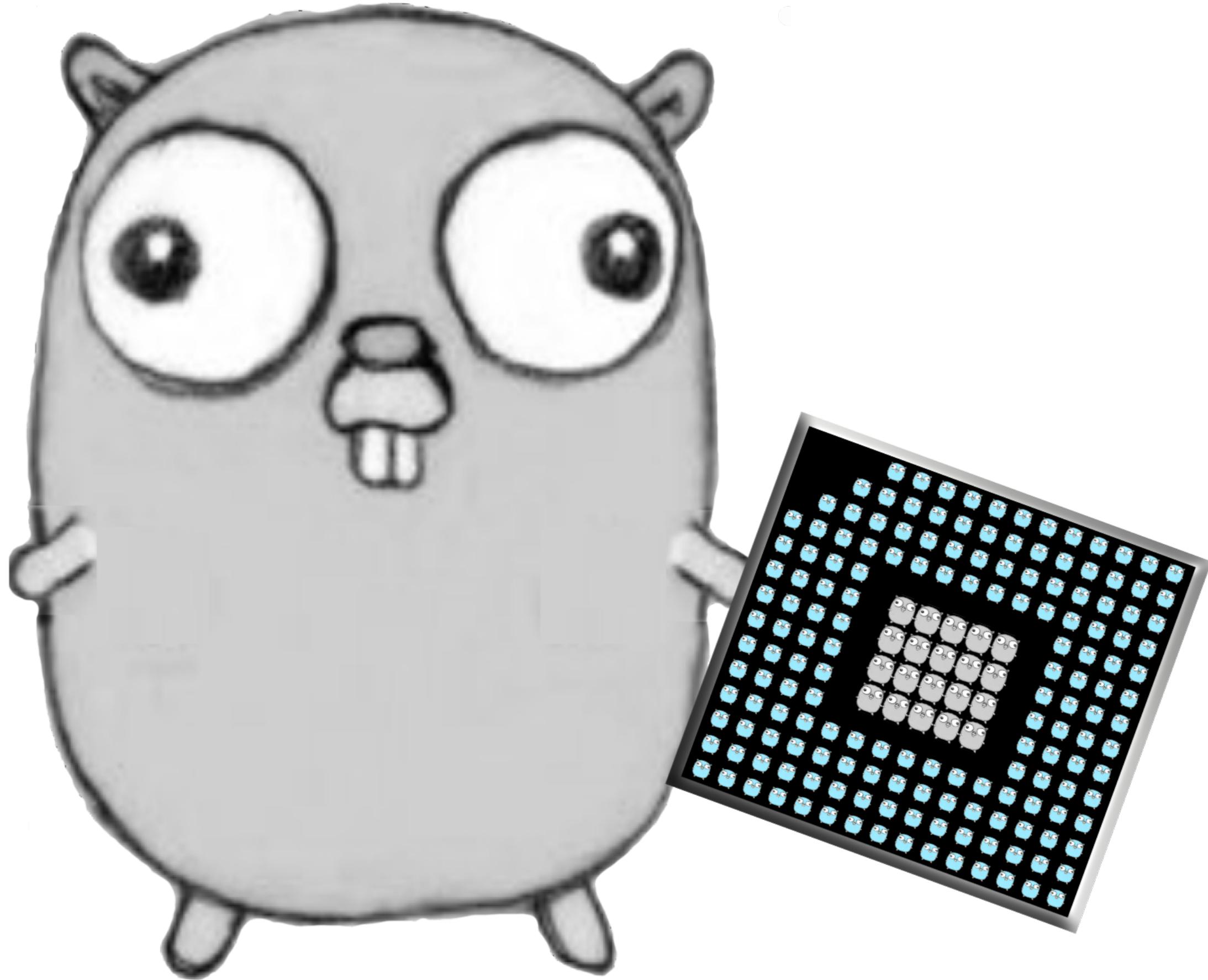
    "JuniorLegalU": {598, 576}, // 5" x 8"
    "IndexCard": {598, 576}, // 4" x 6"

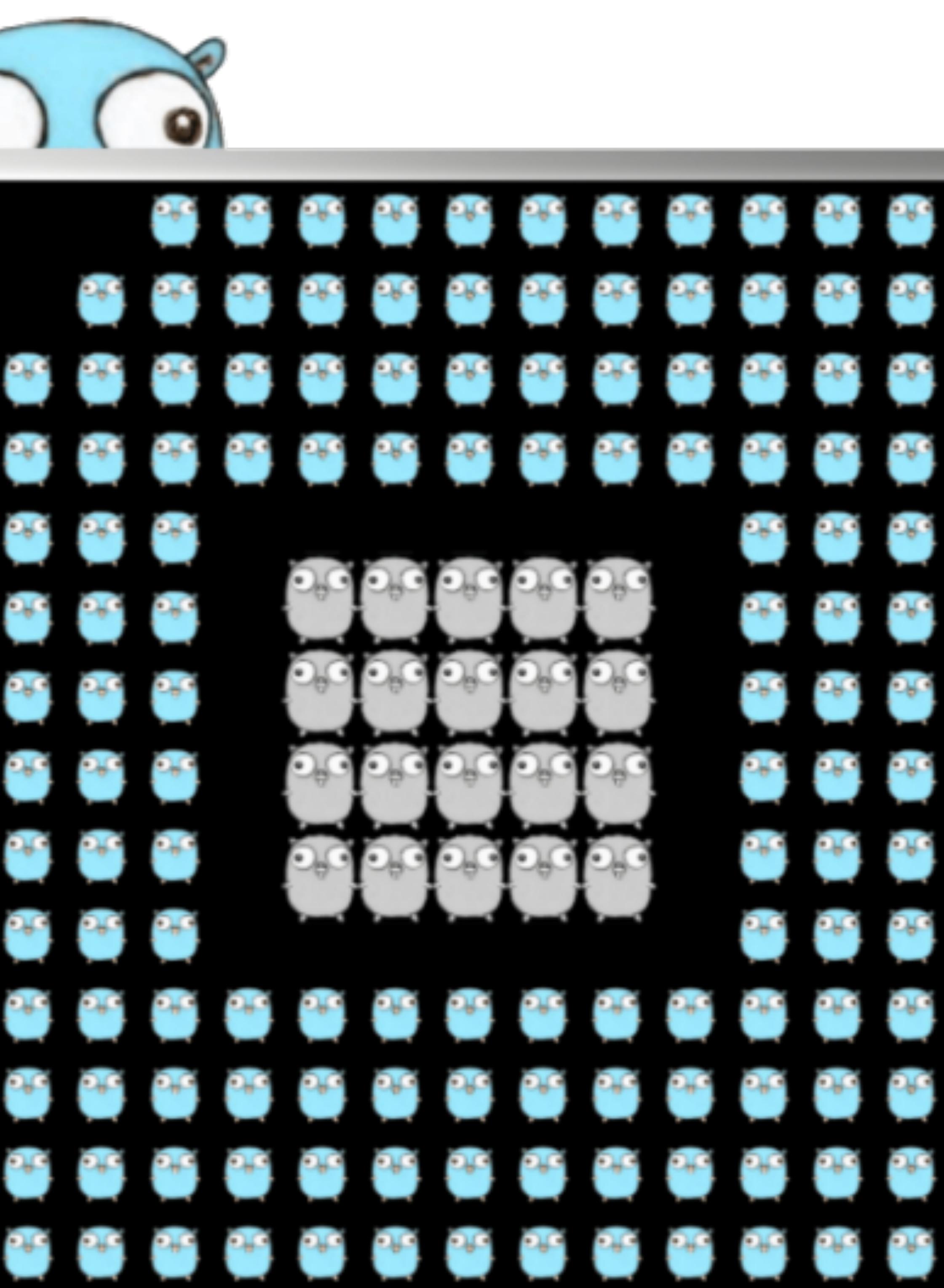
    "Photo": {238, 432}, // 4" x 6"

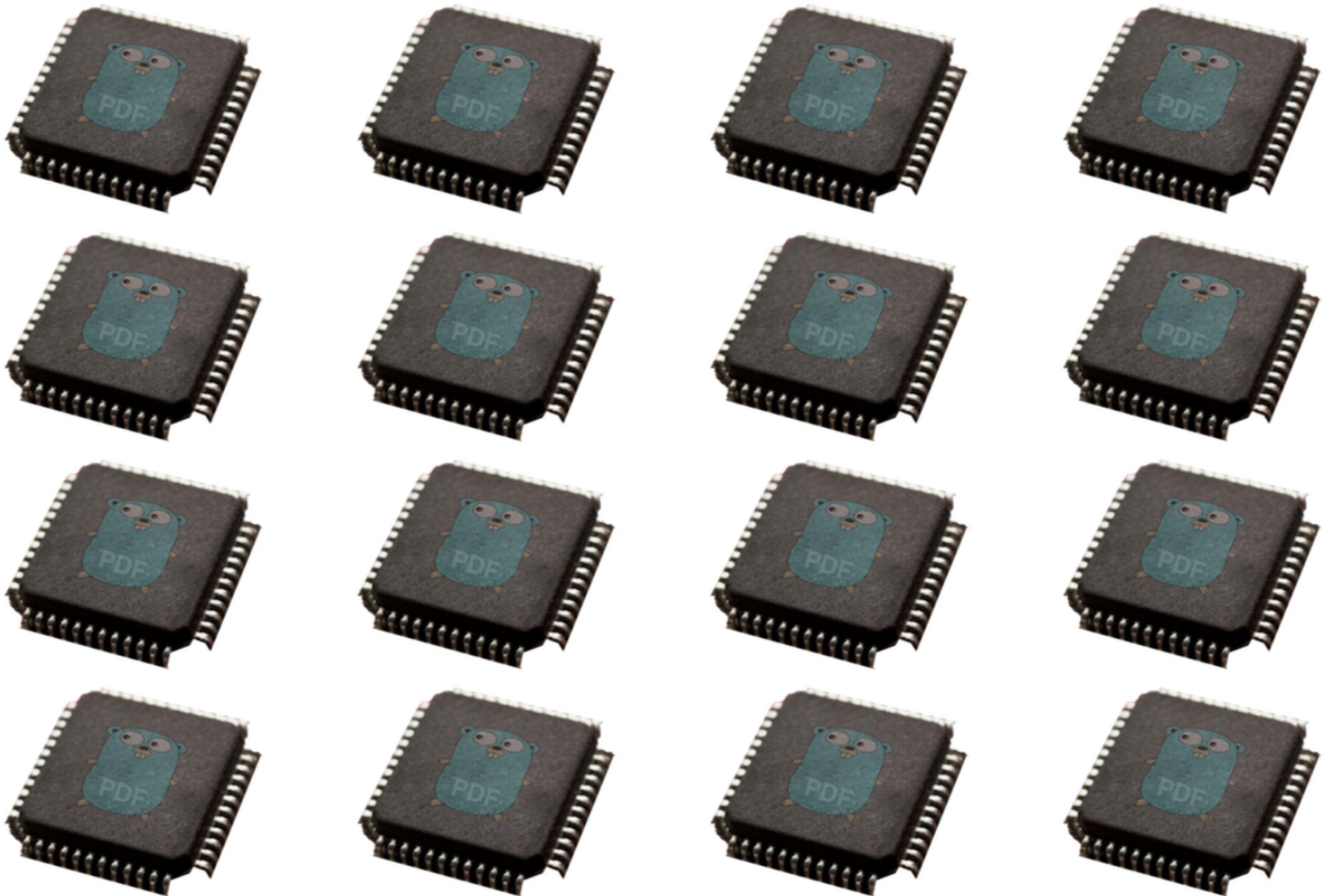
    // ANSI/ASME Y14.1
    "ANSI0": {612, 791}, // 8 1/2" x 11" Letter, Carta, AmericanQuarto
    "ANSI0": {791, 1225}, // 11" x 17" Ledger, Tabloid, DoubleCarta
    "ANSI0": {1225, 1585}, // 17" x 22" AN1B
    "ANSI0": {1585, 2449}, // 22" x 34" AN2B
    "ANSI0": {2449, 3174}, // 34" x 44" AN2B
    "ANSI0": {2956, 2898}, // 28" x 48" AN2B

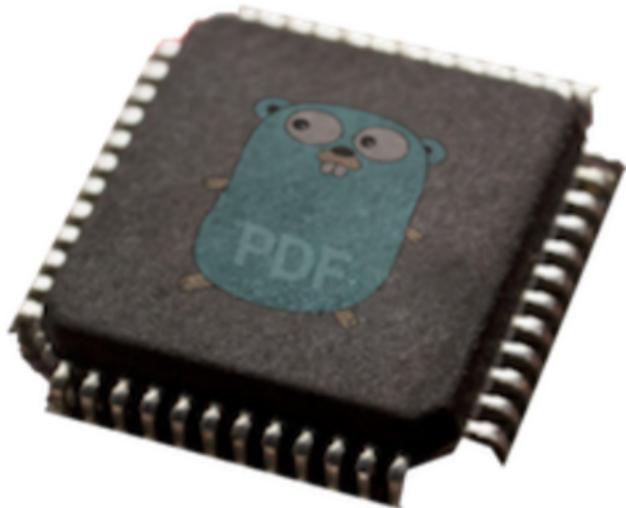
    // ANSI/ASME Y14.1 Architectural series
    "ARCH0": {649, 895}, // 9" x 12" Arch 1
    "ARCH0": {865, 1294}, // 12" x 18" Arch 2, ExtraTabletoid
    "ARCH0": {1295, 1729}, // 18" x 24" Arch 3
    "ARCH0": {1729, 2195}, // 24" x 36" Arch 4
    "ARCH0": {2195, 3456}, // 36" x 48" Arch 5
    "ARCH0": {2568, 3825}, // 38" x 42" Arch 5
    "ARCH0": {3875, 2736}, // 26" x 38"
    "ARCH0": {5945, 2899}, // 22" x 39"
}

```









```
pdfcpu is a tool for PDF manipulation written in Go.  
  
Usage:  
  
pdfcpu 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 pdfcpu version  
  
Single-letter Unix-style supported for commands and flags.  
  
Use "pdfcpu help [command]" for more information about a command.
```



# Wonderwall

Words & Music by Noel Gallagher

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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

D E A /G F  
There are ma - ny things - that I - would like to say to you - but I don't know how -  
{ be - cause }  
I said  
D Pm A /G F  
may - be - you're gon - na be the one that  
D Pm A /G F  
saves me - and af - ter all

94

## chapter 8, Interactive Features

### 8.2, Document-Level Navigation

#### Page 585

In Table 8.1, “Entries in the outline dictionary” replace the **Count** entry with the following entry:

KEY	SUBTYPE	DESCRIPTION
Count	Integer	(Required) Total number of visible outline items at all levels of the outline. The value can't 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
Count	Integer	(Required) If the item has a child or children, the count is the sum of the number of visible descendants outline items at all levels. The number of visible descendants outline items is determined by the following process: Step 1. Initialize Count to zero. Step 2. Add to Count the number of immediate children. During repetition of this step, update only the Count of the original outline item. Step 3. For each of those immediate children whose Count is positive and non-zero, repeat steps 2 and 3. If the outline item is closed, Count 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, “Entries in a comment annotation dictionary,” the description for the **Handler** entry contains a note. Replace that note with the following note:

**AA = Matrix x A**

#### Page 612

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

**AA = Matrix x A**

#### Page 638

In Table 8.18, “Entries in a signature field’s value dictionary,” replace the Value descriptions for the entries shown in the following table:

KEY	TYPE	VALUE
Reasons	array	(Optional) An array of text strings specifying possible reasons for signing a document. If specified, the reasons supplied in this entry replace those used by viewer applications. • If the Reasons array is provided and the If entry indicates that Reasons 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 If entry indicates Reasons is an optional constraint, one of the reasons in the array may be chosen or a custom reason can be provided. • If the Reasons array is omitted or contains a single entry with the value part (“”), and the If entry indicates that Reasons is a required constraint, the Reasons entry shall be omitted from the signature dictionary (see Table 8.102).
MOP	dictionary	(Optional) PDF 1.6 dictionary containing a single entry whose key is If and whose value is an integer between 0 and 3. A value of 0 defines this as an approval (signature previously called ordinary signature) (see Section 8.7, “Digital Signatures”). The values 1 through 3 shall be used for certification signatures (previously called author signatures) and correspond to the value of If in a DocMOP transform parameters dictionary (see Table 8.104). If this entry is not present, or does not contain a If entry, no rules shall be defined regarding the type of signature or its permissions.

#### Page 639

In Table 8.18, “Entries in a signature field’s value dictionary,” the description for the If entry describes supported bit positions. Remove the value ? (DigestOrNot).

### 8.7 Digital Signatures

Beginning with PDF 1.7, the use of object digests for digital signatures is deprecated. As a result, the **UR** entry in the permissions dictionary is also deprecated. The **UR** entry should be used in its place. The **UR** and **URS** entries refer to a **UR** transform parameter dictionary. The **UR** transform itself is defined in the **UR** parameter dictionary and remains in PDF, only with specific **UR** entry in the permissions dictionary deprecated.

The presence of a **UR** entry in the permissions dictionary arguments an object digest to be computed. As the presence of a **UR** entry in the permissions dictionary does not require an object digest, this can only occur in that case one directed with a byte range digest and analysis of any changes made since the signature was applied.

#### Page 725

Add the following paragraph after the third paragraph:

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 937

Replace the paragraph If begins with the phrase “A link element may contain several link annotations ...” with the following paragraphs, example, and note:

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

**Figure 10.19 Wrapping active areas associated with a link annotation**

Here is some text: [a](#).

In the above example, 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 describe a quadrilateral for “with a”, and the next 16 describe 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 970

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

For example, one product on 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 971.

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** corresponds to the PDF/A format standard as defined by ISO 19005 (see the Bibliography).
- **ISO\_PDF/E** corresponds 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
BS	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 border. The annotation dictionary’s <b>AP</b> entry, if present, takes precedence over the BS entry; see Table 8.15 on page 606 and Section 8.4.4, “Appearance Streams.”

#### Page 624 and 625

In Table 8.25, “Additional entries specific to a free text annotation,” replace or the Value descriptions for the entries shown in the following table. Note that the **Type** field has changed:

KEY	TYPE	VALUE
CL	array	(Optional, meaningful only if <b>IT</b> is present; PDF 1.6) An array of four or six 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, ending point, and a bounding box for the text area (see Figure 8.4). Four numbers ( $x_1 \ y_1 \ x_2 \ y_2$ ) represent the starting and ending coordinates of the line.
IT	name	(Optional; PDF 1.6) A name describing the intent of the free text annotation line or the <b>IT</b> entry 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. An plain free-text annotation is also known as a text box or comment.</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 typewriter object and no callout line is drawn.</li> </ul>

#### Page 645

In Table 8.39, “Additional entries specific to a widget annotation,” add the following entry:

KEY	SUBTYPE	DESCRIPTION
Panel	dictionary	(Required if the <b>widget</b> annotation is on one of multiple children in a field; absent otherwise) An indirect reference to the widget annotation’s parent field. A widget annotation can have at most one parent; that is, it can be included in the <b>Kids</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, **it** is forbidden to use ...”

Because the period discussed 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 “Thus, **it** is forbidden to use ...”

Signature fields that are not intended to be visible should have an annotation rectangle that has zero height and width. Viewer applications must treat such signatures as not visible. Viewer applications should also treat signatures as visible if either the **Visible** bit or the **NoShow** bit of the **IF** entry is true. The **IF** entry is described in Table 8.15, and annotation flags are described in Table 8.16.

#### Replace the section title “Validating MOP Signatures” with the following title:

**Validate a signature so that use the DocMOP transform method**

Replace the first sentence in the action titled “Validating MOP signatures” with the following sentence:

To validate a signature that uses the DocMOP transform method, an application shall first verify the byte range digest. Next, it shall verify that any modifications that have been made to the document are permitted by the transform parameters.

Add the following sentence at the end of the first bullet. That bullet begins with “PDF 1.5 requires the calculated value ...”

This validation method is deprecated and should not be used.

#### Page 733

At the beginning of the action titled URL, add the following sentence after the first sentence:

**Note:** The use of a **UR** entry in a permissions dictionary is deprecated. Usage rights should be specified only with a **URS** entry.

#### Page 735

In the **Form** entry in Table 8.105, “Entries in the GR transform parameters dictionary,” add the following name to the list of valid names defined in PDF 1.5:

**Add** Permits the user to add form fields to the document.

**Delete** Permits the user to delete form fields from the document.

Add the following sentence to the Value description of the **Form** entry in Table 8.105, “Entries in the GR transform parameters dictionary”:

This entry is deprecated and should not be used.

#### Page 737

Replace the first bullet on this page with the following:

- The author specifies that form fields can be filled in without validating the approval or certification signature.

Add the following sentence to the description for the **Identity** transform method:

This transform method is deprecated and should not be used.

#### Page 745

Add the following sentence to the Value description of the **UR** entry in Table 8.107, “Entries in a permissions dictionary”:

Using the **UR** entry to specify the signature dictionary is deprecated and should not be used; the **URS** entry should be used instead.

#### Page 742

In the second and third paragraphs on this page, change the term author signatures to certification signatures.

#### Page 971

In Table 10.51, “Entries in a PDF/X-output intent dictionary,” replace the description for the **S** entry shown in the following table:

KEY	SUBTYPE	DESCRIPTION
S	name	(Required) The output intent subtype. Supported values shall be GTS_PDFX, GTS_PDAF1 or ISO_PDF/E.

### Appendix C, Implementation Limits

#### Page 973

Append the following sentence to the paragraph that appears after the bullet and **it** of begins “PDF itself has one architectural limit ...”

This limit does not apply in a PDF file that uses a cross-reference stream (see 3.4.2, “Cross-Reference Streams”) instead of a cross-reference table.

### Appendix H, Compatibility and Implementation Notes

#### Page 1114

After the section entitled 8



PDF

# WALDEN

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### HENRY DAVID THOREAU

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(needs "bgcol")  
round corner effect depends on border width  
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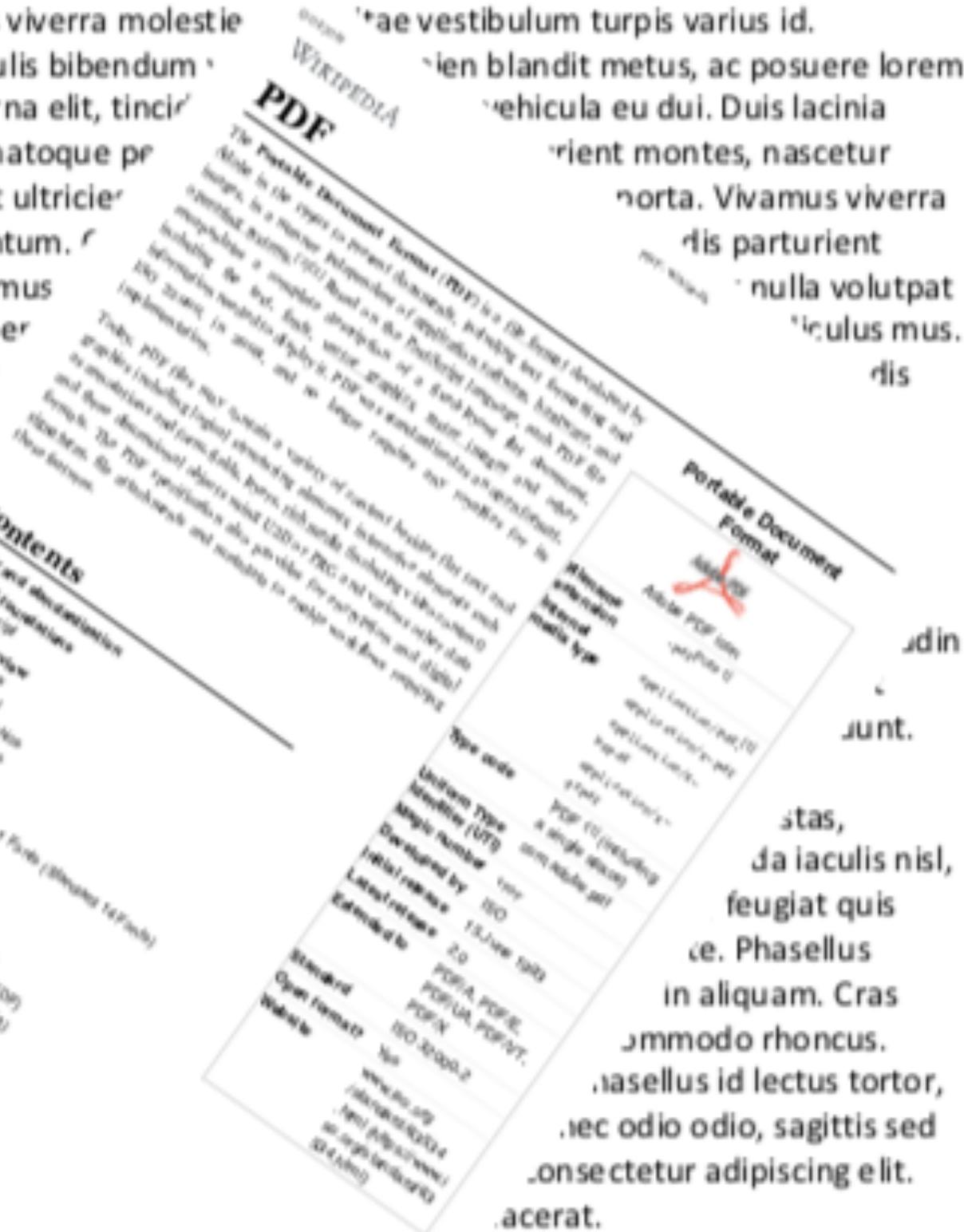
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A PDF processor written in Go.

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## pdfcpu: a golang pdf processor



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 integration.
- 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

 F#m       A       Esus<sup>4</sup>       F#m

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



**Wonderwall**

Words & Music by Noel Gallagher

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Dmaj<sup>7</sup>

Esus<sup>4</sup>

F#m

A

Bm

To-day is gona be the day that they're gona throw it back to you, by now you should've somehow realised what you got to do.

I'm sure you've heard it all before but you never really had a doubt...

A musical score for piano, featuring two staves. The top staff uses a treble clef and has a key signature of two sharps. The bottom staff uses a bass clef. Measure 11 begins with a half note rest followed by a eighth note. It continues with a dotted half note, a sixteenth-note cluster, a sixteenth-note cluster, another sixteenth-note cluster, a sixteenth-note cluster, and a sixteenth-note cluster. Measure 12 begins with a half note followed by a sixteenth-note cluster. The score concludes with a sixteenth-note cluster and a sixteenth-note cluster.

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pdfcpu: a pdf processor written in Go

Draft

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