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Reference:BlueSpiceUniversalExport

Extension\ BlueSpiceUniversalExport

Overview			
Description:	Enables MediaWiki to export pages into different formats		
State:	stable	Dependency:	BlueSpice
Developer:	HalloWelt	License:	GPL-3.0-onlyProperty "BSExtensionInfoLicense" (as page type) with input value "</br>GPL-3.0-only" contains invalid characters or is incomplete and therefore can cause unexpected results during a query or annotation process.
Type:	BlueSpice	Category:	Export
Edition:	BlueSpice free, BlueSpice pro, BlueSpice Farm, BlueSpice Cloud		
View help page			

Features

BlueSpiceUniversalExport enables the export of wiki page content to various formats. It incorporates various modules, each serving as exporter for a particular format or type of export.

The export is executed taking into account the export settings (parameters, tags). It checks permissions and collects the parameters and metadata of the entities to be exported, providing the context for the export module.

It supports the following export modules:

- [UEModuleBookPDF](#)
- [UEModuleHTML](#)
- [UEModulePDF](#)
- [UEModulePDFRecursive](#)
- [UEModulePDFSubpages](#)
- [UEModuleTable2Excel](#)

Technical Information

This information applies to BlueSpice 3 . Technical details for BlueSpice cloud can differ in some cases.

Requirements

MediaWiki: 1.31
BlueSpiceFoundation: 3.2

Integrates into

- BlueSpiceUniversalExport
- BlueSpiceVisualEditorConnector

Special pages

- UniversalExport

Configuration

Name	Value
UniversalExportCategoryBlacklist	array (0 => 'Confidential', 1 => 'Internal',)
UniversalExportCategoryWhitelist	array (0 => 'Exportable', 1 => 'Public',)
UniversalExportMetadataDefaults	'{"creator":"Hallo Welt! GmbH"}'
UniversalExportMetadataOverrides	'{"producer":"UniversalExport 3.0.0 (BlueSpice MediaWiki)}'
UniversalExportParamsDefaults	array ('format' => 'pdf', 'pdf-merging' => '0', 'attachments' => '0', 'recursive' => false, 'filter' => 'use-all',)
UniversalExportParamsOverrides	array ('use-serverside-caching' => false, 'pdf-attachment-formats' => array (0 => 'doc', 1 => 'docx', 2 => 'xls', 3 => 'xlsx', 4 => 'ppt', 5 => 'pptx', 6 => 'odt', 7 => 'ods', 8 => 'odp', 9 => 'odg', 10 => 'svg',),)

Hooks

- [BSInsertMagicAjaxGetData](#)
- [BSUsageTrackerRegisterCollectors](#)
- [SkinTemplateOutputPageBeforeExec](#)

Export options

A [quality version](#) of this page, [approved](#) on *4 August 2021*, was based off this revision.

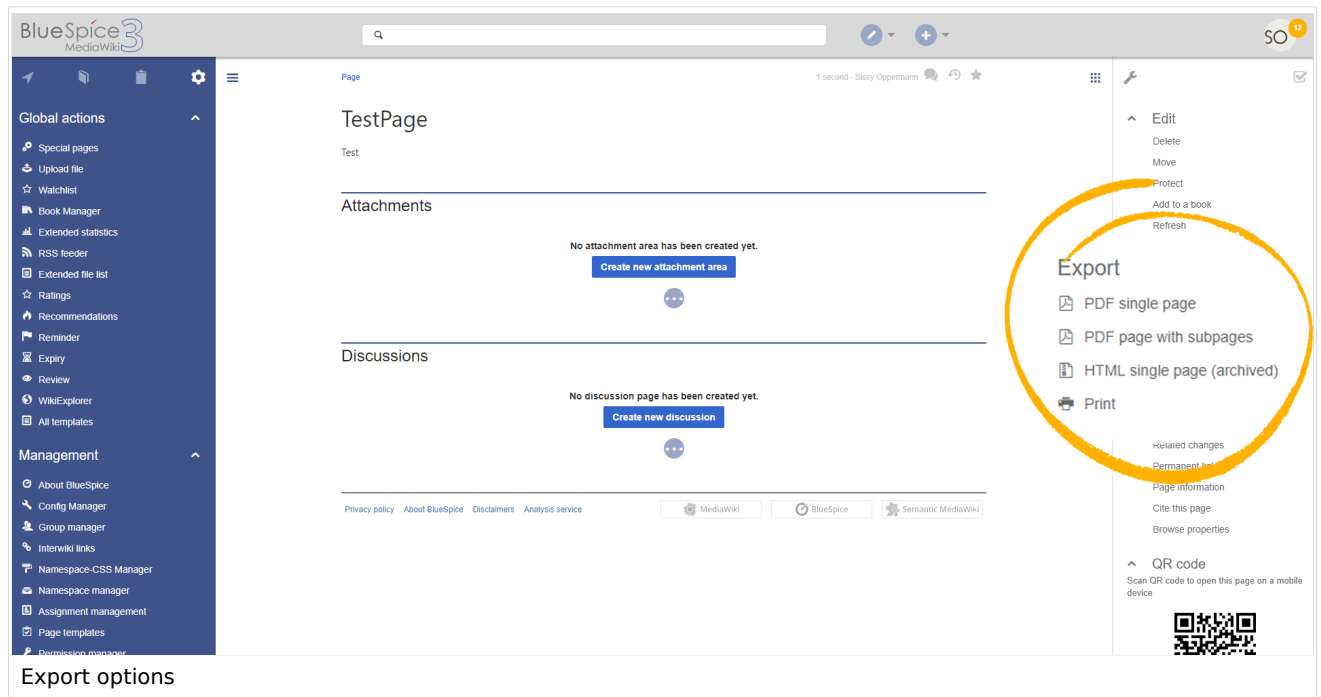
BlueSpiceUniversalExport allows exporting wiki pages to various formats. It incorporates various modules, each serving as exporter for a particular export type.

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The export menu

Every content page on the wiki can be exported. Export functions 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.



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.

- **Metadata (standard, JSON)** : additional data to be passed to the rendering template in JSON format. This data will be available 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 overridden by using this option (JSON format) (advanced users).

Configuration options

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 break

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:

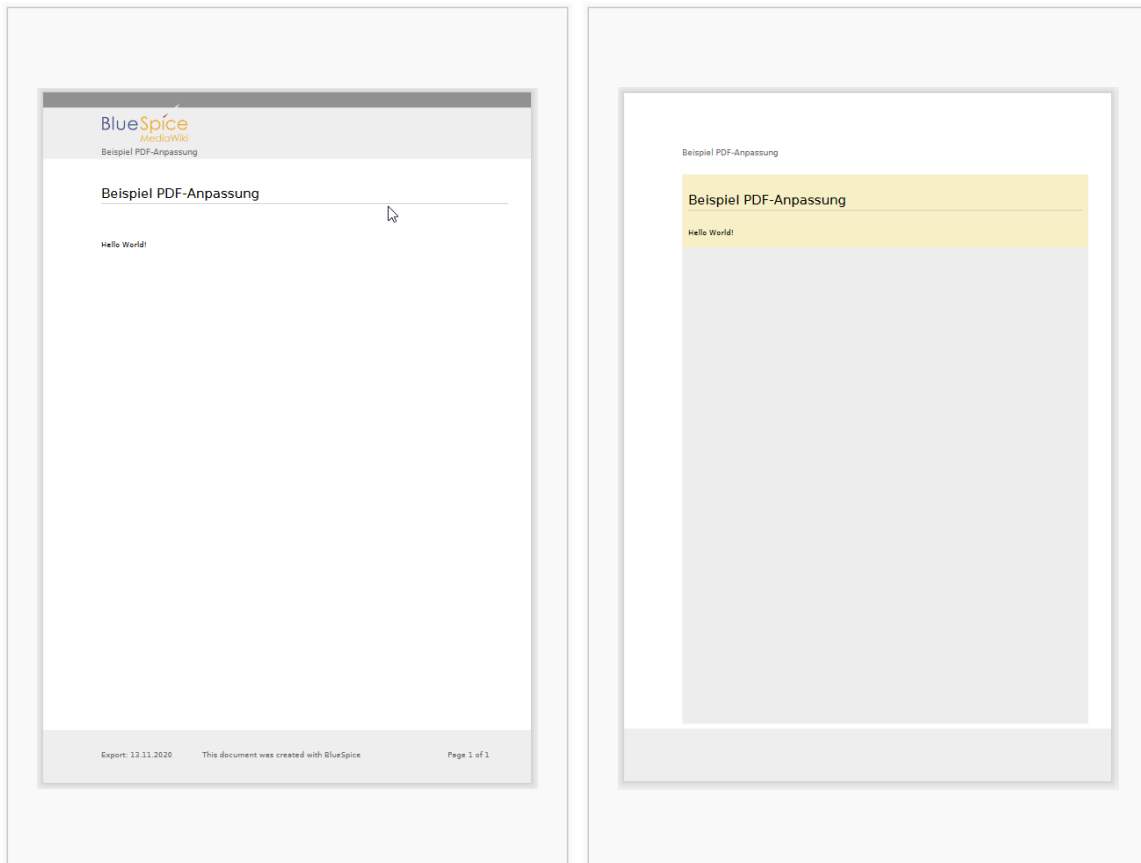
```
<bs:uemeta body-class=class-name-here/>
```

Example: Changing background, header, and footer settings

1. 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:#EDED; !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:



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)

📄 Last edited one second ago by WikiSysop★ Unwatch ⓘ No status information

Contact us!📧

Email link on wiki page

Email

Contact us! (info@hallowelt.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](#)

Reference:BlueSpiceUEModuleBookPDF

Extension\ BlueSpiceUEModuleBookPDF

Overview			
Description:	Enables BlueSpice export hierarchical collections of articles to Adobe® Portable Document Format (PDF).		
State:	stable	Dependency:	BlueSpice

Overview			
Developer:	HalloWelt	License:	GPL-3.0-onlyProperty "BSExtensionInfoLicense" (as page type) with input value "</br>GPL-3.0-only" contains invalid characters or is incomplete and therefore can cause unexpected results during a query or annotation process.
Type:	BlueSpice	Category:	Book
Edition:	BlueSpice pro, BlueSpice Farm, BlueSpice Cloud		

Features

UEModuleBookPDF export books to PDF format.

- Creates a PDF book based on the data from the Universal Export.
- Underlying is an HTML / PHP template, which is also customizable by the user.
- Metadata is embedded in the PDF.
- Numbering of chapters and the table of contents is generated.
- Files are attached.
- The pages of the PDF Book are printed on the model of the PDF single pages.
- When exporting a title page and a table of contents should be generated.
 - The cover sheet contains company logo and date of creation and is freely designable.
 - The table of contents is generated automatically, is clickable and allows the direct jump to the desired position within the document.
- In addition, a summary of the changes under the term "last changes" will appear. It contains the relevant changes (ie not minor changes in the system) of the articles within the last two years. If required, the date (format: dd.mm.yyyy, sort order descending), article name and change note of the released statuses should appear.
- References to uploaded documents are included in the PDF book as an attachment ("merge" in the sense of readable articles and non-attachment). Footnotes from wiki articles should be placed at the end of the PDF page and should not appear at the end of the article.
- Breakthroughs of text, tables and images are intelligent to implement (not a single line of a new paragraph as the last line of a page, on the following page continuous tables get the table header again, images are only on one page to represent).
- As the chapter numbering is shown in the header, a page break is required when changing to another chapter.
- Hyperlinks are clickable and refer to the desired position within the document (also applies to attachments), external links are included in the pdf as a hyperlink.

Some aspects of this extension can be configured on Special:BlueSpiceConfigManager, under section "Universal export PDF module". Here wiki administrators can configure:

- How Table of content should be shown.

Technical Information

This information applies to BlueSpice 3 . Technical details for BlueSpice cloud can differ in some cases.

Requirements

MediaWiki: 1.31

BlueSpiceBookshelf: 3.2

- BlueSpiceFoundation: 3.2 BlueSpiceUEModulePDF: 3.2 BlueSpiceUniversalExport: 3.2

Integrates into

- BlueSpiceUniversalExport

Special pages

Permissions

Name	Description	Role
uemodulebookpdf-export	Export a page to PDF as part of a book	reader

Configuration

Name	Value
UEModuleBookPDFBookExportTOC	'only-articles'
UEModuleBookPDFDefaultTemplate	'BlueSpice Book'
UEModuleBookPDFTemplatePath	'extensions/BlueSpiceUEModuleBookPDF/data/PDFTemplates'

Hooks

- [BSBookshelfGetBookData](#)
- [BSMigrateSettingsFromDeviatingNames](#)
- [BeforePageDisplay](#)
- [SkinTemplateOutputPageBeforeExec](#)

Reference:BlueSpiceUEModuleHTML

Extension\: BlueSpiceUEModuleHTML

Overview			
Description:	Enables export to HTML		
State:	stable	Dependency:	BlueSpice
Developer:	HalloWelt	License:	GPL-3.0-onlyProperty "BSExtensionInfoLicense" (as page type) with input value "</br>GPL-3.0-only" contains invalid characters or is incomplete and therefore can cause unexpected results during a query or annotation process.
Type:	BlueSpice	Category:	Export
Edition:	BlueSpice free, BlueSpice pro, BlueSpice Farm, BlueSpice Cloud		

Features

UEModuleHTML export an article to HTML format.

This module allows the [UniversalExport](#) to output wiki articles as HTML.

Some aspects of this extension can be configured on `Special:BlueSpiceConfigManager`, under section "Universal export HTML Module". Here wiki administrators can configure:

- Whether to Hide namespace prefix in HTML
- Path to templates directory

Technical Information

This information applies to BlueSpice 3 . Technical details for BlueSpice cloud can differ in some cases.

Requirements

MediaWiki: 1.31

BlueSpiceFoundation: 3.2

- BlueSpiceUniversalExport: 3.2

Integrates into

- BlueSpiceUniversalExport

Special pages

Configuration

Name	Value
UEModuleHTMLSuppressNS	false
UEModuleHTMLTemplatePath	'extensions/BlueSpiceUEModuleHTML/data/HTMLTemplates'

Hooks

- [BSMigrateSettingsFromDeviatingNames](#)

Reference:BlueSpiceUEModulePDF

Extension\: BlueSpiceUEModulePDF

Overview			
Description:	Enables MediaWiki to export pages into PDF format		
State:	stable	Dependency:	BlueSpice

Overview			
Developer:	HalloWelt	License:	GPL-3.0-onlyProperty "BSExtensionInfoLicense" (as page type) with input value "</br>GPL-3.0-only" contains invalid characters or is incomplete and therefore can cause unexpected results during a query or annotation process.
Type:	BlueSpice	Category:	Export
Edition:	BlueSpice free, BlueSpice pro, BlueSpice Farm, BlueSpice Cloud		

Features

BlueSpiceUEModulePDF enables the output of a wiki page as Adobe Portable Document Format (PDF).

The user chooses an export function in the widget bar:

- Single page
- Single page with linked pages
- Single page with subpages

Administrators can change the following setting in the [Configuration manager](#), under Function>Export or Extension>BlueSpiceUEModulePDF. Here wiki administrators can configure:

- *Hide namespace prefix in PDF*: The namespace is not shown for page titles in the PDF.

The wiki page can be printed to PDF in landscape format by adding the following tag anywhere in source view:

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

Technical Information

This information applies to BlueSpice 3 . Technical details for BlueSpice cloud can differ in some cases.

Requirements

MediaWiki: 1.31

BlueSpiceFoundation: 3.2

- BlueSpiceUniversalExport: 3.2

Integrates into

- BlueSpiceUniversalExport

Special pages

Permissions

Name	Description	Role
uemodulepdf-export	Export a page to PDF	reader
uemodulepdfrecursive-export	Export a page, including all linked pages, to PDF	reader
uemodulepdfsubpages-export	Export a page, including all sub pages, to PDF	reader

Configuration

Name	Value
UEModulePDFAllowPartialExport	false
UEModulePDFDefaultTemplate	'BlueSpice'
UEModulePDFPdfServiceURL	'http://127.0.0.1:8080/BShtml2PDF'
UEModulePDFSuppressNS	false
UEModulePDFTemplatePath	'extensions/BlueSpiceUEModulePDF/data/PDFTemplates'

Hooks

- [BSMigrateSettingsFromDeviatingNames](#)

Reference:BlueSpiceUEModulePDFRecursive

Extension\: BlueSpiceUEModulePDFRecursive

Overview			
Description:	Enables recursive export of pages into PDF format.		
State:	stable	Dependency:	BlueSpice
Developer:	HalloWelt	License:	GPL-3.0-onlyProperty "BSExtensionInfoLicense" (as page type) with input value "</br>GPL-3.0-only" contains invalid characters or is incomplete and therefore can cause unexpected results during a query or annotation process.
Type:	BlueSpice	Category:	Export
Edition:	BlueSpice pro, BlueSpice Farm, BlueSpice Cloud		

Features

UEModulePDFRecursive export an article and included links to PDF format.

- Starting from the page where the recursive export is called, this page and all internally linked wiki pages are output.
- Only the links on the source page will be included. Links to linked pages are ignored. The recursion depth is therefore 1.
- A link "Recursively export page" is inserted in the widget bar.

Technical Information

This information applies to BlueSpice 3 . Technical details for BlueSpice cloud can differ in some cases.

Requirements

MediaWiki: 1.31

BlueSpiceFoundation: 3.2

- BlueSpiceUniversalExport: 3.2

Integrates into

Special pages

Reference:BlueSpiceUEModulePDFSubpages

Extension: BlueSpiceUEModulePDFSubpages

Overview			
Description:	export an article and subpages to PDF format.		
State:	stable	Dependency:	BlueSpice
Developer:	HalloWelt	License:	GPL v3 only
Type:		Category:	Export
Edition:	BlueSpice pro, BlueSpice Farm, BlueSpice Cloud		

Features

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Description

UEModulePDFSubpages export an article and subpages to PDF.

Usage / Features

- Starting from the page where the recursive export is called, this page and all internally linked wiki pages are output.
- All subpages of the source page are taken, including subpages of subpages.
- A link "Export page with subpages" is inserted in the widget bar.

Technical information

Configuration

This extension offers no configurations.

Rights (permissions)

This extension does not require any special rights.

Requirements

UEModulePDFSubpages requires [BlueSpiceFoundation](#) and [UniversalExport](#).

User manual

UEModulePDFSubpages export an article and subpages to PDF. Read more on [UniversalExport](#).

Try free our BlueSpice

[BlueSpiceDemo](#).

Reference:BlueSpiceUEModuleTable2Excel

Extension\: BlueSpiceUEModuleTable2Excel

Overview			
Description:	Enables export to Excel formats and CSV		
State:	stable	Dependency:	BlueSpice

Overview			
Developer:	HalloWelt	License:	GPL-3.0-onlyProperty "BSExtensionInfoLicense" (as page type) with input value "</br>GPL-3.0-only" contains invalid characters or is incomplete and therefore can cause unexpected results during a query or annotation process.
Type:	BlueSpice	Category:	Infrastructure
Edition:	BlueSpice pro, BlueSpice Farm, BlueSpice Cloud		

Features

UEModuleTable2Excel enables export to Excel.

Technical Information

This information applies to BlueSpice 3 . Technical details for BlueSpice cloud can differ in some cases.

Requirements

MediaWiki: 1.31
BlueSpiceFoundation: 3.2

- BlueSpiceUniversalExport: 3.2

Integrates into

- BlueSpiceUniversalExport

Special pages