

# Contents

1. Manual:Extension/BlueSpiceUniversalExport	2
2. Manual:Extension/BlueSpiceUniversalExport/Customization	9



# Manual:Extension/BlueSpiceUniversalExport

A quality version of this page, approved on 4 August 2021, was based off this revision.

**BlueSpiceUniversalExport** allows exporting wiki pages to various formats. It incorporates various modules, each serving as exporter for a particular export type.

# Contents

3
3
3
4
4
5
6
7
8
8
9
9



# The export menu

Every content page on the wiki can be exported. Export fuctions are located in the general page tools under the menu item *Export*. The available export options depend on your wiki configuration. Clicking one of the links downloads the page content in the selected format.

BlueSpice 3	٩	Ø• •	so <sup>9</sup>
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Global actions	TestPage		∽ Edit
Special pages     Upload file     Modebliet	Test		Move
Watchinst     Book Manager     Extended statistics	Attachments		Add to a book Refresh
RSS feeder	No attach Cre	ment area has been created yet. Rate new attachment area	Export
<ul> <li>✿ Ratings</li> <li>♦ Recommendations</li> </ul>		•	PDF single page
Reminder     Expiry	Discussions		<ul> <li>PDF page with subpages</li> <li>HTML single page (archived)</li> </ul>
Keview     WikiExplorer     All templates	No discus	sion page has been created yet. Create new discussion	🖶 Print
Management ^		•	Revialed changes
About BlueSpice     Config Manager     Group manager	Privacy policy About BlueSpice Disclatmers Analysis service	MediaWiki     O BlueSpice     Semantic MediaWiki	Page information Cite this page Browse properties
Interwiki links     Namespace-CSS Manager     Namespace manager			<ul> <li>QR code</li> <li>Scan QR code to open this page on a mobile device</li> </ul>
Assignment management     Rege templates     Permission management			国外公司 西方外出
Export options			

# Modules

The extension *BlueSpiceUniversalExport* contains several modules:

- **BlueSpiceUEModulePDF:** module for exporting pages in PDF (.pdf) format. It downloads the current page (PDF single page), the current page including all its subpages (PDF page with subpages), or the current page and the pages that are linked from that page (PDF page with linked pages).
- **BlueSpiceUEModuleHTML:** module for exporting pages as an html zip-archive (option HTML single page).
- **BlueSpiceUEModuleBookPDF:** module for exporting books. This module is only available if BlueSpiceBookmaker is installed. It exports entire books in PDF format (available in the Book Manager).

# Configuration

Configuration of UniversalExport (and its modules) can be done in the Config manager in the *Export* section. Available settings include:

- **Table of contents:** only applies to exporting books. Select how the ToC should be constructed (as a ToC for the entire book or for each page individually).
- **Hide namespace prefix in HTML:** removes namespace prefixes when displaying page titles in HTML exports.
- Hide namespace prefix in PDF: removes namespace prefixes when displaying page titles in PDF exports.

# BlueSpice

Media Wiki

- **Metadata (standard, JSON)** : additional data to be passed to the rendering template in JSON format. This data will be availble for usage in the template (advanced users).
- **Metadata (override, JSON)**: offers overriding standard data sent to the rendering template. Values that are set by default can be overriden by using this option (JSON format) (advanced users).

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1 🗎 🛱	
Global actions ^ Special pages ↓ Upload file ☆ Watchilst Book Manager ↓ Extended statistics RSS feeder Extended file list ☆ Ratings A Recommendations Reminder Extended file list ☆ Ratings A Recommendations Reminder Expliny Review WikiExplorer All templates Management ^ Config Manager ↓ Config Manager ↓ Interviki links T Namespace CSS Manager	Special
Assignment management     Page templates     Permission manager     Configuration options	Privacy policy About BlueSpice Disclaimers Analysis service 🏽 🎕 MediaWiki 🕜 BlueSpice 🛸 Semantic MediaWiki

# Tags

If the following tags are included in a page, they are usually applied both to the PDF book export and to the PDF single page export unless otherwise noted.

# Manual page brea

You can insert the following tag on a wiki page anywhere you want to force a manual page break in the PDF:

<bs:uepagebreak ></div>

In visual editing mode, a marker is displayed where the page breaks have been inserted.



Page break Marker for page breaks in visual editing mode

### Landscape printing

To print a PDF page in landscape format, the following tag can be inserted in the wiki page in source editing mode at any position:

```
<bs:ueparams template="BlueSpice_Landscape" />
```

To make it easier for the user to add this tag with the visual editor, this tag can be added to a wikitext-template, for example, {{LandscapeFormatExport}}. The element can be inserted anywhere on the page.

**Note:** This tag only works for the PDF single page export.

Within a wiki page, individual areas can be marked separately (e.g. wide tables). This way, the output in the export can be landscape or extra-wide. This is possible using the following css classes:

- "bs-rotated" -> landscape format
- "bs-narrow" -> 0,33 x A4 portrait
- "bs-ultrawide" -> 2 x A4 landscape

These classes can also be combined. Example:

<div class="bs-rotated bs-ultrawide">...</div>

The start and end div tags can also be added to templates (e.g., {{LandscapeStart}} and {{LandscapeEnd}}) to allow users to insert the tags using the visual editor.

Note: Display of header and footer areas could be problematic when using these tags.

These css classes also work for the book export.



### **PDF-specific styling**

**Important!** The tag is only taken applied in the single page export (including linked pages and subpages). The tag from individual pages is ignored in the book export. The tag can, however, be inserted on the corresponding book page in the *Book:* namespace and is then applied to all pages in the book.

To style classes or IDs only in the PDF output, you can include the following tag at the beginning of a page:

<bs:uemeta body-class=class-name-here/>



### Example: Changing background, header, and footer settings

- Insert the tag <bs:uemeta body-class=bg-grey bg-yellow no-header-image no-footer-text/> at the top of your wiki page.
- 2. To define the page background, add the following CSS to MediaWiki:Common.css ein (admin rights needed):

```
/*PDF output*/
.bg-grey { background-color:#EDEDED !important;} /*sets the page background. There
will be a white margin around it.*/
.bg-yellow .bs-page-content { background-color:#F7F0C6; padding:10px;} /*sets the
background color for the content and adds padding*/
.no-header-image #bs-runningheaderfix { background:none;} /*removes the PDF header*/
.no-footer-text #bs-runningfooterleft, .no-footer-text #bs-runningfootercenter, .no-
footer-text #bs-runningfooterright { display:none;} /*removes the text from the
PDF footer*/
```

Compare the page before inserting the tag and after inserting the tag:

Blue Spice MediciWiki Beispiel PDF-Arpassung		Beispiel PDF-Anpassung
Beispiel PDF-Anpassung		Beispiel PDF-Anpassung
Hele Werfd!		
Export 13.11.2020 This document was created with BlueSpice Page 2	1 of 1	

### **Exclude content from PDF export**

To exclude the content of a page from the PDF export, it can be inserted via the visual editor under *Insert> No PDF*. The text is then marked accordingly in the source text:

<bs:uenoexport>Dieser Text wird nicht ins PDF exportiert.</bs:uenoexport>



# Show content in PDF only

If content should only be displayed in the PDF, but not on the wiki page, this content can be marked manually via the source text. First, a wiki administrator needs to add the following code to the page *MediaWiki: Common.css*:

```
.bs-page-content .no-pdf {
    display: none;
}
.bs-page-content div.only-pdf {
    display:block;
}
.bs-page-content span.only-pdf {
    display:inline;
}
.only-pdf {
    display: none;
}
```

A block element or an inline element can now be created for the PDF export. This content is not rendered on the wiki page in display mode. Source code examples:

```
<div class="only-pdf">This block is only shown in the PDF.</div>
The adjective <span class="no-pdf">beautiful</span><span class="only-pdf">small</span>
is shown differently on the page and in the PDF.
```

# Display of email addresses

If an email link has an additional label on a wiki page, the email address will be listed separately in the PDF after the link label.

Email ***** (0) • Recommend (0)	
(1) Last edited one second ago by WikiSysop	★ Unwatch ① No status information
Contact us!	
Email link on wiki page	



Email			
Contact us! (info@hallo	owelt.com)		
PDF link in PDF output			

### Printing

MediaWiki, by default, provides a print view for the pages. This command is also available in the *Export* menu (option *Print*).

### **Related info**

- Reference:BlueSpiceUniversalExport
- Reference:BlueSpiceUEModulePDF
- Reference:BlueSpiceUEModuleBookPDF
- Reference:BlueSpiceUEModuleHTML
- Creating books

# **PDF** Customization

A quality version of this page, approved on *8 September 2021*, was based off this perison.<sup>BlueSpice pro Cloud</sup> The standard PDF template can be adjusted directly in the wiki.

**Compatibility info:** In non-cloud editions, the PDF template has to be adjusted on the server.

# Contents

1 Header and footer	. 11
1.1 Available parameters	. 13
1.2 Header	. 13
1.2.1 Using custom text	. 14

### Manual:Extension/BlueSpiceUniversalExport

BlueSpice	Manual:Extension/BlueSpiceUniversalExp
MediaWiki	
1.2.2 Removing the middle column	
1.2.3 Adding a margin before and after the header	
1.3 Footer	
1.4 Header and footer background color	
2 Book cover	
2.1 Using a cover image	
2.1.1 Defining the background image and the subtitl	e
2.1.2 Using background colors	
3 Tags	
3.1 Landscape printing	
4 Related info	



# Header and footer

By default, the PDF template contains 3 sections for the header and 3 sections for the footer.



#### Manual:Extension/BlueSpiceUniversalExport



you with the installation and setup of BlueSpice pro.

			Footer
23.12.2020	4	Dieses Dokument wurde erzeugt mit BlueSpice	6 1/1
dard PDF templa	ite		



Both the content and the number of columns in the header and footer area can be edited in the following files.

- MediaWiki:UniversalExport/PDF/Default/Header.html
- MediaWiki:UniversalExport/PDF/Default/Footer.html
- MediaWiki: UniversalExport/PDF/Default/Styles.less (optionales externes Stylesheet)

### Available parameters

The following content can be added to each section in the header or footer:

Parameter	Description
logo	current wiki logo
title	title of the page. In books, this is the title of the book page.
subtitle	prints the subtitle of a book if a subtitle was created in the book meta data
currentpagenumber	number of the current page
totalpagescount	total number of pages
url	URL of the wiki page
user	username of user who printed the page
exportdate	date of PDF-creation
exporttime	time of PDF-creation

Each parameter is added to the header or footer enclosed in three curly brackets, for example: {{{logo}}}.

In addition, you can simply type in regular text in each section.

### Header

The header contains a wiki table with three columns. The default content for the first column is the logo of the wiki and the last column shows the page title. The middle column is empty.

To make changes to the header, open the page *MediaWiki:UniversalExport/PDF/Default/Header. html* in edit mode.



Header.html	
③ vor 38 Minuten zuletzt von WikiSysop bearbeitet	
1 2 3 {  V V V   {{{logo}}}       {{{title}}}  }	
Header table	

### Using custom text

If you do not want to show the logo, but display custom text, you can simply delete the existing placeholders and replace them with your text. Be aware that this header will be used for all PDFs on your wiki, including books.

Any of the columns can be left blank.

```
{|
| Text in left column || Text in middle column || Text in right column
|}
```

### Removing the middle column

By default, the 3 columns each use 1/3 of the header width. If you need more room for the left or right column, you can remove the middle column. The remaining 2 columns than each get 1/2 of the header width.

The left column now uses 50% of the header width. || Text in the right column |}



The left column now uses 50% of the header width.

Text in right column

### Product info

### What is BlueSpice?

With BlueSpice MediaWiki you enable your employees to quickly access current and business-critical knowledge via a central and dynamic knowledge base. BlueSpice is an open-source enterprise software that offers you many advantages: It is stable, secure, and relies on state-of-the-art web technologies. You retain control over the source code and ensure that all developments remain publicly available. In keeping with the open-source philosophy, there is also a free distribution in addition to the paid editions pro and farm.

2 columns in the PDF header

### Adding a margin before and after the header

The margin before and after the header can be adjusted by changing the beginning of the table {| to include a style declaration:

### Footer

The footer can be customized just like the header.

By default, the footer shows the creation date of the pdf, a BlueSpice disclaimer, and the page number with number of total pages.

```
{{
    {{exportdate}} || {{int:universal-export-pdf-default-disclaimer} ||
    {{currentpagenumber}} / {{{totalpagescount}}
}
```

To make changes to the footer, open the page *MediaWiki:UniversalExport/PDF/Default/Footer.html* in edit mode. For example, you could replace the BlueSpice disclaimer in the middle column with the username of the user who printed the pdf.

```
\\
| {{{exportdate}}} || {{{user}}} || {{{currentpagenumber}} / {{{totalpagescount}}}
|}
```





# Header and footer background color

If you want to use a background-color for the header and footer, you can copy the following style declaration at the end of the page *MediaWiki: UniversalExport/PDF/Default/Styles.less*:

```
#runningheaderfix, #runningfooterfix {
        background-color: #eee;
}
#runningheaderfix > table {
        border-bottom: none !important;
}
#runningfooterfix > table {
        border-top: none !important;
}
```

### **Book cover**

When you print a book to PDF, the book has a basic cover page.

By default, the cover page contains the logo, book title, and a placeholder for the subtitle. If you did not create a subtitle for your book, no subtitle is shown.



	BlueSpice 3
Product manual	

# Using a cover image

To customize the cover page for books, you will edit the page *MediaWiki:UniversalExport/PDF* /*Default/Cover page.html* .

The example shown below contains the following elements:

- Logo
- Background image
- Title
- Subtitle







This cover page was created with the following source code. You can simply overwrite the existing content:

```
1 {| style="width: 100%; text-align: right;"
2 |{{{logo}}}
3 |}
4 <div style="font-size: 18pt; font-weight:bold; margin-top:5cm; color:#333333">
{{{title}}}</div>
5 <div style="font-size: 14pt; margin-top:11.5cm; color:#333333">{{{subtitle}}}</div>
```

- Lines 1-3: A table with the wiki logo.
- Line 4: Title here you can define, for example, the font size and font weight, the margin to the top of the page and the font color.
- Line 5: Subtitle same as the title. The property *margin-top* sets the distance between title and subtitle.

### Defining the background image and the subtitle

The subtitle and background image are set in the book's metadata.

- 1. Go to the book manager.
- 2. Select the book for which you want to customize the cover page. This should be an image with the **full page dimensions** (e.g., DIN A4 or letter size) since it will be shown as a background image.
- 3. On the book editing page, click the wrench. This opens the metadata dialog.



Cancel	Meta data	5 Done
	1 Add Semove	
Bookshelf image	3 cover-industry.png	
Subtitle	4 Your entry into the world of wikis	
eta data		

- 4. Select *Bookshelf image* from the drop-down menu (1) and click *Add* (2). In the right column, enter the name of the picture that you want to use for the background. The picture must be uploaded t o the wiki. If your picture has a namespace prefix, this must be included in the image name.
- 5. Select *Subtitle* from the drop-down menu (1) and click Add (2). Entehe desired subtitle accordingly in the right column.
- 6. Click Done.
- 7. Finally, click Save at the end of the book editing page.

Now test the layout by printing the book as a PDF using the book management. To make the necessary changes (e.g. spacing between title and subtitle), change the settings accordingly on the *MediaWiki:UniversalExport/PDF/Default/Cover page.html* or in the metadata.

**Note:** You can define a separate background image for each book using the book's the metadata. However, the picture should always be placed in the same position, since all books share the *Cover page.html*. The alignment of the text elements is shared between all cover pages.

### Using background colors

If you do not have a background image for your book covers or if you don't want to use one, you can also work with colors to customize the cover page.



Here are some examples and the needed source text for the page *MediaWiki:UniversalExport/PDF* /*Default/Cover page.html*. To use them, simply overwrite the existing content in that page.

BlueSpice	BlueSpíce
User manual	User manual Your entry to the world of wikis
Your entry to the world of wikis	

Cover page 2

Cover page 1

```
        Buescie
```



Cover page 1



```
<!-- Logo -->
{| style="width: 100%; text-align: right;"
|{{{logo}}}
|}
<!-- Color block -->
<div style="position:absolute; height:2cm; width:1.8cm; background-color:#3a3b3c;</pre>
margin:4cm 0 0 -2cm">
</div>
<div style="position:absolute; height:2cm; width:24cm; background-color:#3366cc;</pre>
margin:4cm 0 0 0cm;">
</div>
<!-- Title -->
<div style="font-size:28pt;font-weight:bold;margin:8.5cm 0 1cm 0;color:#333333;">
{{{title}}}
</div>
<!-- Subtitle -->
<div style="font-size:16pt; color:#555555">{{{subtitle}}}
</div>
```

#### Cover page 2

```
<div id="coverpage" style="height:29.7cm; width:21cm; margin:-1cm 0 0 -1.5cm;
background: #cdcdcd; overflow:hidden;">
<div style="min-height:10cm; background:white; margin:2cm 0 0 0; padding:1cm">
<!-- Logo -->
{| style="width: 100%; text-align: right;"|
|{{{logo}}}
|}
<!-- Titelblock -->
<div style="font-size: 32pt; font-weight:bold; padding:0 1cm; margin:4.5cm 0 0.5cm 0;
color:#333333; background:white">{{{tite}}}</div>
<div style="font-size: 24pt; margin-top:0; padding:0 1cm; color:#555555;">
{{subtitle}}
</div>
```

#### Cover page 3

```
<!-- Logo -->
{| style="width: 100%; text-align: right;"
|{{{logo}}}
|}
<!-- Title block with background color -->
<div style="background-color:#c6752d; margin:4.5cm -2cm 0 -2cm; padding:2cm 2cm 3cm
2cm;">
<div style="background-color:#c6752d; margin:4.5cm -2cm 0 -2cm; padding:2cm 2cm 3cm
2cm;">
<div style="background-color:#c6752d; margin:4.5cm -2cm 0 -2cm; padding:2cm 2cm 3cm
2cm;">
<div style="background-color:#c6752d; margin:4.5cm -2cm 0 -2cm; padding:2cm 2cm 3cm
2cm;">
<div style="background-color:#c6752d; margin:4.5cm -2cm 0 -2cm; padding:2cm 2cm 3cm
2cm;">
<div style="font-size: 24pt; font-weight:bold; margin-bottom:0.5cm; color:#ffffff;">
{{title}}
</div>
```





### Tags

### Landscape printing

To print a PDF page in landscape format, the following tag can be inserted in the wiki page in source editing mode at any position:

```
<bs:ueparams template="BlueSpiceCloudLandscape" />
```

To make it easier for the user to add this tag with the visual editor, this tag can be added to a wikitext-template, for example, {{LandscapeFormatExport}}. The element can be inserted anywhere on the page.

**Note:** This tag only works for the PDF single page export.

# **Related info**

Cloud administration