

# DPFJ EPUB 3 File Creation Guide - Revision History

ver.1.1.4

10/24/2025

[2025/10/24 ver.1.1.4]

## ◎ Overview

This update reflects the results of a re-evaluation of the guide's content following the release of EPUB 3.3 and the changeover from the Japan Electronic Book Publishers Association to the Digital Publishers Federation of Japan (DPFJ). In accordance with the changeover to the DPFJ and changes to EPUB 3.3, this guide, as well as its appendices and sample files, have been revised. Please note that support for the EPUB Accessibility specification is not included. Additionally, the update history has been separated from the main body of the document.

## Guidebook

### ■P. 3 / Change

Change the text of Purpose and add EPUB 3 reference information.

[Before Change]

This guide serves to help corporate members of the Electronic Book Publishers Association of Japan (EBPAJ) create EPUB 3 files for trade books in accordance with the specification of International Digital Publishing Forum (IDPF). There are several ways to create EPUB 3 files, leading to confusion among members of the EBPAJ. Moreover, some developers and manufacturers of reading systems (viewers) are having trouble understanding what publishers want. We created this guide to point EBPAJ members in the appropriate direction when creating EPUB 3 files in order to avoid these problems.

[After change]

This guide is for members of the Digital Publishers Federation of Japan (DPFJ), formerly known as the Electronic Book Publishers Association of Japan and the Digital Comic Association, which merged in 2021 and was renamed in 2022. It outlines the process for producing EPUB 3 trade books.

There are several methods for producing EPUB 3 files, which has led to hesitation among DPFJ member companies. Furthermore, developers of Reading Systems (often referred to as viewers or hereafter as RS) are often uncertain of the publishers' intentions. This guide was created to resolve these issues by providing a clear direction for EPUB 3 production as a unified reference for all DPFJ members. Unless otherwise specified, this guide defines EPUB 3 as EPUB 3.3, which was adopted as a W3C Recommendation (international standard) in 2023.

W3C EPUB 3.3

<https://www.w3.org/TR/epub-33/>

### ■P. 3 / Deletion

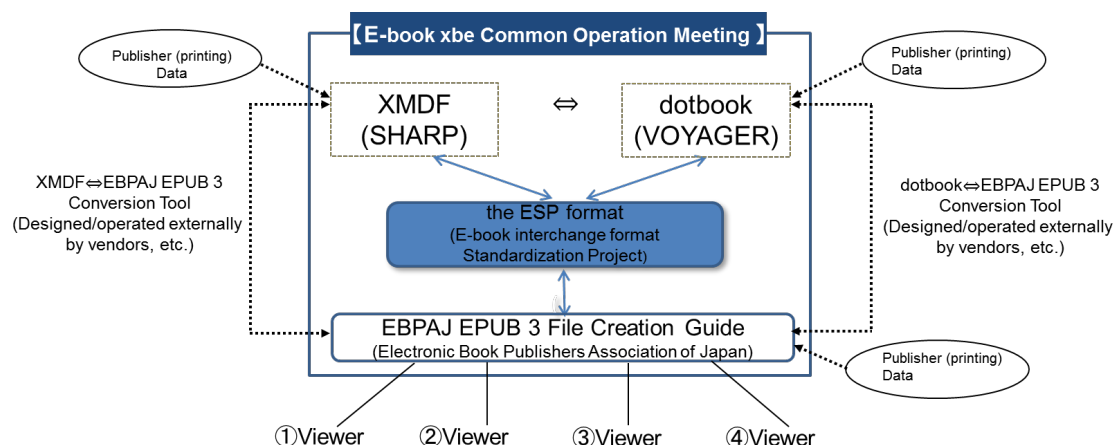
Delete the description of the xbe Common Operations Committee and the Electronic Book Exchange Format Standardization Conference from Purpose.

[Delete]

This guide is not only useful for creating new EPUB 3 files.

EBPAJ members have created tens of thousands of XMDF files and dotbooks to date. We established the xbe common administration meeting (see table below) in order to allow companies to use these contents. After undergoing discussion at an inter-ministry round-table conference, this guide was created at the xbe common administration meeting as part of the Ministry of Internal Affairs and Communications' fiscal 2010 "New ICT Utilization Service Creation Support Operation (Electronic Publishing Environment Maintenance)," with the idea of such content to be used for EPUB 3 files through the EPS format that the EBPAJ has been entrusted with and has developed specifications for.

[Table]



\* The e-book interchange format is a data interchange format for electronic books with the goal of making the long-term reuse of content possible without being constrained to a target device while including the functionality of e-book content that has been accumulated based on X MDF or dotbook up to the present. The ESP format is supposed to be authorized as an international standard specification in 2013.

#### ■P. 4 / Deletion

Delete the phrase "an associate of the IDPF" in the description of the Radium Foundation.

[Delete]

an associate of the IDPF.

#### ■P. 4 - 5 / Change

Change the file naming conventions for "Supplementary Materials" and the separate attached sheet

[Before change] .

Book-template.epub & fixedlayout-template.epub

ebpaj-sample.epub

CSS Function List.pdf

Reference Information.pdf

Items RSs are expected to have in the future.pdf

[After change]

book-template\_YYYY-MM-DD.epub & fixedlayout-template\_YYYY-MM-DD.epub

dpfj-sample\_YYYY-MM-DD.epub

CSS-Function-List\_YYYY-MM-DD.pdf

Reference-Information\_YYY-MM-DD.pdf

Items-RSs-are-expected-to-have-in-the-future\_YYY-MM-DD.pdf

#### ■P. 6 / Change

Add "dpfj: <https://www.dpfj.or.jp/>" to the prefix declarations.

\*Note: From this point on, similarly correct the prefix and version notations within the OPF file.

[Before change]

<meta property="ebpaj:guide-version">1.1.3</meta>

\*"ebpaj: <http://www.ebpaj.jp/>" is listed in the package's element prefix attribute to declare the prefix.

[After change]

<meta property="ebpaj:guide-version">1.1.4</meta>

<meta property="dpfj:guide-version">1.1.4</meta>

\* "ebpaj: <http://www.ebpaj.jp/>" and "dpfj: <https://www.dpfj.or.jp/>" are listed in the package's prefix attribute to declare the prefix.

#### ■P. 7 / Deletion

Delete the kana used for organizational purposes and the display order for authors designated in "file-as".

[Delete]

We assume the kana designated in "file-as" used for organizational purposes will not be shown to readers.

■P. 7 / Change

Simplify language regarding the priority of interpretation of a navigation document.

[Before change]

If a navigation document and a ncx file are bundled together, interpret the navigation document first, and ignore the ncx as appropriate.

[After change]

If a navigation document and a ncx file are bundled together, interpret the navigation document is given priority.

■P. 8 / Change

Update information on Unicode Vertical Text Layout.

[Before change]

"Unicode Technical Report #50 Unicode Vertical Text Layout (UTR#50) Revision 13"  
<http://www.unicode.org/reports/tr50/>

[After change]

"Unicode® Standard Annex #50 Unicode Vertical Text Layout"  
<https://www.unicode.org/reports/tr50/>

■P. 9 / Change

Update information on CSS Writing Modes Level 3.

[Before change]

We assume images and upright text would be displayed (centered) by "The central baseline" from "4.2 Text Baselines" of "CSS Writing Modes Level 3 W3C Candidate Recommendation, 20 March 2014".  
<http://www.w3.org/TR/2014/CR-css-writing-modes-3-20140320/#central-baseline>

[After change]

We assume images and upright text would be displayed (centered) by "The central baseline" from "4.2 Text Baselines" of "CSS Writing Modes Level 3 W3C Recommendation, 10 December 2019".  
<https://www.w3.org/TR/css-writing-modes-3/#central-baseline>

■P. 9 / Change

Add WebP format to the supported image types.

[Before change]

JPEG, PNG, and GIF images shall be usable.

[After change]

JPEG, PNG, GIF, and WebP images shall be usable.

\* Note: The WebP format is available for use starting with EPUB 3.3, and support from RS is expected. However, before using it, be sure to confirm that your distribution platform or RS supports it.

■P. 11 / Change

Change the EPUB 3 version specification.

[Before change]

As described in EPUB Content Documents 3.0.1, list numbers are not shown for list elements in navigation documents.

[After change]

As described in EPUB Content Documents, list numbers are not shown for list elements in navigation documents.

■P. 16 / Deletion

Delete HTML Elements and CSS Properties that Assume RS Support.

[Deleted]

The entire section " HTML Elements and CSS Properties that Assume RS Support" in this guide.

## ■P. 17 / Change

Update EPUBCheck information.

[Before change]

IDPF/epubcheck · GitHub

<https://github.com/IDPF/epubcheck/>

Beware of RSs that, like iTunes, alter the EPUB files they read by embedding their own files in them (such data causes errors when epubcheck is run again.). We recommend you take measures such as copying the data when supervising the process, and not delivering data that has been read by an RS.

[After change]

W3C/epubcheck · GitHub

<https://github.com/w3c/epubcheck>

## ■P. 22 / Deletion

Delete the sorting kana and display order for authors designated with "file-as".

[Text to be deleted]

and the display order for the authors

## ■P. 22 and 35 / Deletions

Delete the sorting kana and display order designate with "file-as".

[Delete]

<meta refines="#title" property="file-as">Kana for arranging the order of work titles 01</meta>

<meta refines="#creator01" property="file-as"> Kana for arranging the order of author names 01</meta>

<meta refines="#creator01" property="display-seq">1</meta>

<meta refines="#creator02" property="file-as"> Kana for arranging the order of author names 02</meta>

<meta refines="#creator02" property="display-seq">2</meta>

<meta refines="#publisher" property="file-as">Kana for arranging the order of publisher names</meta>

## ■P. 36 / Change

Add "Fixed-layout fallback and standard size" from Reference Information.

## Reference Information

## ■P. 3 - 7 / Change

Change "Designation of the rendering mode in OPF" section.

Change "EPUB 3.0.1" to "EPUB 3."

## Items RSs are expected to have in the future

## ■P. 1 / Change

Change "Designation of Text Direction when vertically oriented" section.

## ■P. 3 - 4 / Change

Consolidate and change "values and properties that would be preferable to prioritize in the future and support in the scope of EPUB 3.0.1" and "values and properties that would be preferable to prioritize in the future and support for introduction from CSS3 into EPUB specifications".

## Sample Files

dpfj-sample

item/standard.opf

[Change]

```
<package
  xmlns="http://www.idpf.org/2007/opf"
  version="3.0"
  xml:lang="ja"
  unique-identifier="unique-id"
  prefix="ebpaj: http://www.ebpaj.jp/
    dpfj: https://www.dpfj.or.jp/"
```

```
>
```

```
<dc:publisher id="publisher">publisher name</dc:publisher>
<dc:identifier id="unique-id">urn:uuid:cdc8207-4794-4240-9356-efd999ef61b6</dc:identifier>
<meta property="dcterms:modified">2025-06-01T00:00:00Z</meta>
<meta property="ebpaj:guide-version">1.1.4</meta>
<meta property="dpfj:guide-version">1.1.4</meta>
```

[Delete]

```
<meta refines="#creator01" property="file-as"> Kana for arranging author names 01</meta>
<meta refines="#creator01" property="display-seq">1</meta>
<meta refines="#publisher" property="file-as"> Kana for arranging publisher names </meta>
```

dpfj-sample  
item/style/style-standard.css

[Change]

Add a comma after the "exterior blank space (margin)" and "interior blank space (padding)" values.

book-template  
item/standard.opf

[Change]

```
<package
  xmlns="http://www.idpf.org/2007/opf"
  version="3.0"
  xml:lang="ja"
  unique-identifier="unique-id"
  prefix="ebpaj: http://www.ebpaj.jp/
    dpfj: https://www.dpfj.or.jp/"
```

```
>
```

```
<dc:identifier id="unique-id">urn:uuid:c1215609-6ed3-45be-b0a0-b337d44594597</dc:identifier>
<meta property="dcterms:modified">2025-06-01T00:00:00Z</meta>
<meta property="ebpaj:guide-version">1.1.4</meta>
<meta property="dpfj:guide-version">1.1.4</meta>
```

[Delete]

```
<meta refines="#title" property="file-as"> Kana for arranging the order of work titles 01</meta>
<meta refines="#creator01" property="file-as"> Kana for arranging the order of author names 01</meta>
<meta refines="#creator01" property="display-seq">1</meta>
<meta refines="#creator02" property="file-as"> Kana for arranging the order of author names 02</meta>
<meta refines="#creator02" property="display-seq">2</meta>
```

fixedlayout-template  
item/standard.opf

[Change]

```
<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/
    dpfj: https://www.dpfj.or.jp/"
```

&gt;

```

<dc:identifier id="unique-id">urn:uuid:78962f36-6855-4455-8c90-ac787e99cc2b</dc:identifier>
<meta property="dcterms:modified">2025-06-01T00:00:00Z</meta>
<meta property="ebpaj:guide-version">1.1.4</meta>
<meta property="dpfj:guide-version">1.1.4</meta>

```

[Delete]

```

<meta refines="#title" property="file-as"> Kana for aligning work titles</meta>
<meta refines="#creator01" property="file-as"> Kana for aligning author names 01</meta>
<meta refines="#creator01" property="display-seq">1</meta>
<meta refines="#creator02" property="file-as"> Kana for aligning author names 02</meta>
<meta refines="#creator02" property="display-seq">2</meta>
<meta refines="#publisher" property="file-as"> Kana for aligning publisher names</meta>

```

[2015/01/01 ver.1.1.3]

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## Guidebook

### ■P.1 / Addition

[Before change]2014/11/01

[After change]2014/11/01 (2015/01/01 update)

### ■P.15 / Deletion

"Assumed Reading System Actions"

→"■HTML elements and CSS properties this guide does not assume RSs will handle"

→"【HTML】"

→"Attaching meaning on the text level"

[After change]Delete next element for overlapping  
rp element

### ■P.42 / Deletion

"Format List"

→"■Emphasizing/Negating Text"

→"Emphatic Lines"

→"[CSS class]"

[After change]Deletion for no definition in sample CSS  
class="decoration-none" : Remove emphatic lines and negation lines

### ■P.42 / Deletion

"Format List"

→"■Emphasizing/Negating Text"

→"Negation Lines"

→"[CSS class]"

[After change]Deletion for no definition in sample CSS  
class="decoration-none" : Remove emphatic lines and negation lines

### ■P.44 / Addition (for omission)

"Format List"

→"■Images"

→"・Designating Image Sizes"

→"[CSS class]"

[After change]Added next sentence

※For more information for usable values such as auto, one, 0, etc., see the section entitled "■Handling Boxes"→  
"Size"later in this guide.

### ■P.48 / Addition (for omission)

"Format List"

→"■Lowering Text and Indenting"

→"Lowering text by designating the class"

→"[CSS class]"

[Before change]class="start-\*em"

[After change]class="start-\*em" ("start-0" will also be usable)

### ■P.49 / Addition (for omission)

"Format List"

→"■Lowering Text and Indenting"

→"Raising Text"  
 →"[CSS class]"

[Before change]class="end-\*em"  
 [After change]class="end-\*em" ("end-0" will also be usable)

■P.49 / Addition (for omission)  
 "Format List"  
 →"■Lowering Text and Indenting"  
 →"Indenting the start of a line"  
 →"[CSS class]"

[Before change]class="indent-\*em"  
 [After change]class="indent-\*em" ("indent-0" will also be usable)

■P.49 / Addition (for omission)  
 "Format List"  
 →"■Lowering Text and Indenting"  
 →"Protruding Indentations (Hanging Indentations) "  
 →"[CSS class]"

[Before change]class="h-indent-\*em"  
 [After change]class="h-indent-\*em" ("h-indent-0" will also be usable)

■P.50 / Addition (for omission)  
 "Format List"  
 →"■Line and Text Spacing"  
 →"Text Spacing"  
 →"[CSS class]"

[Before change]class="lspacing-\*em" : Designate the image's width by the number of characters  
 [After change]class="lspacing-\*em" : Designate the image's width by the number of characters ("lspacing-0" will also be usable)

■P.54 / Misprint revision • Deletion  
 "Format List"  
 →"■Handling Boxes"  
 →"Interior Blank Space (Padding) "  
 Deleted auto related description for no definition in Specifications of CSS2.1 or in sample CSS  
 Fix "margins" to "padding"

[Before change]  
 [Value Details]  
 p-auto / p-0 / p-\*\*\*per / p-\*em : Designate all margins (auto, zero, % designation, character count designation)

p-top-auto / p-top-0 / p-top-\*\*\*per / p-top-\*em : Designate margins at top of screen  
 p-bottom-auto / p-bottom-0 / p-bottom-\*\*\*per / p-bottom-\*em : Designate margins at bottom of screen  
 p-right-auto / p-right-0 / p-right-\*\*\*per / p-right-\*em : Designate margins on right side of screen  
 p-left-auto / p-left-0 / p-left-\*\*\*per / p-left-\*em : Designate margins on left side of screen

p-start-auto / p-start-0 / p-start-\*\*\*per / p-start-\*em : Designate line start margins  
 p-end-auto / p-end-0 / p-end-\*\*\*per / p-end-\*em : Designate line end margins  
 p-before-auto / p-before-0 / p-before-\*\*\*per / p-before-\*em : Designate line front margins  
 p-after-auto / p-after-0 / p-after-\*\*\*per / p-after-\*em : Designate line back margins

[After change]  
 [Value Details]  
 p-0 / p-\*\*\*per / p-\*em : Designate all padding (auto, zero, % designation, character count designation)



p-top-0 / p-top-\*\*\*per / p-top-\*em : Designate padding at top of screen  
 p-bottom-0 / p-bottom-\*\*\*per / p-bottom-\*em : Designate padding at bottom of screen  
 p-right-0 / p-right-\*\*\*per / p-right-\*em : Designate padding on right side of screen  
 p-left-0 / p-left-\*\*\*per / p-left-\*em : Designate padding on left side of screen

p-start-0 / p-start-\*\*\*per / p-start-\*em : Designate line start padding  
 p-end-0 / p-end-\*\*\*per / p-end-\*em : Designate line end padding  
 p-before-0 / p-before-\*\*\*per / p-before-\*em : Designate line front padding  
 p-after-0 / p-after-\*\*\*per / p-after-\*em : Designate line back padding

#### ■ P.56 / Deletion

"Format List"

→ "■ Ruled Lines"

→ "• Borders"

→ "[CSS class]"

[After change] Deletion for no definition in sample CSS

class="k-clear" : Clear ruled line

#### ■ P.56 / Deletion

"Format List"

→ "■ Ruled Lines"

→ "• Ruled Lines"

→ "[CSS class]"

[After change] Deletion for no definition in sample CSS

class="k-clear" : Clear ruled line

## ----- CSSFunction List.pdf

#### ■ Title / Addition

[Before change] CSS Function List (EBPAJ guide ver.1.1.3)

[After change] CSS Function List (EBPAJ guide ver.1.1.3 [2015/01/01 update])

#### ■ Text Decoration / Notation adjustment

→ "Text Size"

→ "css"

[Before change] \**[em|%]*;

[After change] [*\*em|\*%*];

#### ■ circled characters/characters marked with emphatic dots/ Misprint revision

→ "Double circle" (.em-double-circle)

→ "Ex"

[Before change] <p>TEXT<span class="em-double">Emphatic Dots</span>TEXT</p>

[After change] <p>TEXT<span class="em-double-circle">Emphatic Dots</span>TEXT</p>

#### ■ circled characters/characters marked with emphatic dots / Misprint revision

→ "Double circle (hollow)" (.em-double-circle-open)

→ "Ex"

[Before change] <p>TEXT<span class="em-double-open">Emphatic Dots</span>TEXT</p>

[After change] <p>TEXT<span class="em-double-circle-open">Emphatic Dots</span>TEXT</p>

#### ■ Lowering Text and Indenting / Addition (for omission)

→ "class or element"

Added the following [class] to the items below in the same division

[After change]

"Lowering Text and Indenting" : .start-0

"Raising Text" : .end-0

"Indenting the start of a line" : .indent-0

"Protruding Indentations" : .h-indent-0

■ Lowering Text and Indenting / Change (for omission)

→ "css"

Change "css" below

"Lowering Text and Indenting"

"Raising Text"

"Indenting the start of a line"

[Before change]\*em;

[After change][0]\*em];

■ Lowering Text and Indenting / Change (for omission)

→ "Protruding Indentations (Hanging Indentations) "

→ "css"

[Before change]

text-indent: -\*em;

【Horizontal Orientation】 padding-left: \*em;

【Vertical Orientation】 padding-top: \*em

[After change]

text-indent: [0]-\*em];

【Horizontal Orientation】 padding-left: [0]\*em];

【Vertical Orientation】 padding-top: [0]\*em];

■ Line and Text Spacing / Change (for omission)

→ "Line Height"

→ "css"

[Before change]\*;

[After change][normal]\*];

■ Line and Text Spacing / Addition (for omission)

→ "Text Spacing "

→ "css"

[After change]Add below

.lspacing-0

■ Line and Text Spacing / Change (for omission)

→ "Text Spacing "

→ "css"

[Before change]\*[em];

[After change][normal|0]\*em];

■ Exterior Blank Space (Margins) / Addition (for omission)

→ "class or element"

Added the following [class] to the items below in the same division

[After change]

"all padding" : .m-auto

"padding at top of screen" : .m-top-auto

"left side of screen" : .m-left-auto  
 "right side of screen" : .m-right-auto  
 "bottom of screen" : .m-bottom-auto  
 "line start padding" : .m-start-auto  
 "line end padding" : .m-end-auto  
 "line front padding" : .m-before-auto  
 "line back padding" : .m-after-auto

■ Exterior Blank Space (Margins) / Change (for omission)

→ "css"

Changed "css" of every item in the same division

[Before change]\*[em|%];  
 [After change][auto|0]\*em|\*%];

■ Interior Blank Space (Padding) / Change (for omission)

→ "css"

Changed "css" of every item in the same division

[Before change]\*[em|%];  
 [After change][0]\*em|\*%];

■ Interior Blank Space (Padding) / Misprint revision

→ "bottom of screen"

→ "class or element"

[Before change]  
 .p-bottop-0  
 .p-bottop-\*em  
 .p-bottop-\*\*\*per

[After change]  
 .p-bottom-0  
 .p-bottom-\*em  
 .p-bottom-\*\*\*per

■ Interior Blank Space (Padding) / Misprint revision

→ "bottom of screen"

→ "Ex"

[Before change]  
 <div class="p-bottop-030per">  
 <p>TEXT</p>  
 </div>

[After change]  
 <div class="p-bottom-030per">  
 <p>TEXT</p>  
 </div>

■ Size / Change (for omission)

→ "css"

Changed "css" of every item below in the same division

"height"  
 "width"  
 "line length direction size"  
 "line width direction size"

[Before change]\*[em|%];  
 [After change][auto]\*em|\*%];

### ■ Size/ Change (for omission)

→ "css"

Changed "css" of every item below in the same division

"maximum height"

"maximum width"

"line length direction size to maximum value"

"line width direction size to maximum value"

[Before change]\*[em|%];

[After change][none|\*em|\*%];

### ■ Size / Misprint revision

→ "Designate line length direction size"

→ "Ex"

[Before change]<p></p>

[After change]<p></p>

### ■ Ruled Lines / Change (for omission)

→ "Line Widths"

→ "css"

[Before change]\*[px];

[After change][0|\*px|thin|medium|thick];

### ■ Aligning Block Elements/ Change

→ "Ex"

Changed "Ex" of every item in the same division in the same way as the Guidebook

※ "\*\*\*\*" of the items below is replaced by the last string of each name of class (for example; "left")

※ "XXX" of the items below is replaced by the following strings;

【Horizontal Orientation】 items : width

【Vertical Orientation】 items : height

other items : measure

[Before change]

<!-- block only -->

<div class="block-align-\*\*\*\*">

<div class="XXX-4em">

<p>TEXT</p>

</div>

</div>

[After change]

<!-- block only -->

<div class="XXX-4em block-align-\*\*\*\*">

<p>TEXT</p>

</div>

### ■ Designating Colors / Misprint revision

→ "Text colors for 1C"

→ "Ex"

[Before change]<p><span class="silver">TEXT</span></p>

[After change]<p><span class="color-silver">TEXT</span></p>

### ■ Designating Colors / Misprint revision

→ "Basic Colors"

→ "Ex"

[Before change]<p><span class="red">TEXT</span></p>

[After change]<p><span class="color-red">TEXT</span></p>

## Update History

[2014/11/01 ver.1.1.3]

### ◎Outline

Considering the release of EPUB 3.0.1, we have examined the guide again, and the results are reflected as modifications on this renewal.

As particularly important updates, contains the following items.

- 【 1 】 Following the Changes made in EPUB 3.0.1
- 【 2 】 Specification reference changes accompanying Unicode Japanese text direction changes
- 【 3 】 Simplifying the designation method of link and annotation considering the correspondence environment of RSs and WEB browsers
- 【 4 】 Changing the insertion method of "vertically oriented pages centered horizontally" mentioned in the [Reference Information] (not recommended by this guide)
- 【 5 】 Addition of Supplementary Materials and Reference Information
- 【 6 】 Others (Corrections of description errors, modifications of descriptions and expressions based on the present condition, etc.)

We are updating the content without changing from the previous producing method, which means it can maintain compatibility with works made until now.

However, be aware that "text direction when not designated, in vertically oriented text" has changed, in 【 2 】. Fonts made from now on are expected to follow the decisions made by Unicode, the international standard, and we recommend corresponding to this modification in order to avoid trouble which happens from too many different specifications that would appear in the future.

Of "JIS X 0213:2004", the character set this guide assumes to be used, the text direction of the 21 characters below would change in this renewal.

Unicode letter	old	new	caution
U+309D	ゝ	Tu → U	
U+309E	ゞ	Tu → U	
U+2018	‘	T → R	
U+2019	’	T → R	
U+00B1	±	R → U	*
U+00D7	×	R → U	
U+00F7	÷	R → U	
U+221E	∞	R → U	
U+2234	∴	R → U	*
U+2235	∵	R → U	*
U+212B	Å	U → R	*
U+00B6	¶	U → R	*
U+2423	┐	U → R	
U+23CE	↶	U → R	
U+02E5	┘	U → R	
U+02E6	┙	U → R	
U+02E7	┚	U → R	
U+02E8	┛	U → R	
U+02E9	├	U → R	
U+FF0D	—	Tu → R	
U+FF1F	?	U → Tu	

Except for the five characters with the ✖ mark, because the text direction of the characters is not unified among the leading domestic RSs, there is a strong possibility that producers had already proceeded with text direction during production.

If the characters were used with no designation until now, characters that changed from R (sideways) to U (upright) display should be made into non-standard kanji images in order to maintain R display.

For characters which changed from U or Tu to R, adding upright designation which uses horizontal text in vertical orientations (.tcy or .upright-1) would make it certain.

Although it depends on the RS, in the present condition, characters which changes between Tu and U generally would not cause trouble without any procedures.

For the two characters which had changed from T to R, since the text direction is not unified between RSs, make them into non-standard Kanji images if necessary.

About annotation designating in 【 3 】 ; The former method is not wrong and still could be used.

The class (.key and .ref) for the former method of annotation is still left in standard.css file.

(Deleted from CSS-feature-list-en,xls)

However, in book-style.css which are assumed to have additional descriptions and different modifications depending on the work, the class for overwriting the annotation designating would be replaced by a new class for annotation designating, so add the previous designation to the file if necessary.

## ◎Main update

### 【 1 】 Following the Changes made in EPUB 3.0.1

To follow the specifications of EPUB 3.0.1, and to also give a supplementary explanation, we have changed the items below.

- Changed items which were referring EPUB 3.0 to refer EPUB 3.0.1

• Added "-epub-text-combine-horizontal: all;" and "text-combine-upright: all;" in the CSS of horizontal text in vertical lines

Also added "-epub-text-combine-horizontal" as "expressions includable in ruby characters"

- Changing the CSS of designating positions of emphatic lines to "-epub-text-underline-position"

- Added CSS3 selector to "HTML elements and CSS properties this guide does not assume RSs will handle"

• Since "-epub-text-orientation: rotate-right;" was discontinued, we have mentioned this designation would make the same movement with "-epub-text-orientation: sideways;" due to the necessity of maintaining the compatibility with the previous versions.

### 【 2 】 Specification reference changes accompanying Unicode Japanese text direction changes

• Following the decision of Unicode Consortium, we have modified "Text direction when vertically oriented" to reference "UTR#50 Revision 13".

Also we had deleted the item "Format List" → "■ Designating Special Text" → "• (C) Symbol".

### 【 3 】 Simplifying the designation method of link and annotation considering the correspondence environment of RSs and WEB browsers

• We have simplified the link and annotation designation which was complicated due to WebKit's bug countermeasures of browser confirmation. To prevent overlapping with the former style, the class name is also changed. The class for previous annotation code side is left in style-standard.css (it is removed from book-style.css).

Also, we have added [Reference Information] about using "epub:type" to annotation.

• Considering not only ordinary link designation, but also special link designation that has modified its style (color, underline, etc.), we have added a section to inscribe the special link designation, in the customization fields by work in book-style.css.

Three kinds of links are registrable at present; add more if necessary.

### 【 4 】 Changing the insertion method of "vertically oriented pages centered horizontally" mentioned in the [Reference Information] not recommended by this guide due to the indication that it would be dangerous to have different text orientation designated by <html> and <body>.

We have changed the insertion method of "vertically oriented pages centered horizontally" mentioned in the [Reference Information] not recommended by this guide.

### 【 5 】 Addition of Supplementary Materials and Reference Information

• Additional information about RS's actions expected when creating, requests for the foreseeable future, and items which are newly introduced to EPUB 3.0.1 and RSs do not support yet, are separated, and there are attached sheets for the latter two cases.

For further explanations, please see [Reference Information.pdf] and [Items RSs are expected to have in the future.pdf].

### 【 6 】 Others (Corrections of description errors, modifications of descriptions and expressions based on the present condition, etc.)

• Specified that Surrogate Pair area of Unicode are also included in "JIS X 0213:2004", the character set assumed RSs are able to use

• Mentioned that designating text spacing to text strings including non-standard kanji images horizontal text in vertical orientations is not recommended at the present moment.



- Deleted WebKit's bug countermeasures related class from style-check.css
- Modified designations of double lines when orientations are mingled in style-advance.css.
- We have deleted the -epub-text-align-last designation which was designating body of style-reset.css and .align-\*\*\* of style-standard.css.

Previously, since there were RSs which did not justify correctly when in horizontal writing mode, or RSs which justify to the last line, the EBPAJ guide was designating left to -epub-text-align-last, but nowadays RSs of such kinds are not to be seen, so we have made this change. In addition we have deleted "-webkit-text-align-last".

Yet, the text-align-last designation of CSS3 is a property which only changes the text-align of the last text line, but if the designated text had only one line and no wraparound happens, it will precede text-align.

In the previous version of the EBPAJ guide CSS, because style-reset.css is used to designate { -epub-text-align-last: left; } to the body, even when you make a newly original class and designate a text-align, if there was only one line and no wraparound happens, there is an apprehension the text would be aligned to the left regardless of text-align.

\*In the EBPAJ guide CSS { -epub-text-align: auto; } is designated to the .align-center and .align-right, so there is no problem when using these only.

According to the newest specification of the text-align-last, this property is a designation about the position of the last line when the text-align is justify, yet this specification is still at the Working Draft level, and it may be changed in the future. Also, within EPUB 3.0.1, -epub-text-align-last refers to the [CSS3Text-20110412] version, so this description is not included.

If you need to modify the previous data due to the problem of the text-align, change style-reset.css and style-standard.css with the newest versions. Unless you had rewritten the files and used them, overwriting would not effect other style designation. \*Emphatical lines, horizontal text in vertically oriented pages, and text direction designation would be switched to the newest version.

- Changed the reference point of IDPF/epubcheck.
- Following the changes of HTML5 and CSS3, we have changed the items below.
  - Deleted all descriptions about hgroup, removed from HTML5
  - In "HTML Elements and CSS Properties that Assume RS Support", moved the property, and also the places noted from "CSS Text Level 3" to "CSS Text Decoration Level 3"
  - Added ruby related elements newly added from HTML5 to "HTML elements and CSS properties this guide does not assume RSs will handle"
  - Since RSs are yet not adopting "@page", and EPUB 3.0.1 has adopted partial FL officially, expressions which were requested before are now replaced by alternative expressions, so we have made "@page" as "HTML elements and CSS properties this guide does not assume RSs will handle", and deleted other related descriptions.
  - The guide version became 1.1.3 from 1.1.2.

Also, we have changed the version of the CSS file, and the version notation and the revision date in the sample cord.

- Modification of the errors and several expressions

See the items below for the details of the renewal.

## ©Details of Changes

### Guidebook

#### ■P.3 / Change

「Outline」

[Before change]

while referring to the actions of Radium, provided by the IDPF

[After change]

while referring to the actions of Radium, provided by Radium Foundation, an associate of IDPF

#### ■P.4 / Addition

"About This Guide"

[After change]Added the item "■About attached sheets" to explain about [Reference Information.pdf] and [Items RSs are expected to have in the future.pdf]

#### ■P.5 / Change

Assumed Reading System Actions

[Before change]<meta property="ebpaj:guide-version">1.1.2</meta>

[After change]<meta property="ebpaj:guide-version">1.1.3</meta>

#### ■P.5 / Change

Assumed Reading System Actions

[Before change]Unless otherwise specified / distributed by IDPF

[After change]Unless otherwise specified / distributed by Radium Foundation

#### ■P.5 / Change

Assumed Reading System Actions

→ "■Document File Basics"

→ "Handling spaces, line breaks, comments, etc. in the source"

[Before change]maintaining the same level of rigidity and freedom as Radium.

[After change]maintain the same level of strictness and flexibility as modern browsers which supports Web Standards.

#### ■P.7 / Addition

Assumed Reading System Actions

→ ■Style Sheet Basics

→CSS Property's Preferential Interpretation of the "-epub-" Prefix

[After change]Added the following sentence at the end

Only properties that are mentioned in the EPUB 3.0.1 specification can use "-epub-" prefixes. Be aware that there is no meaning in just rewriting properties that can use "-webkit-" prefixes by "-epub-" prefixes in browsers, or anything else.

#### ■P.7 / Move

Assumed Reading System Actions

→ ■Style Sheet Basics

→"Ignore as appropriate for RSs that do not support media query designations."

[After change]Moved the part below to the attached sheet [Items RSs are expected to have in the future.pdf]

Devices such as smartphones and tablets standardly have the function to switch screens either horizontally long or vertically long, and the content that can be displayed in the screen alters largely by the height of the screen, so the following screen direction designation should be set before other settings of Media Queries.

horizontally long screens : @media all and (orientation: landscape) { }

vertically long screens : @media all and (orientation: portrait) { }

When using "orientation: landscape", as EPUB Fixed Layout considers horizontally long screens as "landscape", it is preferable to have the "landscape" designations applied, even when displaying two vertically long pages in the screen of sideways placed device.

#### ■ P.8 / Addition

Assumed Reading System Actions

→ "■Text"

→ 「Character Set」

[Before change]JIS X 0213:2004

[After change]JIS X 0213:2004 (Surrogate Pair area of Unicode are also included)

#### ■ P.8 / Change

Assumed Reading System Actions

→ "■Text"

→ "Text direction when vertically oriented"

[Before change]

In the future, the default text direction will conform to the Unicode Consortium's decision.

Since the Consortium has not currently reached a consensus, this guide assumes displays are based on the following document:

「CSS Writing Modes Module Level 3 W3C Working Draft 15 November 2012」

<http://www.w3.org/TR/2012/WD-css3-writing-modes-20121115/>

\*Refer to the following file, located in the link listed in issue 1 of "5.1.1. Mixed Vertical Orientations," under the heading, "this draft of version 6."

<http://www.unicode.org/reports/tr50/tr50-6.Orientation.txt>

The text direction in vertical orientations is designated as an item changed in the CSS properties below.

Text whose direction has been altered shall conform to the above document.

upright : -epub-text-orientation: upright;

Rotate 90° right (sideways): -epub-text-orientation: sideways;

(\*Also include the original "rotate-right" of the current specification in CSS.)

\*Presently, several RSs do not center half-width text set to the upright orientation in the same location. Due to this, this guide was forced to use -epub-text-combine instead in some areas.

As its name suggests, -epub-text-combine is a property that combines text. If possible, it should not be used to change text direction.

[After change]

We will assume the display to be based on the document below, presented by Unicode Consortium.

「Unicode Technical Report #50 Unicode Vertical Text Layout (UTR#50) Revision 13」

<http://www.unicode.org/reports/tr50/>

The text direction in vertical orientations is designated as an item changed in the below CSS properties.

Text whose direction has been altered shall conform to the above document.

upright : -epub-text-orientation: upright;

Rotate 90° right (sideways): -epub-text-orientation: sideways;

When the value "rotate-right", which was in the EPUB 3.0 specification, is used to designate rotation, or if also "sideways" is used, it should make the same move as sideways.

\*Presently, several RSs do not center half-width text set to the upright orientation in the same location. Due to this, this guide was forced to use -epub-text-combine instead in some areas. As its name suggests, -epub-text-combine is a property that combines text. If possible, it should not be used to change text direction.

Also, in the CSS upright designation, a character would be displayed by its vertical glyph if it has one regardless of the established directions such as "Tr" "Tu" "R" "U", so be aware of the characters whose shapes may be changed due to the text orientation.

#### ■ P.8 / Change

Assumed Reading System Actions

→ "■Text"

→ "Vertical-align in vertically oriented text"

[Before change]

In vertically oriented text, when "vertical-align" of text, images, or other elements, is designated to "baseline", it should show the same (centered) as when { vertical-align: central; } is designated in CSS3.

[After change]

We assume images and upright text would be displayed (centered) by "The central baseline" from "4.2 Text Baselines" of "CSS Writing Modes Level 3 W3C Candidate Recommendation, 20 March 2014".

<http://www.w3.org/TR/2014/CR-css-writing-modes-3-20140320/#central-baseline>

#### ■P.9 / Representation modification

Assumed Reading System Actions

→ "■Text"

→ 「Line Boundary Character Check」

[Before change]

this guide assumes line boundary character checks will depend on the RS, rather than be based on Radium

[After change]

this guide assumes line boundary character checks will depend on the RS

#### ■P.11 / Deletion

Assumed Reading System Actions

→ "■Page Media Margins"

→ "Body element margin designations"

[After change]Removed the following parts

It would be preferable if the margins RSs independently added were made controllable with @page, rather than with margin & padding. However, since there are still few cases in which margins can be controlled with @page, do not include an @page designation in the default setting.

\*We are particularly looking forward to controlling margins on the left and right side of screens with @page designations. That alone may allow expressions like a book being spread open in a horizontally placed screen without using fixed layouts, in RSs that display two screens when placed sideways.

#### ■P.11 / Addition

Assumed Reading System Actions

→ 「■Other HTML Elements」

→ 「Rubies」

[Before change]

- Horizontal text in a vertical line (-epub-text-combine) \*In order to use text direction designations as well

[After change]

- Horizontal text in a vertical line (-epub-text-combine and -epub-text-combine-horizontal)

\*In order to use text direction designations as well

#### ■P.11 / Change

Assumed Reading System Actions

→ 「■Other HTML Elements」

→ 「Nav & List Elements」

[Before change]As described in EPUB Content Documents 3.0,

[After change]As described in EPUB Content Documents 3.0.1,

#### ■P.12 / Change

Assumed Reading System Actions

→ "■ Other CSS Interpretations"  
 → "Emphatic Lines"

[Before change]

According to CSS 3 specs, in vertically oriented text, { text-decoration: overline; } is expected to appear to the left of text by default, and { text-decoration: underline; } to the right. However, since there are presently multiple RSs that place underlines on the left side, overline shall be used for right lines and underline for left lines until a consensus is reached, by designating { text-underline-position: under left; } in the body. (For the time being, the -webkit- prefix designation shall also be listed.)

[After change]

Considering the usage of "-epub-text-underline-position" from EPUB 3.0.1, designate {-epub-text-underline-position: under left; } in the body, and { text-decoration: underline; } to the right of the text and { text-decoration: overline; } to the left when vertical orientation.

Since the reflection of "-epub-text-underline-position" is not guaranteed at the present moment, do not designate { text-decoration: underline; -epub-text-underline-position: right; } to the line on the left side of the text. {-epub-text-underline-position: auto; } is not assumed to be used at the present moment.

#### ■ P.12 / Misprint revision and Addition

Assumed Reading System Actions

→ "■ Other CSS Interpretations"  
 → 「Horizontal text in vertically oriented pages」

[Before change]

{ text-combine: horizontal; } assumes up to 3 half-width digits of horizontal text in vertical lines.

[After change]

{ -epub-text-combine: horizontal; } and { -epub-text-combine-horizontal: all; } are assumed to designate up to 3 half-width digits to become horizontal text in vertical orientations.

#### ■ P.12 / Addition

Assumed Reading System Actions

→ "■ Other CSS Interpretations"  
 → 「Horizontal Text in Vertical Orientations」

[After change] Added the following sentence at the end

In the specification of EPUB 3.0.1, "-epub-text-combine-horizontal" is adopted due to the change of property name in [CSS3WritingModes-20121115], in [CSS3WritingModes] (20140320), the present Candidate Recommendation, but considering that the property name had been changed yet again and became "text-combine-upright", we assume "-epub-text-combine" should be used by designating horizontal text in vertical orientations for the time being. Moreover, when "-epub-text-combine-horizontal" is used, it should be understood as designation of horizontal text in vertical orientations. Also, when using these, we recommend to designate { text-combine-upright: all; } additionally, considering the convenience of browser confirming from now on.

#### ■ P.13 / Move

Assumed Reading System Actions

→ "■ Other"  
 → "Values and properties that would be preferable to prioritize in the future and support in the scope of EPUB 3.0"

[After change] Moved to the attached sheet [Items RSs are expected to have in the future.pdf] (contents changed)

#### ■ P.14 / Move

Assumed Reading System Actions

→ "■ HTML Elements and CSS Properties that Assume RS Support"  
 → 「[CSS]」  
 → 「@rule」

[After change]

Move "@page" to "[CSS]" → "@rule" of "HTML elements and CSS properties this guide does not assume RSs will handle" (p.15)

#### ■P.15 / Move / Add / Delete

Assumed Reading System Actions

→ "■HTML Elements and CSS Properties that Assume RS Support"

→ 「[CSS]」

[Before change]

CSS Text Level 3

-epub-line-break / -epub-word-break / -epub-text-align-last  
-epub-text-emphasis / -epub-text-emphasis-color / -epub-text-emphasis-style  
text-underline-position

CSS Writing Modes Module Level 3

-epub-writing-mode / -epub-text-orientation / -epub-text-combine

CSS Fonts Level 3

@font-face (font-family / font-style / font-weight / src / unicode-range)

[After change]

CSS Text Level 3

-epub-line-break / -epub-word-break / -epub-text-align-last

CSS Writing Modes Module Level 3

-epub-writing-mode / -epub-text-orientation / -epub-text-combine

-epub-text-combine-horizontal

CSS Fonts Level 3

@font-face (font-family / font-style / font-weight / src / unicode-range)

CSS Text Decoration Level 3

-epub-text-emphasis / -epub-text-emphasis-color / -epub-text-emphasis-style

-epub-text-underline-position

#### ■P.15 / Deletion

Assumed Reading System Actions

→"■HTML elements and CSS properties this guide does not assume RSs will handle"

→ 「[HTML]」

→"Sections"

[After change]Deleted "hgroup elements" (Due to deletion from HTML5)

#### ■P.15 / Addition

Assumed Reading System Actions

→"■HTML elements and CSS properties this guide does not assume RSs will handle"

→ 「[HTML]」

→"Attaching meaning on the text level"

[After change]Added the elements below (ruby related elements newly added from HTML5)

/ rb element / rtc element / rp element

#### ■P.15 / Addition

Assumed Reading System Actions

→"■HTML elements and CSS properties this guide does not assume RSs will handle"

→ "[CSS]"

→ 「 Selector」

[Before change]

Quasi elements ( :focus / :lang / :first-child / :first-line / :first-letter / :after / :before)

[After change]

E:focus / E:lang(c) / E:first-child / E:first-line / E::first-line

E:first-letter / E::first-letter / E:before / E::before / E:after / E::after

E[foo^="bar"] / E[foo\$="bar"] / E[foo\*="bar"] / E:root / E:nth-child(n)

E:nth-last-child(n) / E:nth-of-type(n) / E:nth-last-of-type(n)

E:last-child / E:first-of-type / E:last-of-type / E:only-child / E:only-of-type

E:empty / E:target / E:enabled / E:disabled / E:checked / E:not(s) / E ~ F

#### ■P.18 / Change

"Basic Creation Description Items"

→"Create data that does not cause errors in the latest epubcheck"

[Before change]

epubcheck - Validation tool for EPUB - Google Project Hosting

<http://code.google.com/p/epubcheck/>

[After change]

IDPF/epubcheck &middot; GitHub

<https://github.com/IDPF/epubcheck/>

#### ■P.19 / Representation modification

"Basic Creation Description Items"

→"■File Specifications"

→"Only insert epub:type in cover and navigation documents"

[Before change]

for the time being we will designate the following two items, which have a high chance of being used by future systems

[After change]

for the time being we will designate the following item, which have a high chance of being used by future systems

#### ■P.19 / Representation modification

"Basic Creation Description Items"

→ "■File Specifications"

→"Only insert epub:type in cover and navigation documents"

[Before change]

Be sure to designate epub:type="toc" in the navigation document's <nav>, otherwise an error will occur in epubcheck.

[After change]

Be sure there is a <nav> that designates epub:type="toc" in the navigation document, otherwise an error will occur in epubcheck.

#### ■P.23 / Change

"List of EPUB-composed File Templates"

→"A. Reflowable"

→"■OPF Files"

→「[sample code]」

[Before change]

<!-- Revision Date -->

<meta property="dcterms:modified">2012-01-01T00:00:00Z</meta>

[After change]

<!-- Revision Date -->

<meta property="dcterms:modified">2014-01-01T00:00:00Z</meta>

#### ■P.23 / Change

"List of EPUB-composed File Templates"

→"A. Reflowable"

→"■OPF Files"

→「[sample code]」

[Before change]

<!-- etc. -->

<meta property="ebpaj:guide-version">1.1.2</meta>

[After change]

<!-- etc. -->

```
<meta property="ebpaj:guide-version">1.1.3</meta>
```

#### ■ P.33 / Change

"List of EPUB-composed File Templates"

→ "A. Reflowable"

→ 「【Reference Information】」

→ "■ Vertically oriented pages centered horizontally"

[Before change]

- The top and bottom margins will be reduced to 0, so be sure to designate margins or padding in the `<div class="main">` part as necessary. (This method does not require the addition of margins and padding in the `<body>`. Be aware that things are not always displayed as expected even when designating things like margins in classes like `.p-text` designated in the `<body>`.)

- If you want to designate "vrtl block-align-center2 in `<div class="main">` rather than in the `<body>` on text pages, be sure to set the margins and padding to 0.

[After change]

- The top and bottom margins will be reduced to 0, so be sure to set `<div>` in addition within `<div class="main">` that designates margins or padding as necessary. (This method disapproves the addition of margins and padding in the `<body>` and `<div class="main">`. Be aware that the display would not always become as expected even when using classes designated in the `<body>`, such as `.p-text` designating margins and so on.)

#### ■ P.33 / Addition

"List of EPUB-composed File Templates"

→ "A. Reflowable"

→ 「【Reference Information】」

→ "■ Vertically oriented pages centered horizontally"

[After change] Added the following line

When designating vertical middle of screen in a horizontally oriented page, replace "hltr" and "vrtl" in the sample code below.

Designate width-100per to main, otherwise the text would be aligned to the right

※The base is vertically oriented, so the elements are placed from right to left.

#### ■ P.33 / Change

"List of EPUB-composed File Templates"

→ "A. Reflowable"

→ 「【Reference Information】」

→ "■ Vertically oriented pages centered horizontally"

→ 「[sample code]」

[Before change]

```
<body class="p-text vrtl block-align-center">
<div class="main">
```

```
<p>abcdefghijklmnopqrstuvwxyz</p>
```

```
</div>
</body>
```

[After change]

```
<body class="p-text">
<div class="main vrtl block-align-center">
```

```
<div class="start-2em">      // ←To lower the whole text on the page, put another <div> in the inside
<p>abcdefghijklmnopqrstuvwxyz</p>
</div>
```

```
</div>
</body>
```



## ■ P.34 / Change

"List of EPUB-composed File Templates"

→ "A. Reflowable"

→ 「【Reference Information】」

→ "■ Vertically oriented pages centered horizontally"

→ "\*The following example places images in the lower-left corner."

[Before change]

- When aligning content with the bottom of the page, be aware that the body height must be set to 100%, or their positions will be shifted when using WebKit products.
- In some RSs, designating the height of body may crash the display, so confirm beforehand well.

[After change]

- When aligning content with the bottom of the page, be aware that the height of `<div class="main">` directly under the body must be set to 100%, or their positions will be shifted when using WebKit products.

※When using horizontal orientation, the width should be set to 100%, not the height.

## ■ P.34 / Change

"List of EPUB-composed File Templates"

→ "A. Reflowable"

→ 「【Reference Information】」

→ "■ Vertically oriented pages centered horizontally"

→ "\*The following example places images in the lower-left corner."

→ 「[sample code]」

[Before change]

```
<body class="p-text vrtl block-align-center height-100per">
<div class="main align-end">
```

```
<p></p>
```

```
</div>
```

```
</body>
```

[After change]

```
<body class="p-text">
```

```
<div class="main vrtl block-align-left height-100per">
```

```
<div class="align-end">      // ←To align the whole text to the end, put another <div> in the inside
```

```
<p></p>
```

```
</div>
```

```
</div>
```

```
</body>
```

## ■ P.36 / Change

"List of EPUB-composed File Templates"

→ "B. Fixed Layouts"

→ "■ OPF Files"

→ 「[sample code]」

[Before change]

```
<!-- Revision Date -->
```

```
<meta property="dcterms:modified">2012-01-01T00:00:00Z</meta>
```

[After change]

```
<!-- Revision Date -->
```

```
<meta property="dcterms:modified">2014-01-01T00:00:00Z</meta>
```

## ■ P.36 / Change

"List of EPUB-composed File Templates"

→ "B. Fixed Layouts"

→ "■ OPF Files"

→ 「[sample code]」

[Before change]

<!-- etc. -->

<meta property="ebpaj:guide-version">1.1.2</meta>

[After change]

<!-- etc. -->

<meta property="ebpaj:guide-version">1.1.3</meta>

■ P.38～P.39 / Misprint revision

"List of EPUB-composed File Templates"

→ "B. Fixed Layouts"

→ 「XHTML Document Files」

→ 「[sample code]」

[After change]

• Changed the text color of the following two sizes ("848" and "1200") on each page to blue

-----  
<meta name="viewport" content="width=848, height=1200"/>

-----  
width="100%" height="100%" viewBox="0 0 848 1200">

■ P.41 / Deletion

"Format List"

→ "■ Designating Special Text"

→ "• (C) Symbol"

[After change] Deleted "• (C) Symbol"

■ P.50 / Addition

"Format List"

→ "■ Line and Text Spacing"

→ 「• Text Spacing」

[After change] Added the [Notes] below

[Notes]

Since spacing may not be displayed between text and image (modern browsers which supports Web Standards do not display it), it is recommended not using in parts which include images and non-standard kanji images.

When designating text spacing in sentences which includes horizontal text in vertical lines, spacing may effect letters which are combined horizontally. Since CSSs do not determine the behavior when text spacing is designated in sentences which includes horizontal text in vertical lines, it is recommended not using in situations such as this.

When designating zero text space at the horizontal text in vertical lines in order to avoid this to happen, be aware now that the spacing between the horizontal letters and the letters below may not function properly.

■ P.52 / Change

"Format List"

→ 「■ Links」

→ "[Notes]"

[Before change]

Ids are basically assigned to the jump destinations <div> and <p>, and the heading elements (<h1> - <h6>).

※Do not designate id for links to elements such as <a> and <span> that are not block level-type elements.

Rather than taking time to resolve issues when exchanging links, assign ids to things like <p> in corresponding words.

[After change]

Ids are basically assigned to the jump destinations.

### ■P.52 / Change

"Format List"

→ 「**■Links**」

→"・Links to destinations within pages"

[Before change]

【HTML elements】

<a href="#id">Link source</a> : Link designation side

<p id="id">Jump destination</p> : Jump destination side (or assign to <div>, <h1> - <h6>, etc.)

Ex: To [id="link-001"] location

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

<p><a href="#link-001">Link to content</a></p>

<p id="link-001">Body of content</p>

[After change]

【HTML elements】

<a href="#id">Link source</a> : Link designation side

<span id="id">Jump destination</span> : Jump destination side (or assign to <div>, <p>, <a>, <h1> - <h6>, etc.)

Ex: To [id="link-001"] location

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

<p><a href="#link-001">Link to content</a></p>

<p id="link-001">Body of content</p> //Jump to the beginning of the paragraph

<p>Body of content<span id="link-001">link destination</span>Body of content</p> //Jump to a part of the paragraph

### ■P.53 / Change

"Format List"

→ 「**■Links**」

→"・Links to any place in a file"

[Before change]

【HTML elements】

<a href="Jump destination file name#id">Link source</a> : Link designation side

<p id="id">Jump destination</p> : Jump destination side

[After change]

【HTML elements】

<a href="Jump destination file name#id">Link source</a> : Link designation side

<span id="id">Jump destination</span> : Jump destination side

(Or designate to <div>, <p>, <a>, <h1>~<h6>, etc. )

### ■P.53 / Addition

"Format List"

→ 「**■Links**」

[After change]Addition of "・Mutual link"

・Mutual link

【HTML elements】

<p><a id="link-001" href="File name#link-002">Link1</a></p> : Link1  
(jump to link 2)

<p><a id="link-002" href="File name#link-001">Link2</a></p> : Link2  
(jump to link 1)

## ■ P.53 / Deletion

"Format List"

→ "■ annotation"

→ "[Notes]"

[After change] Removed the following parts

\*Designate the following key and ref to in-line blocks in the CSS for checking, in order to check environments such as WebKit-related Web browsers in which in-page links to in-line elements in vertically oriented pages do not work.

## ■ P.53 / Change

"Format List"

→ "■ annotation"

[Before change]

## 【CSS class】

class="cyu" : Text color is blue, default is text with emphatic lines

class="ref" : inline-block element, text size default is "smaller"

class="ref" : inline-block element, text size default is "smaller"

\*"ref" stands for "reference"

## 【HTML elements】

```
<a class="cyu" href="File name#ref-001">Item<span class="key" id="key-001"> * </span></a>
```

: Annotation sign side

```
<p id="ref-001"><a class="cyu" href="File name#key-001">Item</a> □ Text</p>
```

: annotation recipient

```
<a class="cyu" href="File name#ref-001">Item1<span class="key" id="key-001"> * </span></a>
```

```
<a class="cyu" href="File name#key-001">Item2<span class="ref" id="ref-001"> * </span></a>
```

: Annotation mutual link (Use when absolutely necessary, such as when text designated with <p> continues for several lines.)

Ex)

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

```
<a class="cyu" href="cyushaku.xhtml#ref-001">The Spider's Thread<span class="key" id="key-001"> * </span></a>
```

```
<p id="ref-001"><a class="cyu" href="p-001.xhtml#key-001"> * The Spider' s Thread</a> From Dostoyevsky' s  
The Brothers Karamazov, Book 7 Chapter 3: A Single Scallion</p>
```

[After change]

## 【CSS class】

class="noteref" : Text color is blue, default is text with emphatic lines

class="note" : Text color is blue, default is text with emphatic lines

class="footnote" : no particular designation

class="super" : superscript (refer to the item "superscript, subscript")

\*Used as an annotation sign here

## 【HTML elements】

```
<p><a class="noteref" id="noteref-001" href="File name#note-001">Item<span class="super"> *  
</span></a></p>
```

: Annotation code side (Any code, including class, can be designated in the annotation code)

```
<p><a class="note" id="note-001" href="File name#noteref-001"> * Item</a> □ Text</p>
```

: Annotation side

```
<div class="footnote" id="note-001">
```

```
<p><a class="note" href="File name#noteref-001"> * Item</a> □ Text</p>
```

```
<p> □ Text</p>
```

</div>

: Example of designating the annotation side with <div>

Ex)

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

```
<a class="noteref" id="noteref-001" href="p-002.xhtml#note-001">The Spider' s Thread<span class="super"> *
</span></a></p>
```

```
<p><a class="note" id="note-001" href="p-001.xhtml#noteref-001">*The Spider's Thread</a> From Dostoyevsky's
"The Brothers Karamazov, Book 7 Chapter 3: A Single Scallion"</p>
```

-----

#### 【Reference Information】

By inserting "epub:type" which stand for annotation, RSs would be able to use that information.

The way RS would use the information is not specified by EPUB, nor can be designated, so confirm the action of the RS in advance, and consult with the publisher when using.

## ----- Reference Information.pdf

### ■ P.4 / Change

"Fallback and standard size of fixed layouts"

→ "■ OPF Files"

→ 「[sample code]」

[Before change]

<!-- Revision Date -->

<meta property="dcterms:modified">2012-01-01T00:00:00Z</meta>

[After change]

<!-- Revision Date -->

<meta property="dcterms:modified">2014-01-01T00:00:00Z</meta>

### ■ P.4 / Change

"Fallback and standard size of fixed layouts"

→ "■ OPF Files"

→ 「[sample code]」

[Before change]

<!-- etc. -->

<meta property="ebpaj:guide-version">1.1.1</meta>

[After change]

<!-- etc. -->

<meta property="ebpaj:guide-version">1.1.3</meta>

### ■ P.5 / Change

"Fallback and standard size of fixed layouts"

→ "■ OPF Files"

→ 「[sample code]」

[Before change]

<!-- etc. -->

<meta property="ebpaj:guide-version">1.1</meta>

[After change]

<!-- etc. -->

<meta property="ebpaj:guide-version">1.1.3</meta>

※Others, added from P.7

## CSS Function List.pdf

### ■ Title / Change

[Before change]CSS Function List (ver.1.1.1)

[After change]CSS Function List (ver.1.1.3)

### ■ Horizontal text in vertically oriented pages / Change

→ 「.tcy」

→ 「css」

[Before change]

-webkit-text-orientation: horizontal;

-epub-text-orientation: horizontal;

[After change]

-webkit-text-orientation: horizontal;

-webkit-text-orientation: upright; all;

text-orientation: upright; all;

-epub-text-orientation: horizontal;

### ■ Text direction in vertical orientation / Change

→ "Rotate 90° right (sideways)"

→ 「.sideways」

→ 「css」

[Before change]

-webkit-text-orientation: sideways;

-epub-text-orientation: rotate-right;

-epub-text-orientation: sideways;

[After change]

-webkit-text-orientation: sideways;

-epub-text-orientation: sideways;

### ■ Text direction in vertical orientation / Change

→ "upright half-width text (use horizontal text in vertically oriented pages)"

→ 「.upright-1」

→ 「css」

[Before change]

-webkit-text-orientation: horizontal;

-epub-text-orientation: horizontal;

[After change]

-webkit-text-orientation: horizontal;

-webkit-text-orientation: upright; all;

text-orientation: upright; all;

-epub-text-orientation: horizontal;

### ■ "Aligning Lines" / Change

→ 「Line Head Alignment」 (.align-left / .align-start)

[Before change]

text-align: left;

-webkit-text-align-last: left;

-epub-text-align-last: left;

[After change]

text-align: left;

■ "Aligning Lines" / Change  
→ 「Center Alignment」 (.align-center)

[Before change]  
text-align: center;  
-webkit-text-align-last: auto;  
-epub-text-align-last: auto;

[After change]  
text-align: center;

■ "Aligning Lines" / Change  
→ "Align content at end" (.align-right / .align-end)

[Before change]  
text-align: right;  
-webkit-text-align-last: auto;  
-epub-text-align-last: auto;

[After change]  
text-align: right;

■ "Aligning Lines" / Change  
→ "Align text at both ends" (.align-justify)

[Before change]  
text-align: justify;  
-webkit-text-align-last: left;  
-epub-text-align-last: left;

[After change]  
text-align: justify;

■ "Annotation link" / Deletion  
→ 「Annotation」

[After change] Deleted "Annotation" "Underlines / colors"

■ "Designating Colors" / Addition

[After change] Added 3 items below (CSS sections are all "※non-designated")

"Underlined links / colors (special links)"

a.link-\*\*  
a.link-\*\*:link  
a.link-\*\*:visited  
a.link-\*\*:hover  
a.link-\*\*:focus  
a.link-\*\*:active

"Underlined links / colors (annotation code side)"

a.noteref  
a.noteref:link  
a.noteref:visited  
a.noteref:hover  
a.noteref:focus  
a.noteref:active

"Underlined links / colors (annotation side)"

a.note  
a.note:link



a.note:visited  
a.note:hover  
a.note:focus  
a.note:active

---

## Sample File CSS

■ 「style-reset.css」 / Change  
→ "■File Information"

[Before change]  
【CSS file version】  
ver.1.2.0

【The version of EBPAJ EPUB 3 production guide when this file was updated】  
ver.1.1.2

[After change]  
【CSS file version】  
ver.1.2.1

【The version of EBPAJ EPUB 3 production guide when this file was updated】  
ver.1.1.3

■ 「style-reset.css」 / Deletion  
→ 「body」

[After change]Removed the following two lines:  
-webkit-text-align-last: left;  
-epub-text-align-last: left;

■ 「style-reset.css」 / Addition  
→ 「【Update History】」

[After change]Added the following Update History  
2014/11/01 ver.1.2.1  
・ Deleted "-epub(webkit)-text-align-last"  
・ Changed "text-underline-position" to "-epub-text-underline-position"

■ 「style-reset.css」 / Change  
→ 「body」

[Before change]  
text-underline-position: under left;

[After change]  
-epub-text-underline-position: under left;

■ 「style-standard.css」 / Change  
→ "■File Information"

[Before change]  
【CSS file version】  
ver.1.3.0

【The version of EBPAJ EPUB 3 production guide when this file was updated】  
ver.1.1.1

[After change]  
【CSS file version】  
ver.1.3.1

【The version of EBPAJ EPUB 3 production guide when this file was updated】  
ver.1.1.3

■ 「style-standard.css」 / Addition

→ 「【Update History】」

[After change] Added the following Update History

2014/11/01 ver.1.3.1

- Deleted "-epub(webkit)-text-align-last" from "Aligning Lines"
- Modified "Horizontal text in vertically oriented pages"
- Modified ".upright-1" of "text direction"
- Modified ".sideways" of "text direction"

■ 「style-standard.css」 / Change

→ "Aligning Lines"

[Before change]

```
/* Line Head Alignment */
.align-left,
.align-start {
  text-align: left;
  -webkit-text-align-last: left;
  -epub-text-align-last: left;
}
/* Center Alignment */
.align-center {
  text-align: center;
  -webkit-text-align-last: auto;
  -epub-text-align-last: auto;
}
/* Align text at end */
.align-right,
.align-end {
  text-align: right;
  -webkit-text-align-last: auto;
  -epub-text-align-last: auto;
}
/* Justify text (End of text is aligned at start) */
.align-justify {
  text-align: justify;
  -webkit-text-align-last: left;
  -epub-text-align-last: left;
}
```

[After change]

```
/* Line Head Alignment */
.align-left,
.align-start {
  text-align: left;
}
/* Center Alignment */
.align-center {
  text-align: center;
}
/* Align text at end */
.align-right,
.align-end {
  text-align: right;
}
/* Justify text (End of text is aligned at start) */
.align-justify {
  text-align: justify;
}
```

■ 「style-standard.css」 / Change  
→ 「.tcy」

[Before change]

```
.tcy {
-webkit-text-orientation: horizontal;
-epub-text-orientation: horizontal;
}
```

[After change]

```
.tcy {
-webkit-text-orientation: horizontal;
-webkit-text-orientation-upright: all;
text-orientation-upright: all;
-epub-text-orientation: horizontal;
}
```

■ 「style-standard.css」 / Change  
→ 「.upright-1」

[Before change]

```
.upright-1 {
-webkit-text-orientation: horizontal;
-epub-text-orientation: horizontal;
}
```

[After change]

```
.upright-1 {
-webkit-text-orientation: horizontal;
-webkit-text-orientation-upright: all;
text-orientation-upright: all;
-epub-text-orientation: horizontal;
}
```

■ 「style-standard.css」 / Change  
→ 「.sideways」

[Before change]

```
.sideways {
-webkit-text-orientation: sideways;
-epub-text-orientation: rotate-right;
-epub-text-orientation: sideways;
}
```

[After change]

```
.sideways {
-webkit-text-orientation: sideways;
-epub-text-orientation: sideways;
}
```

■ 「style-advance.css」 / Change  
→ "■File Information"

[Before change]

【CSS file version】  
ver.1.3.0

【The version of EBPAJ EPUB 3 production guide when this file was updated】

ver.1.1.1

[After change]

【CSS file version】  
ver.1.3.1

【The version of EBPAJ EPUB 3 production guide when this file was updated】  
ver.1.1.3

■ 「style-advance.css」 / Addition  
→ 「【Update History】」

[After change]Added the following Update History  
2014/11/01 ver.1.3.1

・ Modified "line position 【Double line】 "

■ 「style-advance.css」 / Change  
→ "Line position 【Double line】 "

[Before change]

```
/* Line position 【Double line】 */
/* For horizontal orientation */
.hltr.k-double-start, .vrtl.hltr.k-double-start { border-style: none none none double; }
.hltr.k-double-before, .vrtl.hltr.k-double-before { border-style: double none none none; }
.hltr.k-double-end, .vrtl.hltr.k-double-end { border-style: none double none none; }
.hltr.k-double-after, .vrtl.hltr.k-double-after { border-style: none none double none; }
.hltr.k-double-startend, .vrtl.hltr.k-double-startend { border-style: none double none double; }
.hltr.k-double-beforeafter, .vrtl.hltr.k-double-beforeafter { border-style: double none double none; }
/* For vertical orientation */
.vrtl.k-double-start, .vrtl.hltr.k-double-start { border-style: double none none none; }
.vrtl.k-double-before, .vrtl.hltr.k-double-before { border-style: none double none none; }
.vrtl.k-double-end, .vrtl.hltr.k-double-end { border-style: none none double none; }
.vrtl.k-double-after, .vrtl.hltr.k-double-after { border-style: none none none double; }
.vrtl.k-double-startend, .vrtl.hltr.k-double-startend { border-style: double none double none; }
.vrtl.k-double-beforeafter, .vrtl.hltr.k-double-beforeafter { border-style: none double none double; }
```

[After change]

```
/* Line position 【Double line】 */
/* For horizontal orientation */
.hltr.k-double-start, .vrtl.hltr.k-double-start { border-style: none none none double; }
.hltr.k-double-before, .vrtl.hltr.k-double-before { border-style: double none none none; }
.hltr.k-double-end, .vrtl.hltr.k-double-end { border-style: none double none none; }
.hltr.k-double-after, .vrtl.hltr.k-double-after { border-style: none none double none; }
.hltr.k-double-startend, .vrtl.hltr.k-double-startend { border-style: none double none double; }
.hltr.k-double-beforeafter, .vrtl.hltr.k-double-beforeafter { border-style: double none double none; }
/* For vertical orientation */
.vrtl.k-double-start, .hltr.vrtl.k-double-start { border-style: double none none none; }
.vrtl.k-double-before, .hltr.vrtl.k-double-before { border-style: none double none none; }
.vrtl.k-double-end, .hltr.vrtl.k-double-end { border-style: none none double none; }
.vrtl.k-double-after, .hltr.vrtl.k-double-after { border-style: none none none double; }
.vrtl.k-double-startend, .hltr.vrtl.k-double-startend { border-style: double none double none; }
.vrtl.k-double-beforeafter, .hltr.vrtl.k-double-beforeafter { border-style: none double none double; }
```

■ 「style-check.css」 / Change  
→ "■File Information"

[Before change]  
【CSS file version】  
ver.1.1.0

【The version of EBPAJ EPUB 3 production guide when this file was updated】  
ver.1.1.1

[After change]  
【CSS file version】

ver.1.1.1

【The version of EBPAJ EPUB 3 production guide when this file was updated】

ver.1.1.3

■ 「style-check.css」 / Addition

→ 「【Update History】」

[After change]Added the following Update History

2014/11/01 ver.1.1.1

- Deleted "Provision for particular RSs" designation

■ 「style-check.css」 / Deletion

→"Provision for particular RSs"

[After change]※Deleted every "Provision for particular RSs" designation

■ 「book-style.css」 / Change

→ "■File Information"

[Before change]

【CSS file version】

ver.1.1.0

【The version of EBPAJ EPUB 3 production guide when this file was updated】

ver.1.1.1

[After change]

【CSS file version】

ver.1.1.1

【The version of EBPAJ EPUB 3 production guide when this file was updated】

ver.1.1.3

■ 「book-style.css」 / Addition

→ 「【Update History】」

[After change]Added the following Update History

2014/11/01 ver.1.1.1

- Added "special link designation"
- Changed "Underline and color of annotation link"

■ 「book-style.css」 / Addition

→ 「Link designation」

[After change]\*Add the following items from link-01 to link-03

/\* special link designation

----- \*/

/\* Basic setting (Top: Horizontally oriented; Bottom: Vertically oriented) \*/

/\* .link-01

----- \*/

.hltr a.link-01 {

}

.vrtl a.link-01 {

}

/\* link \*/

a.link-01:link {

}

/\* visited link \*/

a.link-01:visited {

```

}
/* hover */
a.link-01:hover {
}
/* focused */
a.link-01:focus {
}
/* active link */
a.link-01:active {
}

```

#### ■ 「book-style.css」 / Change

→"Underline and color of annotation link"

[Before change]

```

/* Underline and color of annotation link
----- */
/* Basic setting (Top: Horizontally oriented; Bottom: Vertically oriented) */
.hltr a.cyu {
}
.vrtl a.cyu {
}
/* link */
a.cyu:link {
}
/* visited link */
a.cyu:visited {
}
/* hover */
a.cyu:hover {
}
/* focused */
a.cyu:focus {
}
/* active link */
a.cyu:active {
}

```

[After change]

```

/* Underline and color of annotation link (annotation code side)
----- */
/* Basic setting (Top: Horizontally oriented; Bottom: Vertically oriented) */
.hltr a.noteref {
}
.vrtl a.noteref {
}
/* link */
a.noteref:link {
}
/* visited link */
a.noteref:visited {
}
/* hover */
a.noteref:hover {
}
/* focused */
a.noteref:focus {
}
/* active link */
a.noteref:active {
}

```

/\* Underline and color of annotation link (annotation side)

```

----- */
/* Basic setting (Top: Horizontally oriented; Bottom: Vertically oriented) */
.hltr a.note {
}
.vrtl a.note {
}
/* link */
a.note:link {
}
/* visited link */
a.note:visited {
}
/* hover */
a.note:hover {
}
/* focused */
a.note:focus {
}
/* active link */
a.note:active {
}

```

## Sample File XHTML

■ 「book-template.epub」 / Change  
→ 「standard.opf」

[Before change]

```

<!-- Revision Date -->
<meta property="dcterms:modified">2012-01-01T00:00:00Z</meta>

```

```

<!-- etc. -->

```

```

<meta property="ebpaj:guide-version">1.1.1</meta>

```

[After change]

```

<!-- Revision Date -->
<meta property="dcterms:modified">2014-11-01T00:00:00Z</meta>

```

```

<!-- etc. -->

```

```

<meta property="ebpaj:guide-version">1.1.3</meta>

```

■ 「book-template.epub」 / Addition  
→ 「navigation-documents.xhtml」

[After change]

Insert blank lines before and after <nav></nav>

■ 「ebpaj-sample.epub」 / Change  
→ 「standard.opf」

[Before change]

```

<!-- Revision Date -->
<meta property="dcterms:modified">2012-01-01T00:00:00Z</meta>

```

```

<!-- etc. -->

```

```

<meta property="ebpaj:guide-version">1.1.1</meta>

```

[After change]



```
<!-- Revision Date -->
<meta property="dcterms:modified">2014-11-01T00:00:00Z</meta>
```

```
<!-- etc. -->
<meta property="ebpaj:guide-version">1.1.3</meta>
```

■ 「ebpaj-sample.epub」 / Addition  
→ 「navigation-documents.xhtml」

[After change] Insert blank lines before and after <nav></nav>

■ 「ebpaj-sample.epub」 / Change  
→ 「p-002.xhtml」

[Before change]  

```
<a class="cyu" href="p-cyushaku.xhtml#ref-001"><span class="lspacing-0em50"><ruby>蜘蛛<rt>く</rt>蛛<rt>も</rt></ruby>の<ruby>糸<rt>いと</rt></ruby></span><span class="key" id="key-001">* 註<span class="tcy">#01</span></span></a>
```

[After change]  

```
<a class="noteref" id="noteref-001" href="p-cyushaku.xhtml#note-001"><span class="lspacing-0em50"><ruby>蜘蛛<rt>く</rt>蛛<rt>も</rt></ruby>の<ruby>糸<rt>いと</rt></ruby></span><span class="super">* 註<span class="tcy">#01</span></span></a>
```

■ 「ebpaj-sample.epub」 / Change  
→ 「p-002.xhtml」

[Before change]  

```
<a class="cyu" href="#ref-002"><span id="key-002">* 註<span class="tcy">#02</span></span></a>
```

[After change]  

```
<a class="noteref" id="noteref-002" href="#note-002">* 註<span class="tcy">#02</span></a>
```

■ 「ebpaj-sample.epub」 / Change  
→ 「p-002.xhtml」

[Before change]  

```
<a class="cyu" href="p-cyushaku.xhtml#ref-003">朝<span class="key" id="key-003">* 註<span class="tcy">#03</span></span></a>
```

[After change]  

```
<a class="noteref" id="noteref-003" href="p-cyushaku.xhtml#note-003">朝<span class="super">* 註<span class="tcy">#03</span></span></a>
```

■ 「ebpaj-sample.epub」 / Change  
→ 「p-002.xhtml」

[Before change]  

```
<a class="cyu" href="p-cyushaku.xhtml#ref-004">やがて<span class="key" id="key-004">* 註<span class="tcy">#04</span></span></a>
```

[After change]  

```
<a class="noteref" id="noteref-004" href="p-cyushaku.xhtml#note-004">やがて<span class="super">* 註<span class="tcy">#04</span></span></a>
```

■ 「ebpaj-sample.epub」 / Change  
→ 「p-002.xhtml」

[Before change]  

```
<a class="cyu" href="p-cyushaku.xhtml#ref-005"><ruby>鍵<rt>かん</rt>陀<rt>だ</rt>多<rt>た</rt></ruby></a>
```

```
</rt></ruby><span class="key" id="key-005">* 註<span class="tcy">#05</span></span></a>
```

[After change]

```
<a class="noteref" id="noteref-005" href="p-cyushaku.xhtml#note-005"><ruby>榊<rt>かん</rt>陀<rt>だ</rt>多<rt>た</rt></ruby><span class="super">* 註<span class="tcy">#05</span></span></a>
```

■ 「ebpaj-sample.epub」 / Change

→ 「p-002.xhtml」

[Before change]

```
<p id="ref-002"><a class="cyu" href="#key-002">* 註<span class="tcy">#02</span> 蕊</a> 植物のおしべ・めしべの総称。</p>
```

[After change]

```
<p><a class="note" id="note-002" href="#noteref-002">* 註<span class="tcy">#02</span> 蕊</a> 植物のおしべ・めしべの総称。</p>
```

■ 「ebpaj-sample.epub」 / Change

→ 「p-002.xhtml」

[Before change]

```
<a class="cyu" href="p-cyushaku.xhtml#ref-006">血の池<span class="key" id="key-006">* 註<span class="tcy">#06</span></span></a>
```

[After change]

```
<a class="noteref" id="noteref-006" href="p-cyushaku.xhtml#note-006">血の池<span class="super">* 註<span class="tcy">#06</span></span></a>
```

■ 「ebpaj-sample.epub」 / Change

→ 「p-002.xhtml」

[Before change]

```
<a class="cyu" href="p-cyushaku.xhtml#ref-007"><ruby>萼<rt>うてな</rt></ruby><span class="key" id="key-007">* 註<span class="tcy">#07</span></span></a>
```

[After change]

```
<a class="noteref" id="noteref-007" href="p-cyushaku.xhtml#note-007"><ruby>萼<rt>うてな</rt></ruby><span class="super">* 註<span class="tcy">#07</span></span></a>
```

■ 「ebpaj-sample.epub」 / Change

→ 「p-cyushaku.xhtml」

[Before change]

```
<p id="ref-001"><a class="cyu" href="p-002.xhtml#key-001">* 註<span class="tcy">#01</span> 蜘蛛の糸</a> ドストエフスキイ「カラマゾフ兄弟」第七<ruby>篇<rt>へん</rt></ruby>第三「一本の<ruby>葱<rt>ねぎ</rt></ruby>」に取材。</p>
```

[After change]

```
<p><a class="note" id="note-001" href="p-002.xhtml#noteref-001">* 註<span class="tcy">#01</span> 蜘蛛の糸</a> ドストエフスキイ「カラマゾフ兄弟」第七<ruby>篇<rt>へん</rt></ruby>第三「一本の<ruby>葱<rt>ねぎ</rt></ruby>」に取材。</p>
```

■ 「ebpaj-sample.epub」 / Change

→ 「p-cyushaku.xhtml」

[Before change]

```
<p id="ref-003"><a class="cyu" href="p-002.xhtml#key-003">* 註<span class="tcy">#03</span> 朝</a> 時刻はなど。 ※行内縦長画像（幅 1 文字分に縮小）例</p>
```

[After change]

<p><a class="note" id="note-003" href="p-002.xhtml#noteref-003">\* 註<span class="tcy">#03</span> 朝</a>  
時刻はなど。 ※行内縦長画像（幅 1 文字分に縮小）  
例</p>

■「ebpaj-sample.epub」 / Change  
→「p-cyushaku.xhtml」

[Before change]

<p id="ref-004"><a class="cyu" href="p-002.xhtml#key-004">\* 註<span class="tcy">#04</span> やがて</a>  
時刻はなど。 ※行内横長画像（高さ 1 文字分に縮小）例</p>

[After change]

<p><a class="note" id="note-004" href="p-002.xhtml#noteref-004">\* 註<span class="tcy">#04</span> やがて</a>  
時刻はなど。 ※行内横長画像（高さ 1 文字分に縮小）例</p>

■「ebpaj-sample.epub」 / Change  
→「p-cyushaku.xhtml」

[Before change]

<p id="ref-005"><a class="cyu" href="p-002.xhtml#key-005">\* 註<span class="tcy">#05</span> 犍陀多</a>  
先<span class="kuten-okuri">ンズレバ</span><ruby>即<rt>すなは</rt></ruby><span class="kuten-okuri">チ</span>  
<span>制<span class="kuten-okuri">ス</span></span><span class="kuten">レ</span>人<span class="kuten-okuri">ヲ</span>  
</span> ※訓点（返り点、送り仮名）例</p>

[After change]

<p><a class="note" id="note-005" href="p-002.xhtml#noteref-005">\* 註<span class="tcy">#05</span> 犍陀多</a>  
先<span class="kuten-okuri">ンズレバ</span><ruby>即<rt>すなは</rt></ruby><span class="kuten-okuri">チ</span>  
<span>制<span class="kuten-okuri">ス</span></span><span class="kuten">レ</span>人<span class="kuten-okuri">ヲ</span>  
</span> ※訓点（返り点、送り仮名）例</p>

■「ebpaj-sample.epub」 / Change  
→「p-cyushaku.xhtml」

[Before change]

<p id="ref-006"><a class="cyu" href="p-002.xhtml#key-006">\* 註<span class="tcy">#06</span> 血の池</a>  
古池や 蛙飛<span class="kogaki">ン</span>だる 水の音 ※小書き文字「ン」例</p>

[After change]

<p><a class="note" id="note-006" href="p-002.xhtml#noteref-006">\* 註<span class="tcy">#06</span> 血の池</a>  
古池や 蛙飛<span class="kogaki">ン</span>だる 水の音 ※小書き文字「ン」例</p>

■「ebpaj-sample.epub」 / Change  
→「p-cyushaku.xhtml」

[Before change]

<p id="ref-007"><a class="cyu" href="p-002.xhtml#key-007">\* 註<span class="tcy">#07</span> 萼</a> <span class="line-break-loose">continuous horizontal ellipsis below.....</span>  
.....continuous double em dash (U+0215) below—————  
below—————continuous ruled line character (U+2500)  
below—————</span>  
\*Example of Line Boundary Character Check</p>

[After change]

<p><a class="note" id="note-007" href="p-002.xhtml#noteref-007">\* 註<span class="tcy">#07</span> 萼</a>

`<span class="line-break-loose">`continuous horizontal ellipsis below.....  
 .....continuous double em dash (U+0215) below—————  
 —————continuous ruled line character  
 (U+2500) below—————  
`</span> *Example of Line Boundary Character Check</p>`

■ 「ebpaj-sample.epub」 / Change  
 → 「p-colophon.xhtml」

[Before change]

`<p>Published: ☐09/01/2012</p>`

[After change]

`<p>Published: ☐11/01/2014</p>`

■ 「fixedlayout-template.epub」 / Change  
 → 「standard.opf」

[Before change]

`<!-- Revision Date -->`

`<meta property="dcterms:modified">2012-12-07T00:00:00Z</meta>`

[After change]

`<!-- Revision Date -->`

`<meta property="dcterms:modified">2014-01-01T00:00:00Z</meta>`

■ 「fixedlayout-template.epub」 / Change  
 → 「standard.opf」

[Before change]

`<!-- etc. -->`

`<meta property="ebpaj:guide-version">1.1.1</meta>`

[After change]

`<!-- etc. -->`

`<meta property="ebpaj:guide-version">1.1.3</meta>`

[12/26/2012 ver.1.1.2]

\*This version only contains updates to the guidebook.

---

## Guidebook

### ■ P.5 / Change

Assumed Reading System Actions

[Before change]<meta property="ebpaj:guide-version">1.1.1</meta>

[After change]<meta property="ebpaj:guide-version">1.1.2</meta>

### ■ P.8 / Change

Assumed Reading System Actions

→"■ Text"

→"Text Direction when vertically oriented"

[Before change]

「CSS Writing Modes Module Level 3 W3C Working Draft 1 May 2012」

<http://www.w3.org/TR/2012/WD-css3-writing-modes-20120501/>

\*Refer to "Appendix C: Vertical Typesetting Synthesis," etc.

[After change]

「CSS Writing Modes Module Level 3 W3C Working Draft 15 November 2012」

<http://www.w3.org/TR/2012/WD-css3-writing-modes-20121115/>

\*Refer to the following file, located in the link listed in issue 1 of "5.1.1. Mixed Vertical Orientations," under the heading, "this draft of version 6."

<http://www.unicode.org/reports/tr50/tr50-6.Orientation.txt>

Previous guides referenced "CSS Writing Modes Module Level 3 W3C Working Draft 1 May 2012," the latest CSS working draft at the time, for information on text direction in vertical orientations. This reference was updated to the new CSS working draft, listed above.

### ■ P.22 / Change

"List of EPUB-composed File Templates"

→"A. Reflowable"

[Before change]<meta property="ebpaj:guide-version">1.1.1</meta>

[After change]<meta property="ebpaj:guide-version">1.1.2</meta>

### ■ P.36 / Change

"List of EPUB-composed File Templates"

→"B. Fixed Layouts"

→"■ OPF Files"

[Before change]<meta property="ebpaj:guide-version">1.1.1</meta>

[After change]<meta property="ebpaj:guide-version">1.1.2</meta>

[2012/12/07 ver.1.1.1]

---

## Guidebook

**■P.5 / Change**

Assumed Reading System Actions

[Before change]&lt;meta property="ebpaj:guide-version"&gt;1.1&lt;/meta&gt;

[After change]&lt;meta property="ebpaj:guide-version"&gt;1.1.1&lt;/meta&gt;

**■P.12 / Changes**

Assumed Reading System Actions

→"■Other CSS Interpretations"

→"Emphatic Lines"

[Before change]

{ text-decoration: overline; } is to appear to the right of vertically oriented text.

{ text-decoration: underline; } is expected to appear to the right of text by default, but there are presently multiple RSs that place them on the left side, so overline shall be used for right lines and underline for left lines until a consensus is reached, by adding the designation { text-underline-position:under left; }. (For the time being, the -webkit- prefix designation shall also be listed.)

[After change]

According to CSS 3 specs, in vertically oriented text, { text-decoration: overline; } is expected to appear to the left of text by default, and { text-decoration: underline; } to the right. However, since there are presently multiple RSs that place underlines on the left side, overline shall be used for right lines and underline for left lines until a consensus is reached, by designating { text-underline-position:under left; } in the body. (For the time being, the -webkit- prefix designation shall also be listed.)

**■P.22 / Change**

"List of EPUB-composed File Templates"

→ "A. Reflowable"

[Before change]&lt;meta property="ebpaj:guide-version"&gt;1.1&lt;/meta&gt;

[After change]&lt;meta property="ebpaj:guide-version"&gt;1.1.1&lt;/meta&gt;

**■P.36 / Change**

"List of EPUB-composed File Templates"

→ "B. Fixed Layouts"

→ "■OPF Files"

[After change]The following line was deleted:

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

**■P.36 / Change**

"List of EPUB-composed File Templates"

→"B. Fixed Layouts"

→"■OPF Files"

[Before change]&lt;meta property="ebpaj:guide-version"&gt;1.1&lt;/meta&gt;

[After change]&lt;meta property="ebpaj:guide-version"&gt;1.1.1&lt;/meta&gt;

**■P.37 / Change**

→"List of EPUB-composed File Templates"

→"B. Fixed Layouts"

→"■OPF Files"

[Before change]

```
<!-- 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>
```

[After change]

```
<!-- xhtml -->
<item media-type="application/xhtml+xml" id="p-cover" href="xhtml/p-cover.xhtml"properties="svg"/>
<item media-type="application/xhtml+xml" id="p-white" href="xhtml/p-white.xhtml"properties="svg"/>
<item media-type="application/xhtml+xml" id="p-001" href="xhtml/p-001.xhtml"properties="svg"/>
<item media-type="application/xhtml+xml" id="p-002" href="xhtml/p-002.xhtml"properties="svg"/>
<item media-type="application/xhtml+xml" id="p-003" href="xhtml/p-003.xhtml"properties="svg"/>
<item media-type="application/xhtml+xml" id="p-004" href="xhtml/p-004.xhtml"properties="svg"/>
<item media-type="application/xhtml+xml" id="p-005" href="xhtml/p-005.xhtml"properties="svg"/>
<item media-type="application/xhtml+xml" id="p-colophon" href="xhtml/p-colophon.xhtml"properties="svg"/>
<item media-type="application/xhtml+xml" id="p-white2" href="xhtml/p-white2.xhtml"properties="svg"/>

</manifest>
```

#### ■ P.37 / Change

"List of EPUB-composed File Templates"

→ "B. Fixed Layouts"

→ [Reference Information]

[After change] Deleted each page

#### ■ P.49 / Misprint revision

"Format List"

→ "■ Lowering Text and Indenting"

→ "Protruding Indentations (Hanging Indentations)"

[Before change]

```
<div class="h-indent-3em">
<p>Man: Peter Piper picked a peck of pickled peppers.</p>
```

[After change]

```
<div class="h-indent-2em">
<p>Man: Peter Piper picked a peck of pickled peppers.</p>
```

#### ■ P.49 / Misprint revision

"Format List"

→ "■ Lowering Text and Indenting"

→ "Protruding Indentations (Hanging Indentations)"

[Before change]

```
<div class="start-2em">
<div class="h-indent-3em">
```

[After change]

```
<div class="start-2em">
<div class="h-indent-2em">
```

■ P.49 / Misprint revision

"Format List"

→ "■ Lowering Text and Indenting"

→ "Protruding Indentations (Hanging Indentations)"

[Before change]

```
<div class="start-2em h-indent-3em">
<p>Man: Peter Piper picked a peck of pickled peppers.</p>
```

[After change]

```
<div class="start-2em h-indent-2em">
<p>Man: Peter Piper picked a peck of pickled peppers.</p>
```

■ P.50 / Misprint revision

"Format List"

→ "■ Lowering Text and Indenting"

→ "Protruding Indentations (Hanging Indentations)"

[Before change]

```
<div class="p-2em">
<div class="h-indent-3em">
```

[After change]

```
<div class="p-2em">
<div class="h-indent-2em">
```

---

## CSS Function List.xls

■ Title / Change

[Before change]CSS Function List (ver.1.1)

[After change]CSS Function List (ver.1.1.1)

■ "Emphatic Lines" / Change

→ "Emphatic lines and lines on the opposite side"

→ "[Vertically Oriented] Left Lines"

[After change]The following two lines were deleted:

text-underline-position: below left;

-webkit-text-underline-position: below left;

---

## Sample File CSS

■ 「style-reset.css」 / Change

→ 「body」

[After change]Added the following two lines:

-webkit-text-underline-position: under left;

text-underline-position: under left;



■ 「style-standard.css」 / Change  
→ "Emphatic Lines"

[Before change]

```
.vrtl .em-line-outside {
text-decoration: underline;
text-underline-position: below left;
-webkit-text-underline-position: below left;
}
```

[After change]

```
.vrtl .em-line-outside {
text-decoration: underline;
}
```

■ 「style-advance.css」 / Change  
→ "Emphatic Lines"

[Before change]

```
.hltr .vrtl .em-line-outside {
text-decoration: underline;
text-underline-position: below left;
-webkit-text-underline-position: below left;
}
```

[After change]

```
.hltr .vrtl .em-line-outside {
text-decoration: underline;
}
```

---

## Sample File XHTML

■ 「book-template.epub」 / Change  
→ 「standard.opf」

[Before change]

```
<!-- Revision Date -->
<meta property="dcterms:modified">2012-01-01T00:00:00Z</meta>

<!-- etc. -->
<meta property="ebpaj:guide-version">1.1</meta>
```

[After change]

```
<!-- Revision Date -->
<meta property="dcterms:modified">2012-11-01T00:00:00Z</meta>

<!-- etc. -->
<meta property="ebpaj:guide-version">1.1.1</meta>
```

■ 「ebpaj-sample.epub」 / Change  
→ 「standard.opf」

[Before change]

```
<!-- Revision Date -->
<meta property="dcterms:modified">2012-10-01T00:00:00Z</meta>

<!-- etc. -->
<meta property="ebpaj:guide-version">1.1</meta>
```

[After change]

```
<!-- Revision Date -->
```

```
<meta property="dcterms:modified">2012-11-01T00:00:00Z</meta>
```

```
<!-- etc. -->
```

```
<meta property="ebpaj:guide-version">1.1.1</meta>
```

■ 「fixedlayout-template.epub」 / Change

→ 「standard.opf」

[Before change]

```
<!-- 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</meta>
```

[After change]

```
<!-- Revision Date -->
```

```
<meta property="dcterms:modified">2012-11-01T00:00:00Z</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>
```

■ "fixedlayout-template.epub" / Change

→ 「standard.opf」

[Before change]

```
<!-- 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>
```

[After change]

```
<!-- xhtml -->
```

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

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

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

```
<item media-type="application/xhtml+xml" id="p-002" href="xhtml/p-002.xhtml" properties="svg"/>
<item media-type="application/xhtml+xml" id="p-003" href="xhtml/p-003.xhtml" properties="svg"/>
<item media-type="application/xhtml+xml" id="p-004" href="xhtml/p-004.xhtml" properties="svg"/>
<item media-type="application/xhtml+xml" id="p-005" href="xhtml/p-005.xhtml" properties="svg"/>
<item media-type="application/xhtml+xml" id="p-colophon" href="xhtml/p-colophon.xhtml" properties="svg"/>
<item media-type="application/xhtml+xml" id="p-white2" href="xhtml/p-white2.xhtml" properties="svg"/>

</manifest>
```

---

[2012/10/12 ver.1.1]

---

## Guidebook

### ■ P.3 / Addition

"About This Guide"

→"■ Outline"

[After change] Added description for fixed layouts.

### ■ P.4 / Addition

"About This Guide"

→"■ Supplementary Materials"

[Before change] book-template.epub

[After change] book-template.epub & fixedlayout-template.epub

### ■ P.5 / Change

Assumed Reading System Actions

[Before change]

<dc:description id="ebpaj-guide">ebpaj-guide-1.0</dc:description>

[After change]

<meta property="ebpaj:guide-version">1.1</meta>

\*"ebpaj: http://www.ebpaj.jp/" is listed in the package's element prefix attribute to declare the prefix.

### ■ P.5 / Change

Assumed Reading System Actions

→"Document File Basics"

→"container.xml in META-INF"

[Before change]

At present, we do not envision any examples of two or more OPF files.

[After change]

This guide does not list an example of two or more OPF files. However, the EPUB 3 specifications should be followed for two or more OPF files as well, to appropriately process them.

### ■ P.5 / Misprint revision

Assumed Reading System Actions

→"■ Package Documents/OPF Files"

→"Preserving the spine element's designation"

[Before change] the itemref element's "properties" attribute

[After change] the itemref element's "properties" attribute

### ■ P.8 / Change

Assumed Reading System Actions

→"■ Text"

→"Text Direction when vertically oriented"

[Before change] Rotate 90° right (sideways): -epub-text-orientation: sideways;

[After change] Rotate 90° right (sideways): -epub-text-orientation: sideways;

(\*Also include the original "rotate-right" of the current specification in CSS.)

### ■ P.12 / Addition

Assumed Reading System Actions

→ "■ Fixed Layouts"

[After change] Added the Fixed Layouts section

■ P.13 / Change

Assumed Reading System Actions

→ "■ Other"

→ "Values and properties that would be preferable to prioritize in the future and support in the scope of EPUB 3.0:"

[After change] Deleted the following two lines:

- A simple fixed layout that performs spread expressions on horizontally long screens, including 1 image per page.
- [properties="rendition:page-spread-center"] when designated as a spread in a fixed layout.

■ P.14 / Change

Assumed Reading System Actions

→ "■ HTML Elements and CSS Properties that Assume RS Support"

→ "[HTML]"

→ "Embedded content"

[Before change] img element

[After change] img element/ SVG (only image map function and SVG wrapping in fixed layouts)

■ P.15 / Addition

Assumed Reading System Actions

→ "■ HTML Elements and CSS Properties that Assume RS Support"

→ "[CSS]"

→ "CSS Text Level 3"

[After change] Added "text-underline-position"

■ P.15 / Change

Assumed Reading System Actions

→ "■ HTML elements and CSS properties this guide does not assume RSs will handle"

→ "[HTML]"

→ "Embedded content"

[Before change] SVG

[After change] SVG (other than fixed layout usage)

■ P.18 / Change

"Basic Creation Description Items"

[Before change] Bear in mind the source formulation rules are

[After change] Bear in mind the file/folder name and source formulation rules are

■ P.19 / Misprint revision

"Basic Creation Description Items"

→ "■ File Specifications"

[Before change] Navigation document <body epub:type="toc" id="toc">

[After change] Navigation document <nav epub:type="toc" id="toc">

■ P.21 / Addition

"List of EPUB-composed File Templates"

[After change] Added fixed layouts, and listed the headings as "A. Reflowable" and "B. Fixed Layouts".

■ P.22 / Change

"List of EPUB-composed File Templates"

→ "A. Reflowable"

→"■container.xml in META-INF"

[After change]Deleted the following two lines:

[Notes]

- At present, we do not envision any examples of two or more OPF files

#### ■P.23 / Change

"List of EPUB-composed File Templates"

→"A. Reflowable"

→"■OPF Files"

→「[sample code]」

[Before change]

```
<package
xmlns="http://www.idpf.org/2007/opf"
version="3.0"
xml:lang="ja"
unique-identifier="unique-id"
>
```

[After change]

```
<package
xmlns="http://www.idpf.org/2007/opf"
version="3.0"
xml:lang="ja"
unique-identifier="unique-id"
prefix="ebpaj: http://www.ebpaj.jp/"
>
```

#### ■P.23 / Change

"List of EPUB-composed File Templates"

→"A. Reflowable"

→ "■OPF Files"

→「[sample code]」

[Before change]<dc:description id="ebpaj-guide">ebpaj-guide-1.0</dc:description>

[After change]<meta property="ebpaj:guide-version">1.1</meta>

#### ■P.61 / Addition

"Default CSS Files"

→"■Style Sheet Compositions"

[After change] Added fixed layouts, and listed the headings as "A. Reflowable" and "B. Fixed Layouts".

#### ■P.66 / Addition

End of guide

[After change]Added "Update History"

## CSS Function List.xls

#### ■Title / Change

[Before change]CSS Function List

[After change]CSS Function List (ver.1.1)

#### ■"Text Direction when vertically oriented" / Addition

→"Rotate 90° right (sideways)"

[After change]Added the following lines:

-epub-text-orientation: rotate-right;

■ "Emphatic Lines" / Addition

→ "Emphatic lines and lines on the opposite side"

→ "[Vertically Oriented] Left Lines"

[After change] Added the following two lines:

text-underline-position: below left;

-webkit-text-underline-position: below left;

---

## Sample File CSS

■ 「style-standard.css」 / Change

→ "Aligning Lines"

[After change] Adjusted the number of spaces to line up the position

■ 「style-standard.css」 / Change

→ "Text direction"

[Before change]

```
.sideways {
-webkit-text-orientation: sideways;
-epub-text-orientation: sideways;
}
```

[After change]

```
.sideways {
-webkit-text-orientation: sideways;
-epub-text-orientation: rotate-right;
-epub-text-orientation: sideways;
}
```

■ 「style-standard.css」 / Change

→ "Emphatic Lines"

[Before change]

/\* Emphatic Lines

---

When vertically oriented, we assume the overline will be placed on the right of text, and the underline on the left.

---

\*/

[After change] \*Deleted comment line

/\* Emphatic Lines

---

\*/

■ 「style-standard.css」 / Change

→ "Emphatic Lines"

[Before change]

```
.vrtl .em-line-outside {
text-decoration: underline;
}
```

[After change]

```
.vrtl .em-line-outside {
text-decoration: underline;
text-underline-position: below left;
-webkit-text-underline-position: below left;
```

```
}
```

■ 「style-advance.css」 / Change  
→ "Emphatic Lines"

[Before change]  
.hltr .vrtl .em-line-outside {  
text-decoration: underline;  
text-underline-position: below left;  
}

[After change]  
.hltr .vrtl .em-line-outside {  
text-decoration: underline;  
text-underline-position: below left;  
-webkit-text-underline-position: below left;  
}

---

## Sample File XHTML

■ 「book-template」 / Change  
→ 「standard.opf」

[Before change]  
<package  
xmlns="http://www.idpf.org/2007/opf"  
version="3.0"  
xml:lang="ja"  
unique-identifier="unique-id"  
>

[After change]  
<package  
xmlns="http://www.idpf.org/2007/opf"  
version="3.0"  
xml:lang="ja"  
unique-identifier="unique-id"  
prefix="ebpaj: http://www.ebpaj.jp/"  
>

■ 「book-template」 / Change  
→ 「standard.opf」

[Before change]<dc:description id="ebpaj-guide">ebpaj-guide-1.0</dc:description>  
[After change]<meta property="ebpaj:guide-version">1.1</meta>

■ 「ebpaj-sample.epub」 (Work Sample: "The Spider's Thread") / Change  
→ 「standard.opf」

[Before change]  
<package  
xmlns="http://www.idpf.org/2007/opf"  
version="3.0"  
xml:lang="ja"  
unique-identifier="unique-id"  
>

[After change]  
<package  
xmlns="http://www.idpf.org/2007/opf"  
version="3.0"



```

xml:lang="ja"
unique-identifier="unique-id"
prefix="ebpaj: http://www.ebpaj.jp/"
>

```

■ 「ebpaj-sample.epub」 (Work Sample: "The Spider's Thread") / Change  
→ 「standard.opf」

[Before change]<dc:description id="ebpaj-guide">ebpaj-guide-1.0</dc:description>  
[After change]<meta property="ebpaj:guide-version">1.1</meta>

■ 「ebpaj-sample.epub」 (Work Sample: "The Spider's Thread") / Change  
→ 「standard.opf」

[Before change]<meta property="dcterms:modified">2012-09-01T00:00:00Z</meta>  
[After change]<meta property="dcterms:modified">2012-10-01T00:00:00Z</meta>

■ 「ebpaj-sample.epub」 (Work Sample: "The Spider's Thread") / Misprint revision  
→ 「p-002.xhtml」  
→Line 19

[Before change]

```

<p> ~ <span class="sideways">"</span>KUMO NO ITO<span class="sideways">" <span class="sideways">♡
</span></span>

```

[After change]

```

<p> ~<span class="sideways">"</span>KUMO NO ITO<span class="sideways">"</span> <span class="sideways">
♡</span>

```

-----