

Swiss Army Knife for PDF files



jPDF Tweak^{1.1}

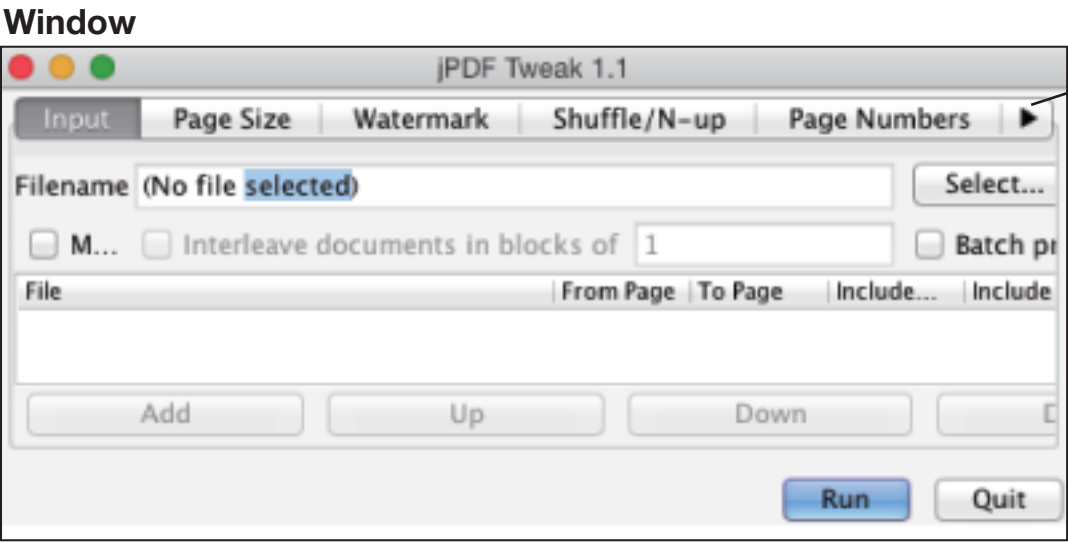
The Graphical GuideBook

About Input, Page size, Watermark, Shuffle/N-up,
Encrypt/Sign and Output Tabs.

jPDF Tweak Developed by Michael Schierl
The Graphical GuideBook by Tukubado (tkbd)

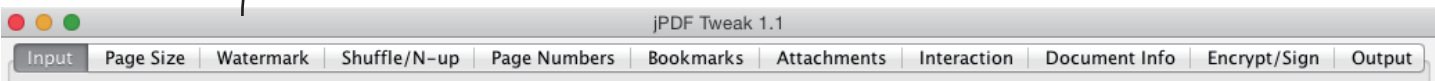
User Interface

Click this ◀ ▶ ,then It will appear tabs that are hidden.

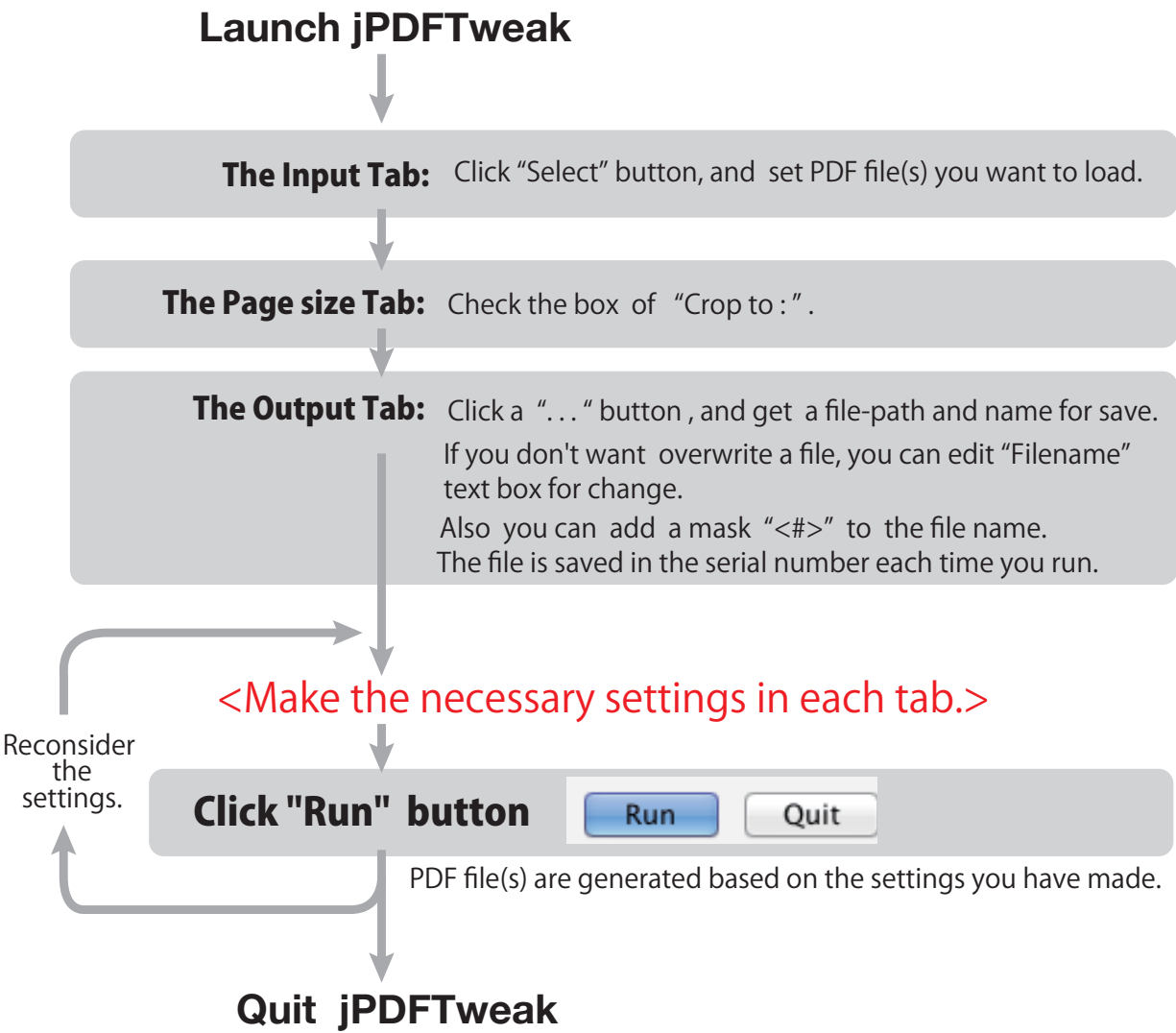


When you drag the edge of the window, you can change the window size.

Tab Menu



Basic Workflow



A.pdf

12345678

(Total number of pages : even)

B.pdf

1234567

(Total number of pages : odd)

C.pdf

12345

“Empty before” means

In case

A setting “Empty before”
in the C.pdf ’s entry.

Result

A.pdf 0

C.pdf 2,1

even case , odd case

Even page’s case

A.pdf + C.pdf

1,0

add 1 empty page

123

78

123

Odd page’s case

B.pdf + C.pdf

no empty page

123

712345

...

Even page’s case

0,1

no empty page

123

781234

...

Odd page’s case

add 1 empty page

123

7

1234

...

Even page’s case

1,2

add 1 empty page

123

78

123

...

Odd page’s case

add 2 empty page

123

7

123

...

Empty page(s)

“Interleave” A.pdf + B.pdf

Input

Output

A 1,3,5,7,9p

B 2,4,6,8,10p

1,2,3,4,5,6,7,8,9,10

✓ Interleave documents in blocks of ...

Blocks

= 1

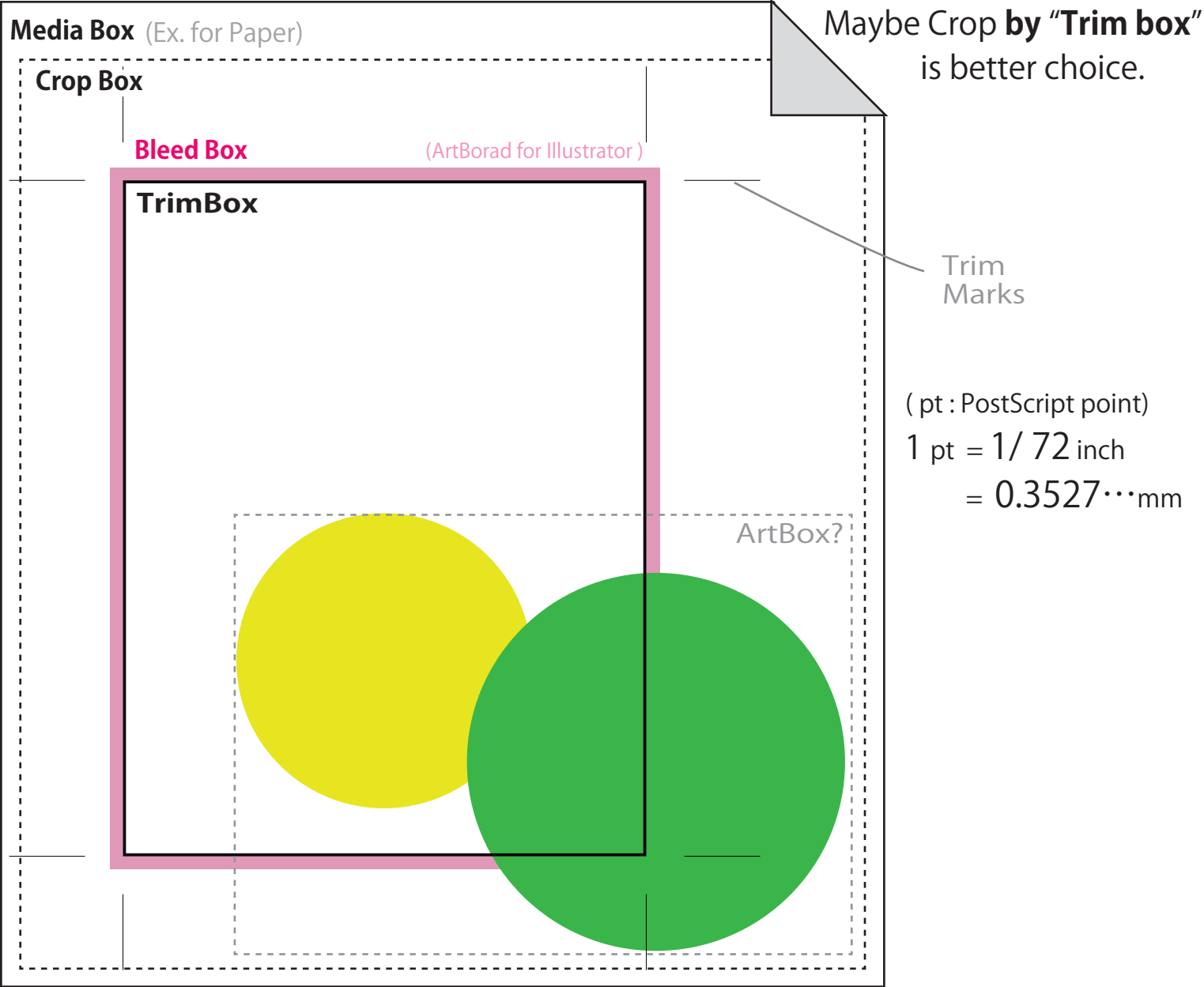
11223344...

2

12123434...

The Page size Tab

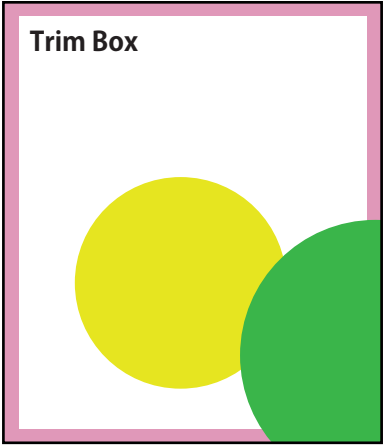
Crop to: About box boundaries



Example, a PDF Page exported by Illustrator

(Export with Artboard(s))

Media = Crop= **Bleed Box size**



Scale Pages (for any large size)

✓ **Center instead of enlarging**

Default

✓ **Do not preserve aspect ratio**

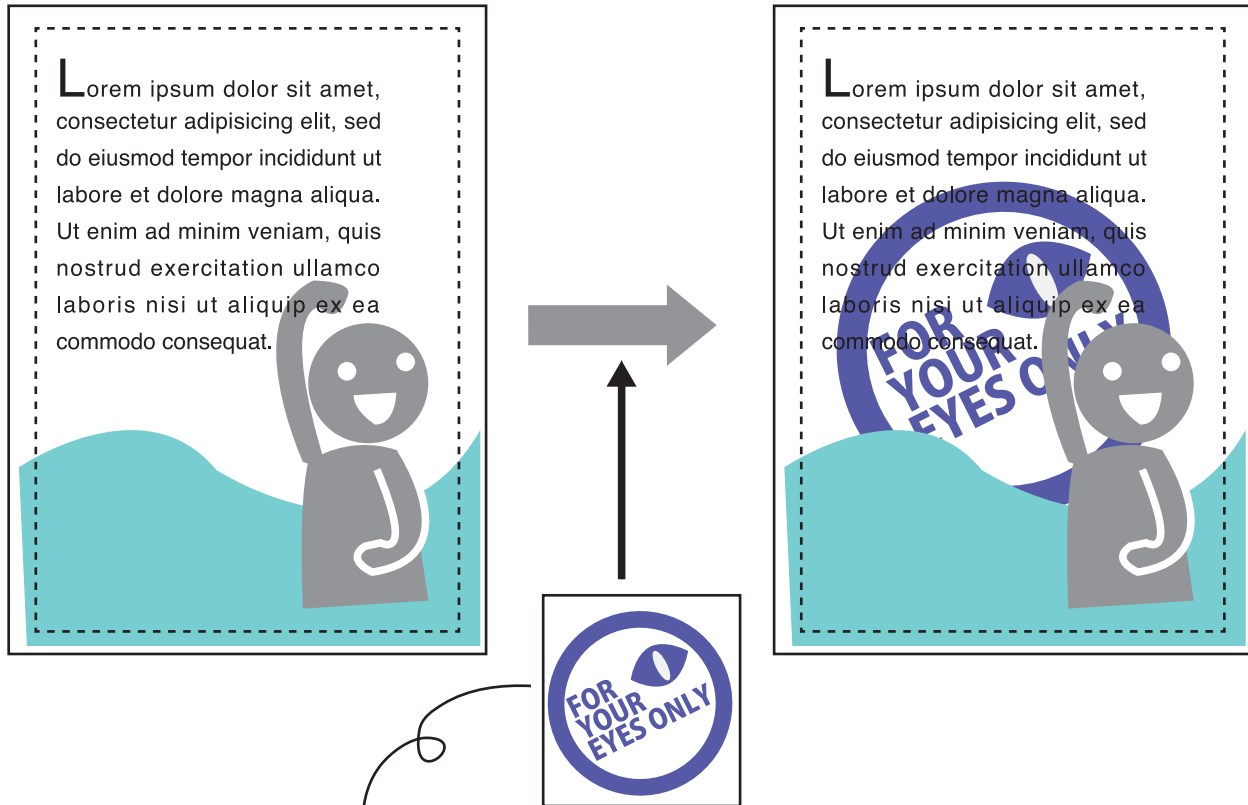
New Page width

New Page height

The three panels show the scaling of a page with a star graphic. The first panel, "Center instead of enlarging", shows the star centered within the page boundaries. The second panel, "Default", shows the star scaled to fit the page. The third panel, "Do not preserve aspect ratio", shows the star distorted to fit the page.

PDF watermark

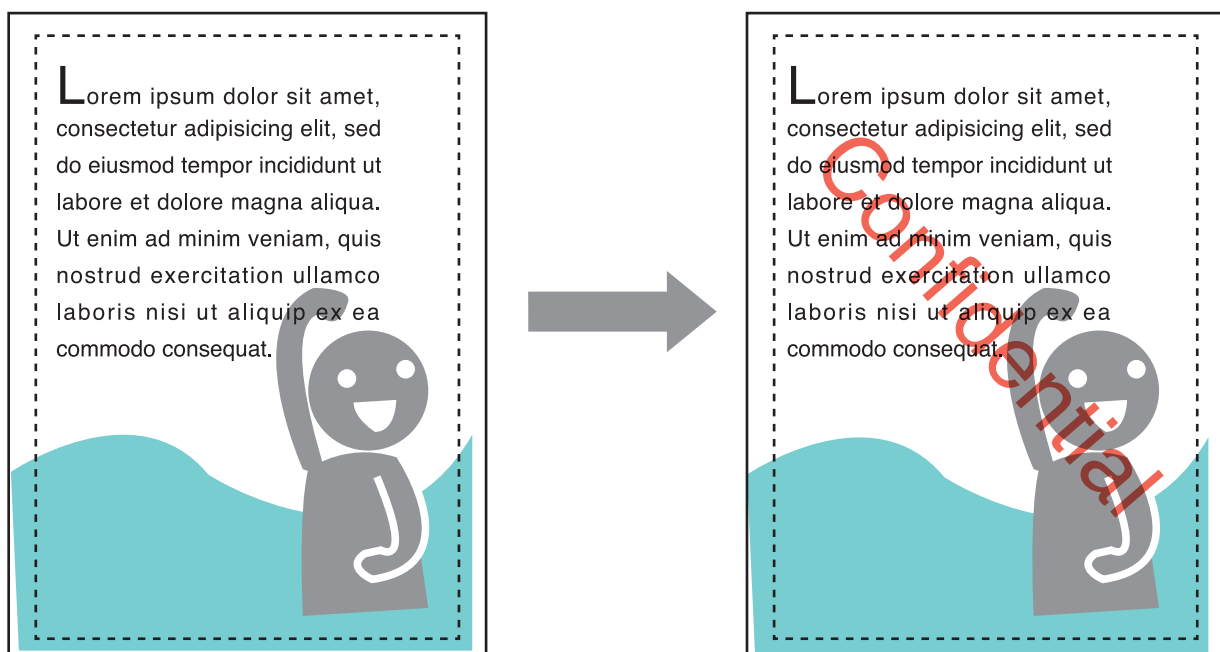
This displays below bottom of all the other elements. Need another pdf file for watermarking.



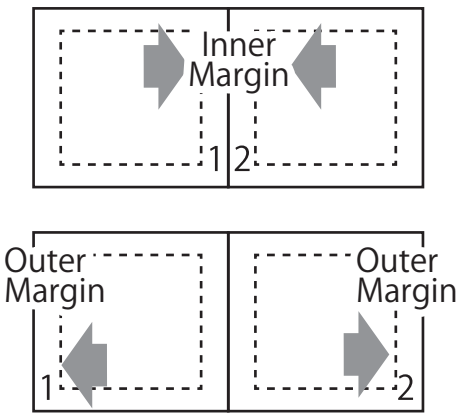
✓ **Add first page of PDF as background watermark** File: stamp.pdf

Transparent Text watermark

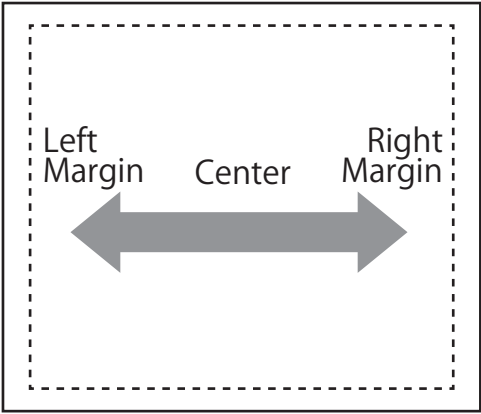
This displays on the top of all the other elements. .



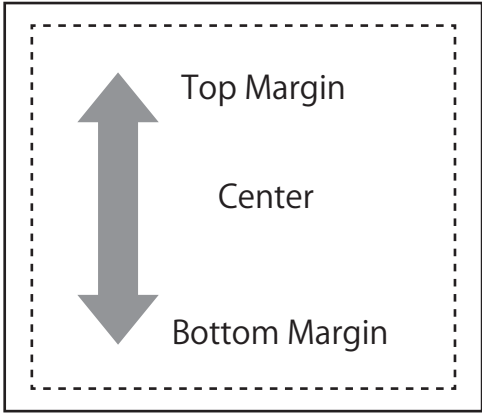
Horizontal



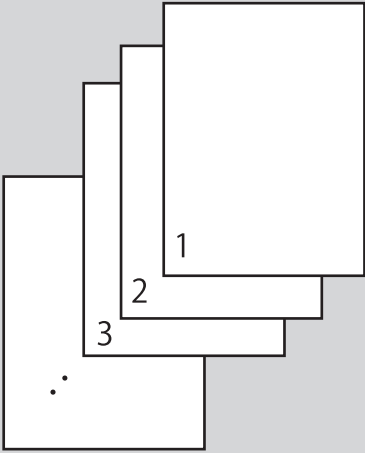
Horizontal



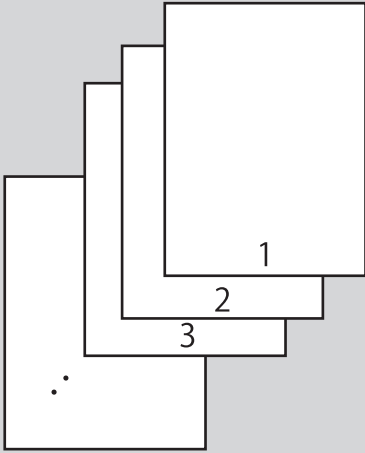
Vertical



Horizontal
Left Margin x
Vertical
Bottom Margin

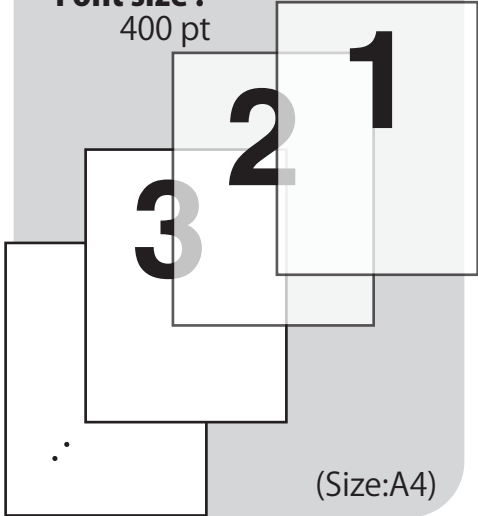


Horizontal
Center x
Vertical
Bottom Margin

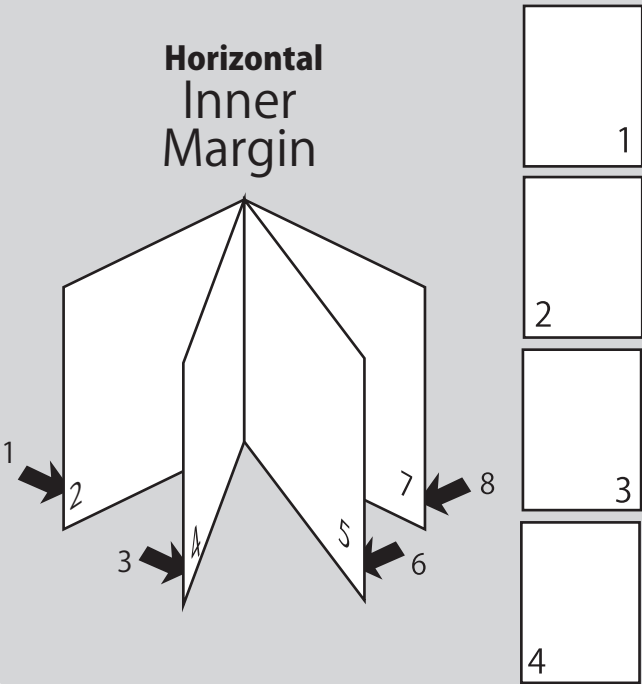


Horizontal
Center x
Vertical
Center

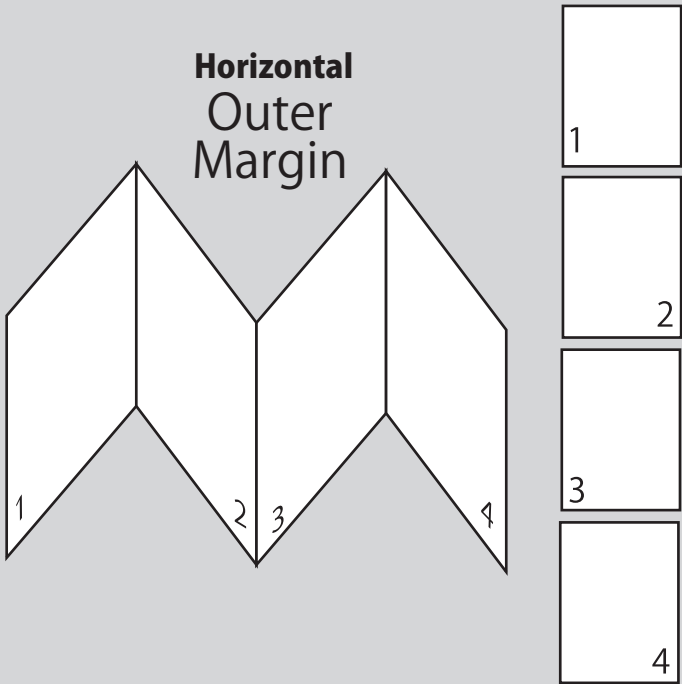
Font size :
400 pt



Horizontal
Inner
Margin



Horizontal
Outer
Margin



Imposition Preset Name
The paper for the print

(P)...Portrait

(L)...Landscape

Default

Reverse Page Order

2-up Portrait

2-up Landscape

4-up

9-up

Booklet Reorder

Booklet Portrait

Booklet Landscape

Booklet 2-Up Fold

Booklet 2-Up Cut

PocketMod

PocketMod UpsideDown

Star Test Pattern

Tile Copy 2x1

Tile Copy 2x2

Tile Copy 4x2

Tile Copy 3x3

Tile Copy 4x4

Tile Copy 4x8

Split 2-up Landscape

Single page

n-UP

Booklet

PocketMod

For Sticker Business card

+1

Default
A4(P)

-1

Reverse
Page Order
A4(P)

2-up Page
Portrait A4(P)

+1

+2

4-up A4(P)

+1

+2

+3

+4

2-up Page
Landscape A4(L)

+1

+2

4-up A4(L)

+1

+2

+3

+4

Star test pattern A4(P)

+1

+1

+1

+1

Booklet 2-up-Fold
A4(P)

-4

+1

-3

+2

Booklet 2-up-cut A4(P)

-8

+1

-6

+3

Tile Copy 2x2 A4(P)

+1

+1

+1

+1

+2

-7

+4

-5

Booklet Portrait
A4(P)

+1

-4

-3

+2

Booklet
Reorder
A4(P)

-4

+1

+2

-3

Pocket Mod A4(P)

+1

+2

+8

+3

+7

+4

+6

+5

Pocket Mod Upside down A4(P)

+2

+1

+3

+8

+4

+7

+5

+6

9-up A4(P)

+1

+2

+3

+4

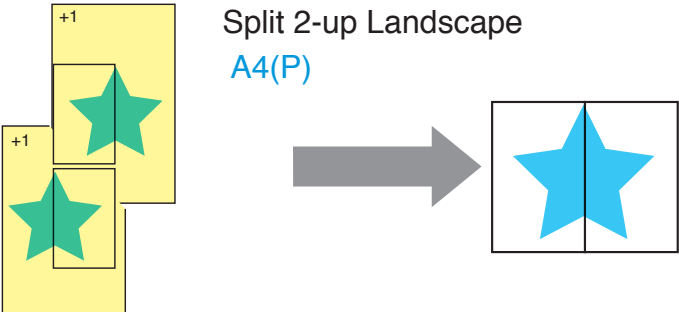
+5

+6

+7

+8

+9

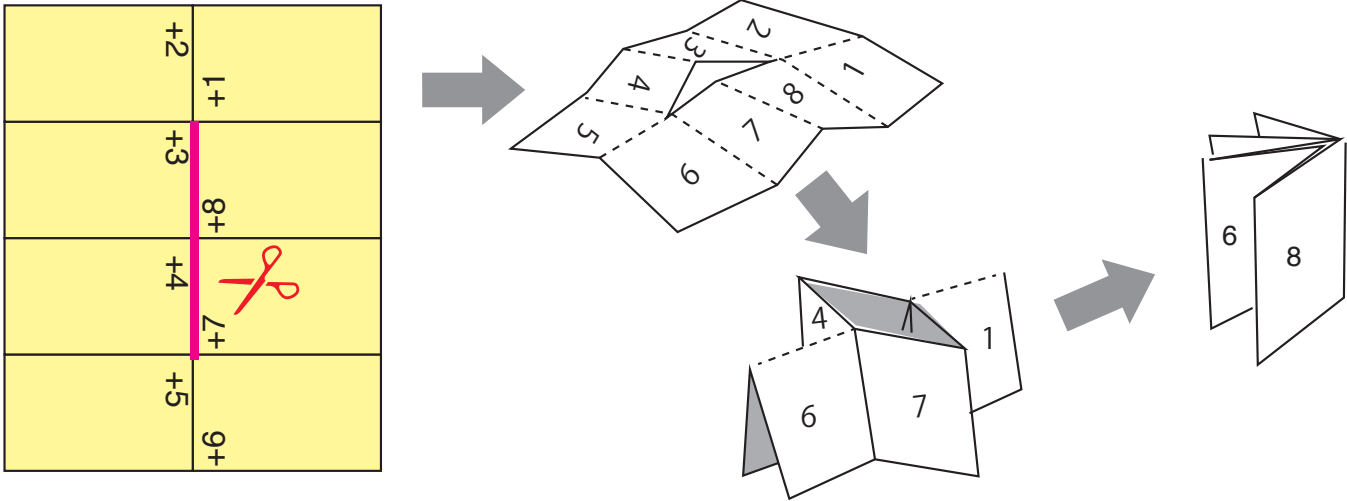


Split 2-up Landscape
A4(P)

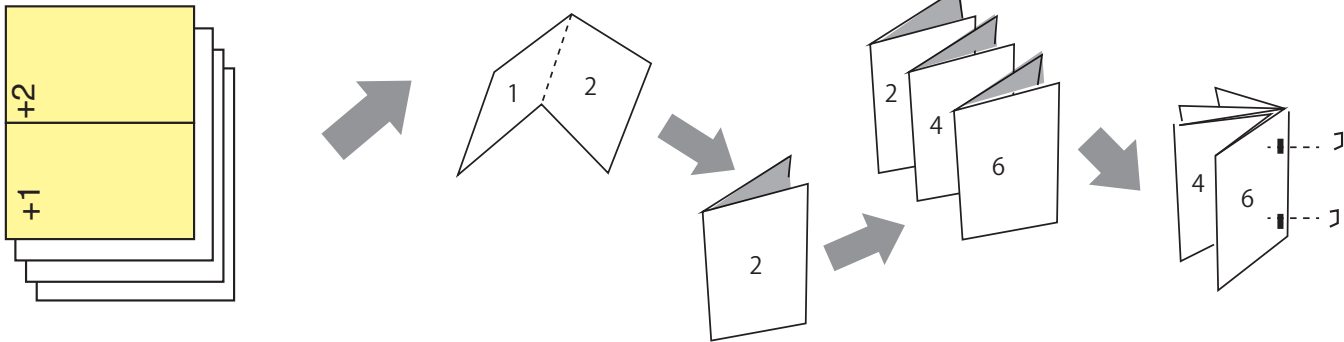
Imposition Preset Name
The paper for the print

(P)...Portrait
(L)...Landscape

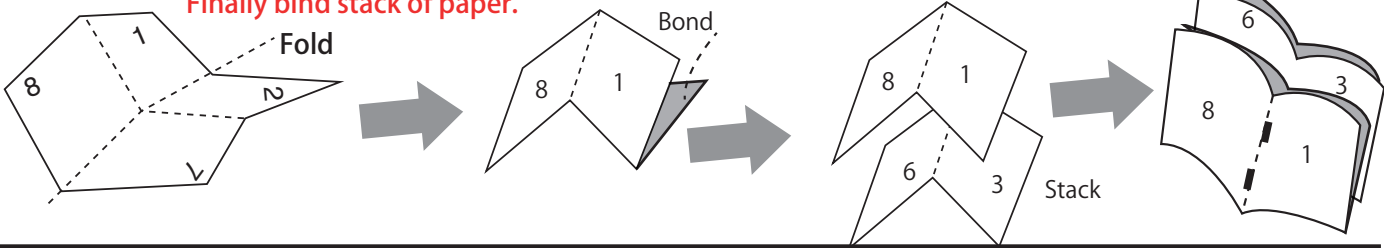
Pocket Mod Upside down A4(P) *Single-side printing



2-up PagePortrait A4(P) *Single-side printing



Booklet 2-up-Fold A4(P) Single-sided printing. At first fold the blank side; and bond them. Then fold the back cover side. Finally bind stack of paper.



Each pass Covers N page(s)

In a nutshell, this parameter makes possible to refer to skip a certain number of pages.

Optimum value for Each pass cover is already set in the **Preset**. So you can using without complicated setting. This information is written for user who want to know how it works.

Shuffle/N-up | Page Numbers | Bookmarks | Attachments | Inte

☒ Shuffle pages

Preset: Default

Config string: 1:1+1N1+0%+0% Use

Each pass covers 1 page(s) Update

☐ Shuffle blocks of 20 pages individually

| Page | OffsetX | OffsetY | ScaleFactor | Rotate | NewPage... | FrameWi... |
|------|---------|---------|-------------|--------|-------------------------------------|------------|
| +1 | +0.0% | +0.0% | 1 | None | <input checked="" type="checkbox"/> | 0 |

If you want to enable the configuration changes, please press always "update" button.

Default(for single page)

This sample considers the PDF document has 10 pages.

Each pass covers 1

☐ Shuffle blocks of 20

| Page | OffsetX | OffsetY |
|------|---------|---------|
| +1 | +0.0% | +0.0% |

The numbers of template unit 1 = 1 Each pass covers

This setting not bad

Preset

Each pass covers 1

Shift 9 times

N = 1

Each pass covers

Result

Template +1

Page -1

OffsetX +0.0%

OffsetY +100.0%

Preset

Reverse Page order.

If you are using an minus sign to template reference, page will be placed in reverse order.

10 9 8 7 6 5 4 3 2 1

Each pass covers 1

☐ Shuffle blocks of 20

| Page | OffsetX | OffsetY |
|------|---------|---------|
| +2 | +0.0% | +0.0% |

Case: Template Page start from +2.

The numbers of template unit 1 = 1 Each pass covers

This setting not good.

Each pass covers 1

N = 1

Each pass covers

Result

Template +2

Reason: Blank Page inserted.

Each pass covers 2

☐ Shuffle blocks of 20

| Page | OffsetX | OffsetY |
|------|---------|---------|
| +1 | +0.0% | +0.0% |

The numbers of template unit 1 < 2 Each pass covers

This setting not bad

Each pass covers 2

N = 2

Each pass covers

Result

Template +1

Each pass covers 2

☐ Shuffle blocks of 20

| Page | OffsetX | OffsetY |
|------|---------|---------|
| +2 | +0.0% | +0.0% |

Case: Template Page start from +2.

The numbers of template unit 1 < 2 Each pass covers

This setting not bad

Each pass covers 2

N = 2

Each pass covers

Result

Template +2

2-up Portrait

Each pass covers2

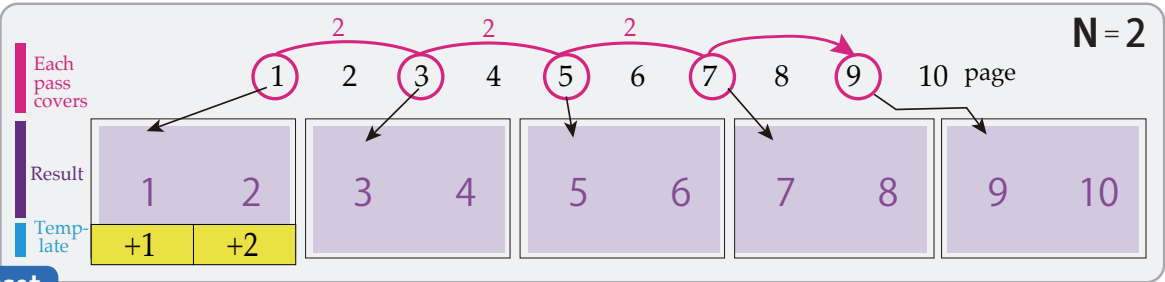
☐ Shuffle blocks of20

| Page | OffsetX | OffsetY |
|------|---------|---------|
| +1 | +0.0% | -100.0% |
| +2 | +100.0% | -100.0% |

The numbers of template unit 2 = 2 Each pass covers

This setting not bad

Preset



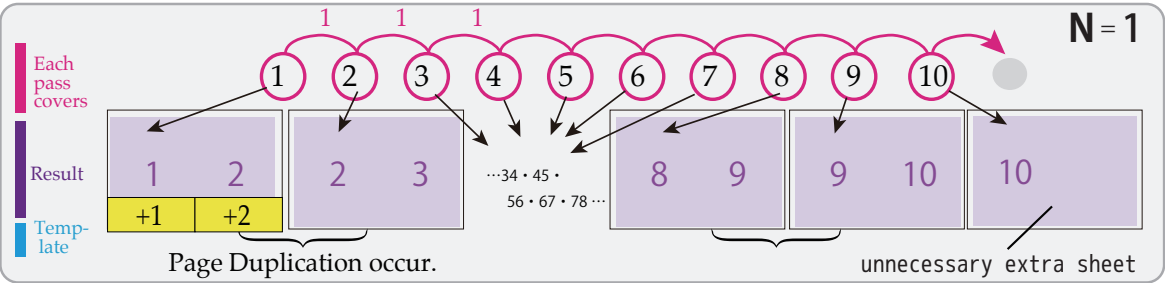
Each pass covers1

☐ Shuffle blocks of20

| Page | OffsetX | OffsetY |
|------|---------|---------|
| +1 | +0.0% | -100.0% |
| +2 | +100.0% | -100.0% |

The numbers of template unit 2 > 1 Each pass covers

This setting not good.



Reason:

Why page Duplication is occurred? because A left 9th page is referenced from the template +1
A right 9th page is referenced from the template +2

The program trying to export the placement of the 10times.

Why blank page was inserted? but the page does not found in the referenced (from template +2).

4-up

Each pass covers4

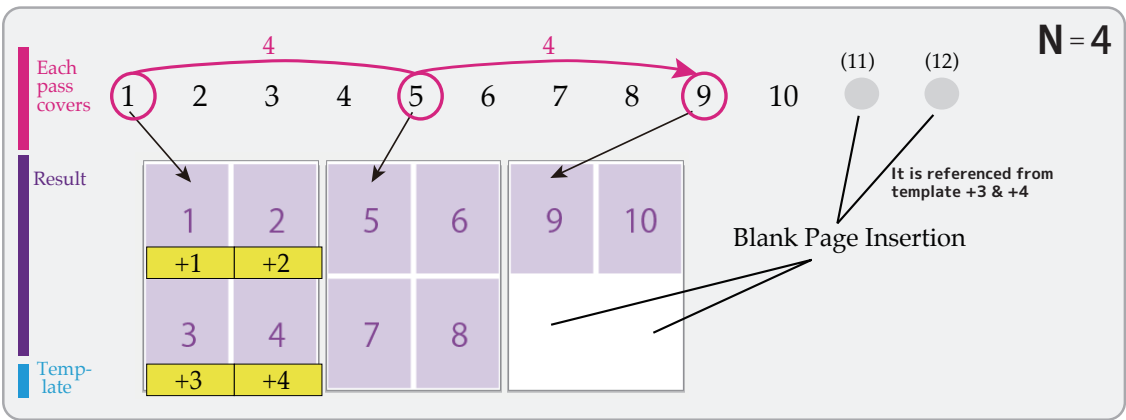
☐ Shuffle blocks of20

| Page | OffsetX | OffsetY |
|------|---------|---------|
| +1 | +0.0% | +100.0% |
| +2 | +100.0% | +100.0% |
| +3 | +0.0% | +0.0% |
| +4 | +100.0% | +0.0% |

The numbers of template unit 4 = 4 Each pass covers

This setting not bad

Preset



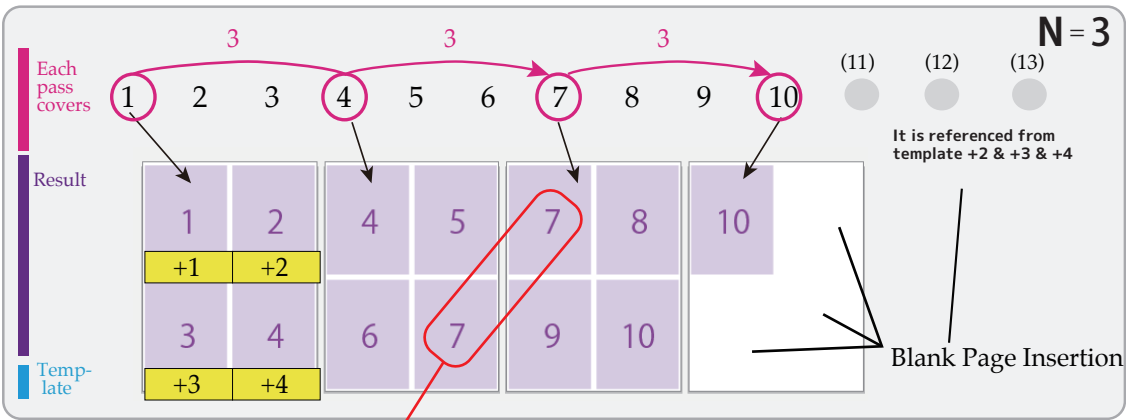
Each pass covers3

☐ Shuffle blocks of20

| Page | OffsetX | OffsetY |
|------|---------|---------|
| +1 | +0.0% | +100.0% |
| +2 | +100.0% | +100.0% |
| +3 | +0.0% | +0.0% |
| +4 | +100.0% | +0.0% |

The numbers of template unit 4 > 3 Each pass covers

This setting not good.



Reason:

Why page Duplication is occurred? because A left 7th page is referenced from the template +4
(4th,7th,10th page)
A right 7th page is referenced from the template +1

Why blank page was inserted? The program trying to export the placement of the 4times.
but the page does not found in the referenced (from template +2+3+4).

The Shuffle/N-up (5)

Each pass Covers

"If you give a **negative number**, you can take **half of the pages from the end of the document** instead of from the beginning."

About Each Pass Covers, from jPDF Tweak manual.

About Each Pass covers (Negative number)

It works well if contains a **Negative reference number** in the template unit.

So **another pass will start from the end of the document.** (2-pass shift)

As a result, it makes half the number of times for page shift.

4-up

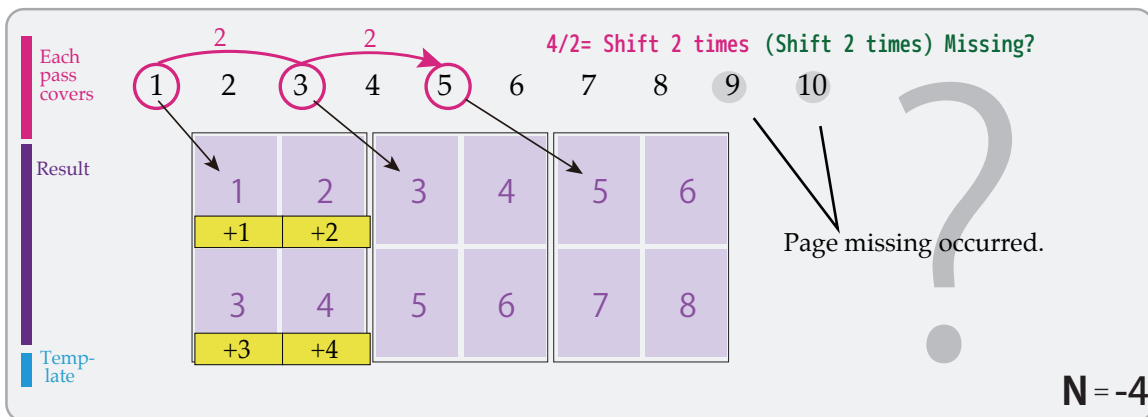
Each pass covers -4

All references have positive only.

| Page | OffsetX | OffsetY |
|------|---------|---------|
| +1 | +0.0% | +100.0% |
| +2 | +100.0% | +100.0% |
| +3 | +0.0% | +0.0% |
| +4 | +100.0% | +0.0% |

The numbers of template unit **4** , **-4** Each pass covers

This setting not good.



When all template references have a plus sign. Don't use negative number to a parameter "Each pass covers".

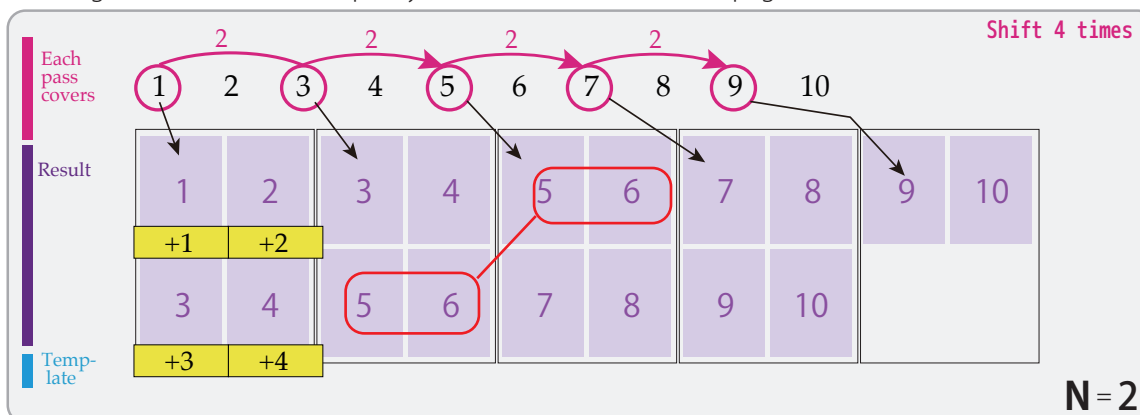
Why does not proceed path to the end? The program trying to export the placement of the **2times**. $4/2 = 2$ times

You might think the same as specify 2 to Each Pass cover. but page shift occuer 4 times.

| Page | OffsetX | OffsetY |
|------|---------|---------|
| +1 | +0.0% | +100.0% |
| +2 | +100.0% | +100.0% |
| +3 | +0.0% | +0.0% |
| +4 | +100.0% | +0.0% |

The numbers of template unit $4 > 2$ Each pass covers

This setting not good.



Reason: This case: The program trying to export the placement of the 4times.
Page Duplication is occurred.

If a negative value is included in the template, it will be referenced in this way.

Number of times that the shift occurs $4/2 =$ Shift 2 times Shift 2 times

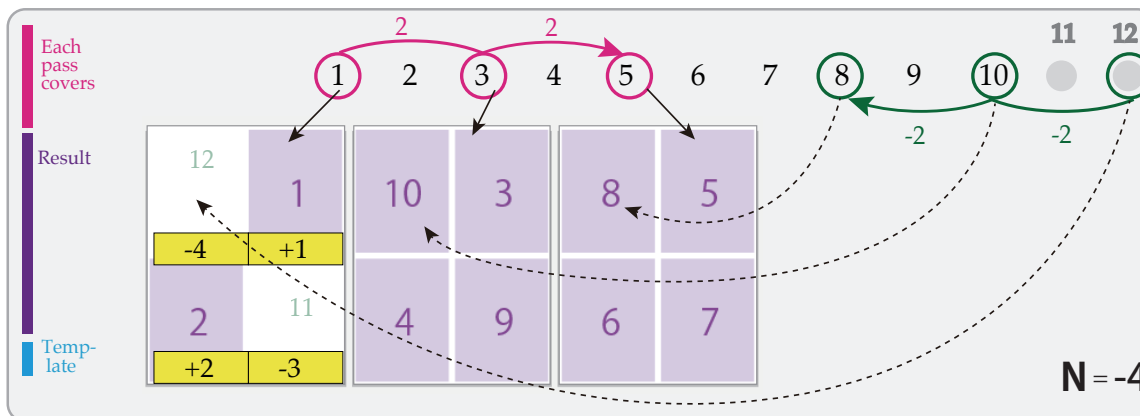
Each pass covers -4

the references contains Negative.

| Page | OffsetX | OffsetY |
|------|---------|---------|
| -4 | +0.0% | +0.0% |
| +1 | +100.0% | +0.0% |
| +2 | +0.0% | +0.0% |
| -3 | +100.0% | +0.0% |

The numbers of template unit **4** **-4** Each pass covers

This setting not bad



Reason: Why blank page was inserted?

The page does not found in the referenced (from template -4 & -3).
If the PDF document that has 12 pages would be placed all the pages.

This setting is similar into "Booklet Portrait" preset.

Each pass Covers N page(s)

"If you give a negative number, you can take half of the pages from the end of the document instead of from the beginning."

from jPDF Tweak manual.

Set Positive Negative number.
Actually,how it works?

Template

Pages

Opposite or Next page

*Single-side printing

Shuffle/N-upPage NumbersBookmarks

☒ Shuffle pages

Preset:Default

Config string:1:1+1N1+0%+0%

Each pass covers1

☐ Shuffle blocks of20

| Page | OffsetX | OffsetY | ScaleFactor | Rotate |
|------|---------|---------|-------------|--------|
| +1 | +0.0% | +0.0% | 1 | None |

The Conclusion:

The numbers of template unit

>

Each pass covers

Page duplication occur.

The numbers of template unit

=

Each pass covers

OK

The numbers of template unit

<

Each pass covers

Page is skipped.
it might be missing of the page by case.

The Conditions of using minus sign in "Each cover pages".

There is a minus sign in the template references.

Be careful to the total number of pages. it should not appear the unnecessary extra page.

Default setting
N = +9

9-up*
9/2= 4.5
N = -9

This setting not good.

123

456

789

A10BC12

D13E14F15

G16H17I18

J19K20

123

456

789

567

89A10

B11C12D13

A10BC12

D13E14F15

G16H17I18

E14F15G16

H17I18J19

K20

N = -9

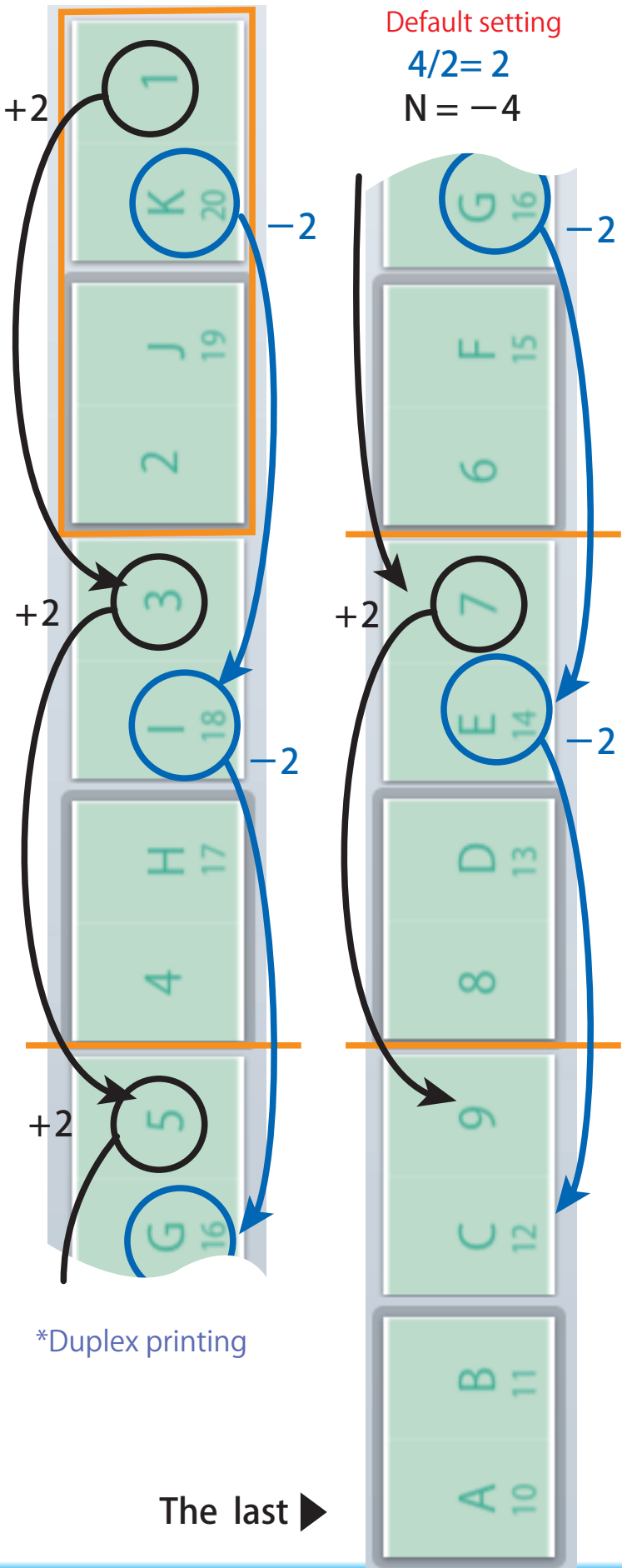
In case N = odd number make confusing results.

So it is preferable to specify an even.

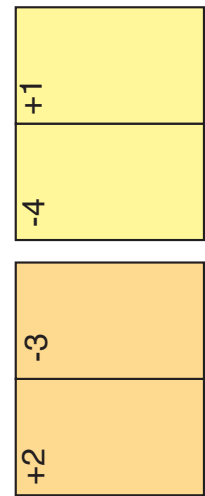
Booklet Portrait *

Example : Total Pages = 20p Preset

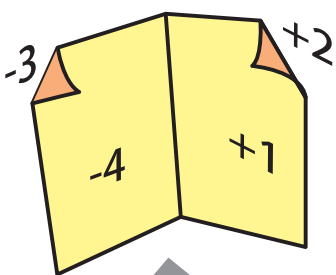
Default setting
 $4/2=2$
 $N = -4$



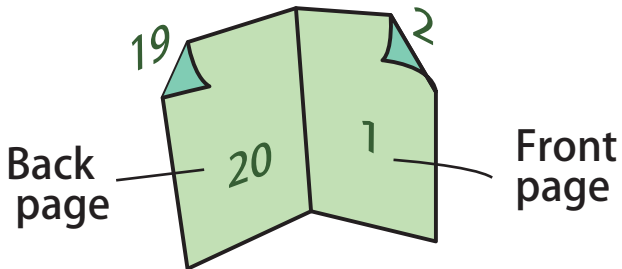
Booklet Portrait
A4(P)



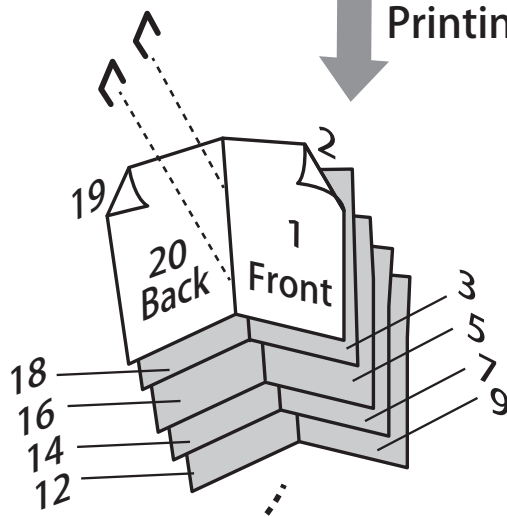
Template



Impositioned

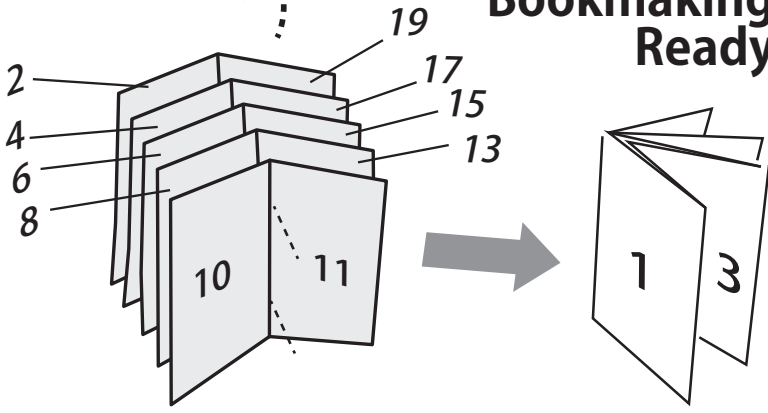


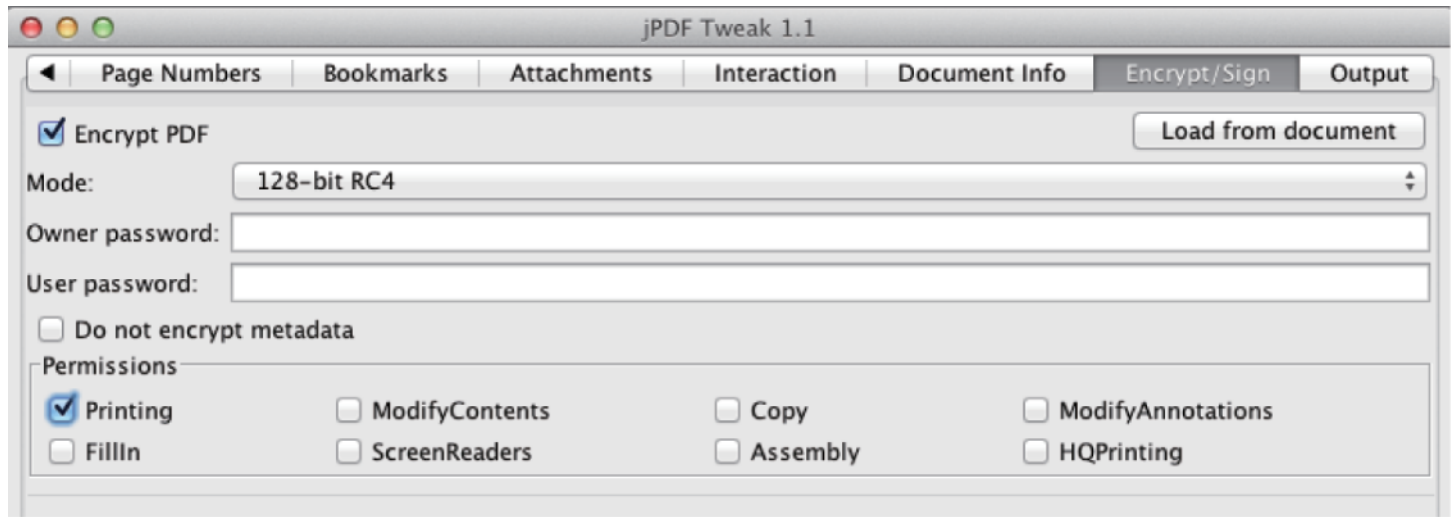
Printing



Book Binding

Bookmaking Ready





Encrypt PDF>Set Permissions

● Allowed (許可)

| jPDF Tweak | | EncryptPDF Checked Permissions | | | | | | | |
|---|--|--------------------------------|-----------------|------|--------------------|---------|---------------|------------------|---------|
| Adobe Acrobat XI Pro Allowed | | Printing | Modify Contents | Copy | Modify Annotations | Fill in | Screen Reader | Assembly | HQPrint |
| Acrobat XI Pro Document Restrictions Summary(*) | Printing 印刷 | ● *1 Low Res | | | | | | ● *2 High Res | |
| | Changing the Document 文書の変更 | | ● | | | | | | |
| | Document Assembly アセンブリ | | ● | | | | ● | | |
| | Content Copying 内容のコピー | | | ● | | | | | |
| | Content Copying for Accessibility アクセシビリティのための内容の抽出 | | | ● | | ● | | | |
| | Page Extraction ページの抽出 | | | | | | | | |
| | Commenting 注釈 | | | ● | | | | | |
| | Filling of form fields フォームフィールドの入力 | | ● | ● | ● | | | | |
| | Signing 署名 | | ● | ● | ● | | | | |
| | Creation of Template Pages テンプレートページの作成 | | ● | | ● | | | | |

Plan:A

✓ Printing
✓ Copy

Plan:B

✓ Printing
✓ Copy
✓ Fill in

Plan:C *2

✓ Printing
✓ HQPrint

***Adobe Acrobat XI Pro Document Restrictions Summary**
Menu: File > Properties..., "Security" Tab in the Document Properties Window
Click "Show Detail..."

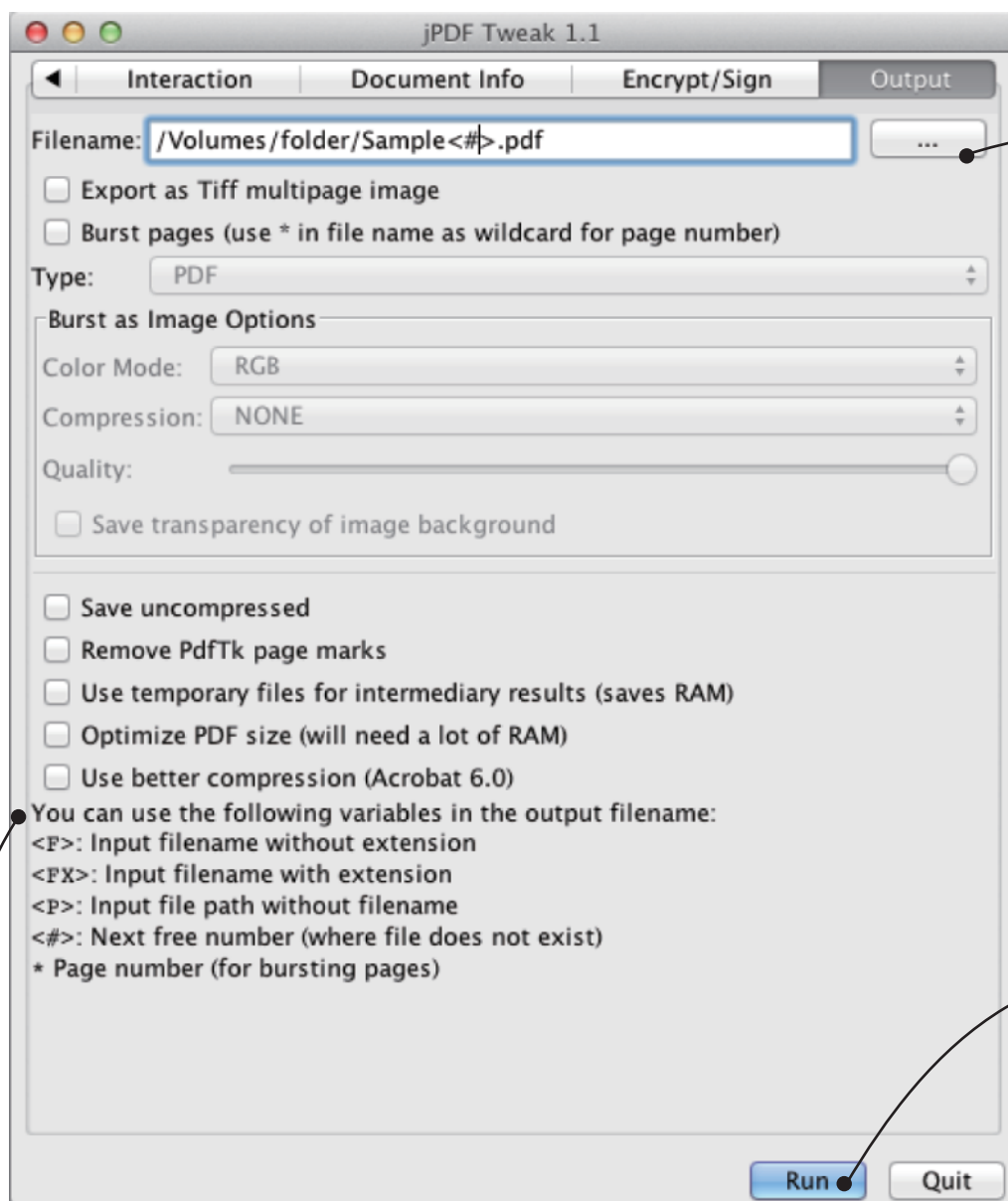
***Adobe Acrobat XI Pro で** "ファイル">"プロパティ..." ,"セキュリティ"タブ及び "詳細を表示"
PDF 文書制限を確認する方法 "文書のプロパティ" ウィンドウより、"文書に関する制限の概要"

***1** Low Resolution (150dpi) 低解像度印刷

***2** "HQPrint" and "Printing" were BOTH checked.
高解像印刷可にする場合、両方チェックする。

The Output Tab

The variables for output filename



Open File dialog for output path.

Start processing .

Filename variables.

Input file= /My/folder/sample.pdf

Filename <F> = sample
+extension <FX> = sample.pdf
File Path <P> = /My/folder/

<P>/<F>_saved.pdf

Run

/My/folder/sample_saved.pdf

Sample<#>.pdf

Run

Sample1.pdf

Run

Sample2.pdf

Run

Sample3.pdf

Run

tmple*.pdf (has 9 Pages)

✓ Checked Burst pages

Run

tmpleA.pdf

tmpleB.pdf

tmpleC.pdf

tmpleD.pdf

tmpleE.pdf

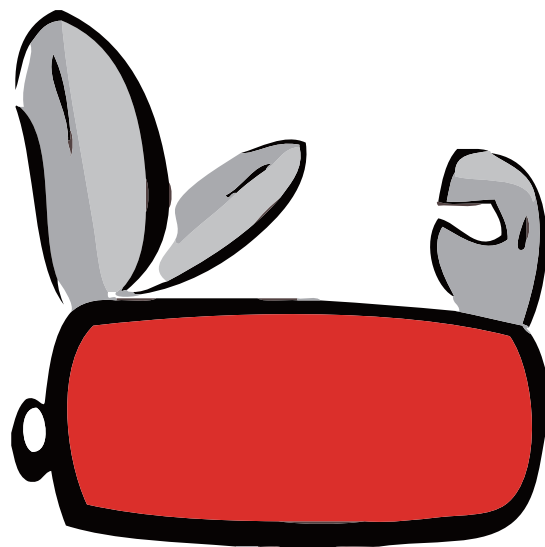
tmpleF.pdf

tmplePagesI.pdf

tmplePagesII.pdf

tmplePagesIII.pdf

tmplePagesIV.pdf



jPDF Tweak

The Graphical GuideBook