

Reference Documents

The following is another way of thinking in fixed layout descriptions.

B. Fixed Layouts

Files Required for Settings

■Colors in templates

Gray: Sections common to all works (in principle, do not change)

Blue: Sections that are common to all works, but change for each work

Red: Sections of the work that use that template, which require special attention (in principle, do not change)

Black: Non-standard parts (vary for each work, publisher)

■mimetype

[filename: mimetype]

[Notes]

- Same as reflowable

-----[sample code]-----

application/epub+zip

■container.xml in META-INF

[filename: container.xml]

[Notes]

- Same as reflowable

-----[sample code]-----

```
<?xml version="1.0"?>
```

```
<container
```

```
version="1.0"
```

```
xmlns="urn:oasis:names:tc:opendocument:xmlns:container"
```

```
>
```

```
<rootfiles>
```

```
<rootfile
```

```
full-path="item/standard.opf"
```

```
media-type="application/oebps-package+xml"
```

```
/>
```

```
</rootfiles>
```

```
</container>
```

■Navigation Documents

[filename: navigation-documents.xhtml]

[Notes]

- Same as reflowable
- When file names are sequential, adjust them at appropriate times (“Contents” in the example below is p-001.xhtml.)

-----[sample code]-----

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html>
<html
  xmlns="http://www.w3.org/1999/xhtml"
  xmlns:epub="http://www.idpf.org/2007/ops"
  xml:lang="ja"
>
<head>
<meta charset="UTF-8"/>
<title>Navigation</title>
</head>
<body>
<nav epub:type="toc" id="toc">
<h1>Navigation</h1>
<ol>
<li><a href="xhtml/p-cover.xhtml">Cover</a></li>
<li><a href="xhtml/p-001.xhtml">Contents</a></li>
<li><a href="xhtml/p-colophon.xhtml">Imprint</a></li>
</ol>
</nav>
</body>
</html>
```

■OPF Files

[filename: standard.opf]

[Notes]

- The following items differ from reflowable:

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A prefix line has been added to the `<package>` element.

Two `<meta>` elements have been added to the `<!-- Fixed-Layout Documents designation -->` part.

The only style sheet is `fixed-layout-jp.css`.

An image has been designated to act as a fallback in the `<item>`'s `xhtml` file, out of consideration for RSs that do not yet support SVG.

`properties="rendition:page-spread-center"` has been added to the cover page in `<itemref>`, in the `<spine>` element.

In the `<spine>` element's `<itemref>`, the left and right pages should be paired together except for the cover image.

*All else is the same as reflowable.

- When the `idref` values in the `<spine>` element's `<itemref>` overlap, errors may occur such as the screen going blank (Readium) or the page loops (Firefox's EPUBReader). If you want to show the same image multiple times, we recommend you prepare another `xhtml` file to call up the image just to be safe (for a second white image, `white2.xhtml`, etc.).

-----[sample code]-----

```
<?xml version="1.0" encoding="UTF-8"?>
<package
xmlns="http://www.idpf.org/2007/opf"
```

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```
version="3.0"
xml:lang="ja"
unique-identifier="unique-id"
prefix="rendition: http://www.idpf.org/vocab/rendition/#
ebpaj: http://www.ebpaj.jp/"
>
<metadata xmlns:dc="http://purl.org/dc/elements/1.1/">
<!-- work title -->
<dc:title id="title">work title 1</dc:title>
<meta refines="#title" property="file-as">Kana for aligning work titles 01</meta>
<!-- author name -->
<dc:creator id="creator01">author name 1</dc:creator>
<meta refines="#creator01" property="role" scheme="marc:relators">aut</meta>
<meta refines="#creator01" property="file-as">Kana for aligning author names 01</meta>
<meta refines="#creator01" property="display-seq">1</meta>
<dc:creator id="creator02">Kana for aligning author names 1</dc:creator>
<meta refines="#creator02" property="role" scheme="marc:relators">aut</meta>
<meta refines="#creator02" property="file-as">Kana for aligning author names 02</meta>
<meta refines="#creator02" property="display-seq">2</meta>
<!-- publisher name -->
<dc:publisher id="publisher">publisher name</dc:publisher>
<meta refines="#publisher" property="file-as">Kana for aligning publisher names</meta>
<!-- Language -->
<dc:language>ja</dc:language>
<!--file id -->
<dc:identifier id="unique-id">urn:uuid:860ddf31-55a4-449a-8cc9-3c1837657a15</dc:identifier>
<!--revision date -->
<meta property="dcterms:modified">2012-01-01T00:00:00Z</meta>
<!-- Fixed-Layout Documents designation -->
<meta property="rendition:layout">pre-paginated</meta>
<meta property="rendition:spread">landscape</meta>
<!-- etc. -->
<meta property="ebpaj:guide-version">1.1.1</meta>
</metadata>
```

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```
<manifest>
```

```
<!-- navigation -->
```

```
<item media-type="application/xhtml+xml" id="toc" href="navigation-documents.xhtml"  
properties="nav"/>
```

```

<!-- style -->

<item media-type="text/css" id="fixed-layout-jp" href="style/fixed-layout-jp.css"/>

<!-- image -->

<item media-type="image/jpeg" id="cover" href="image/cover.jpg" properties="cover-image"/>

<item media-type="image/jpeg" id="i-white" href="image/i-white.jpg"/>

<item media-type="image/jpeg" id="i-001" href="image/i-001.jpg"/>

<item media-type="image/jpeg" id="i-002" href="image/i-002.jpg"/>

<item media-type="image/jpeg" id="i-003" href="image/i-003.jpg"/>

<item media-type="image/jpeg" id="i-004" href="image/i-004.jpg"/>

<item media-type="image/jpeg" id="i-005" href="image/i-005.jpg"/>

<item media-type="image/jpeg" id="i-colophon" href="image/i-colophon.jpg"/>

<!-- xhtml -->

<item media-type="application/xhtml+xml" id="p-cover" href="xhtml/p-cover.xhtml"
properties="svg" fallback="cover"/>

<item media-type="application/xhtml+xml" id="p-white" href="xhtml/p-white.xhtml"
properties="svg" fallback="i-white"/>

<item media-type="application/xhtml+xml" id="p-001" href="xhtml/p-001.xhtml"
properties="svg" fallback="i-001"/>

<item media-type="application/xhtml+xml" id="p-002" href="xhtml/p-002.xhtml"
properties="svg" fallback="i-002"/>

<item media-type="application/xhtml+xml" id="p-003" href="xhtml/p-003.xhtml"
properties="svg" fallback="i-003"/>

<item media-type="application/xhtml+xml" id="p-004" href="xhtml/p-004.xhtml"
properties="svg" fallback="i-004"/>

<item media-type="application/xhtml+xml" id="p-005" href="xhtml/p-005.xhtml"
properties="svg" fallback="i-005"/>

<item media-type="application/xhtml+xml" id="p-colophon" href="xhtml/p-colophon.xhtml"
properties="svg" fallback="i-colophon"/>

<item media-type="application/xhtml+xml" id="p-white2" href="xhtml/p-white2.xhtml"
properties="svg" fallback="i-white"/>

</manifest>

<spine page-progression-direction="rtl">

<itemref linear="yes" idref="p-cover" properties="rendition:page-spread-center"/>

<itemref linear="yes" idref="p-white" properties="page-spread-right"/>

```

```

<itemref linear="yes" idref="p-001" properties="page-spread-left"/>
<itemref linear="yes" idref="p-002" properties="page-spread-right"/>
<itemref linear="yes" idref="p-003" properties="page-spread-left"/>
<itemref linear="yes" idref="p-004" properties="page-spread-right"/>
<itemref linear="yes" idref="p-005" properties="page-spread-left"/>
<itemref linear="yes" idref="p-colophon" properties="page-spread-right"/>
<itemref linear="yes" idref="p-white2" properties="page-spread-left"/>

</spine>

</package>

```

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When describing a standard size to an OPF file to quickly display a page-fit fixed-size image on all pages, we recommend describing it as follows.

[filename: standard.opf]

[Notes]

- We added a prefix declaration for fixed layouts to the package element.
- We added a standard size designation for the page image to the <metadata> element.
- We made the image measurements all the same size, and entered the number of vertical and horizontal pixels of the full-sized image in the area highlighted in blue below.

-----[sample code]-----

```

<?xml version="1.0" encoding="UTF-8"?>

<package
  xmlns="http://www.idpf.org/2007/opf"
  version="3.0"
  xml:lang="ja"
  unique-identifier="unique-id"
  prefix="rendition: http://www.idpf.org/vocab/rendition/#
  ebpaj: http://www.ebpaj.jp/
  fixed-layout-jp: http://www.digital-comic.jp/"
>

<metadata xmlns:dc="http://purl.org/dc/elements/1.1/">

(*Omitted)

<!-- Fixed-Layout Documents designation -->

<meta property="rendition:layout">pre-paginated</meta>

```

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```
<meta property="rendition:spread">landscape</meta>
<!--standard size -->
<meta property="fixed-layout-jp:viewport">width=848, height=1200</meta>
<!-- etc. -->
<meta property="ebpaj:guide-version">1.1</meta>
</metadata>
```

(Remainder omitted.)
