Contents

1. Manual:Extension/BlueSpiceBookshelf 14
2. Manual:Extension/BlueSpiceBookshelf/Customized PDF Output 27
3. Manual:Extension/BlueSpiceExtendedSearch 28
4. Manual:Extension/BlueSpicePageAssignments 38
5. Manual:Extension/ExtendedSearch 41
6. Reference:BlueSpiceBookshelf 41
7. Reference:BlueSpiceBookshelfUI 44

Manual:Extension/BlueSpiceBookshelf

A quality version of this page, approved on *1 October 2021*, was based off this revision.

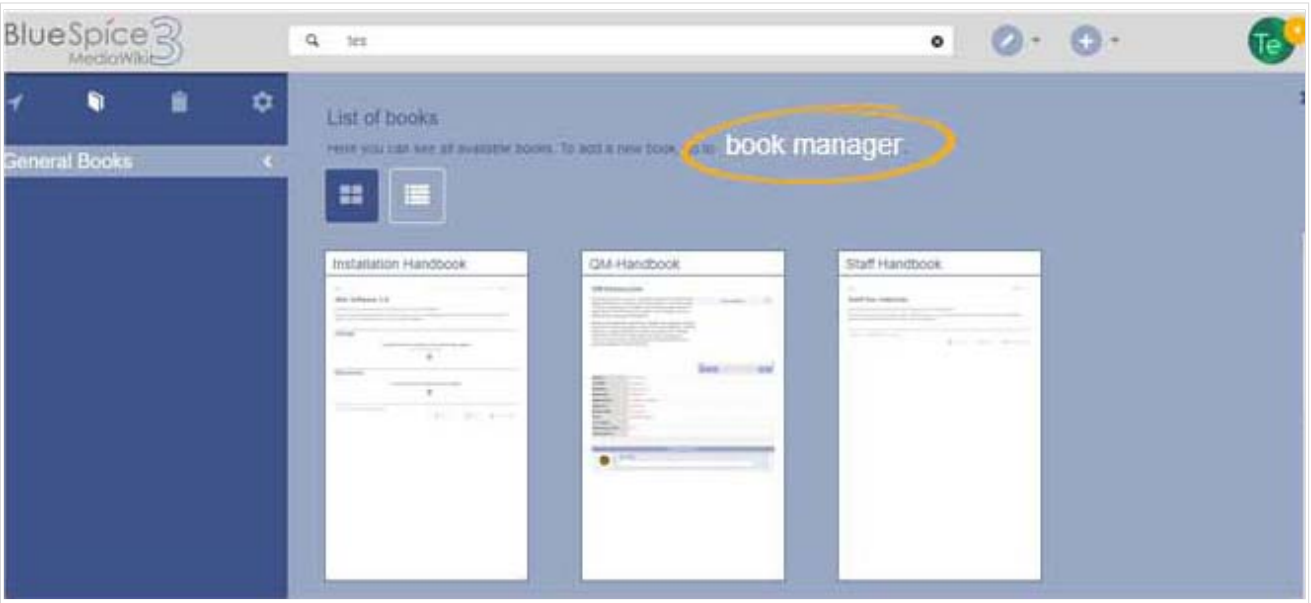
The extensions **Bookshelf** and **BookshelfUI** expand the BlueSpice distribution, combining wiki pages into a structured book with chapter navigation. These books can also be printed as a PDF file with a cover page and a clickable table of contents

Contents

1 Characteristics of books 16
2 Book manager 16
3 Creating a book 17
3.1 General books 18
3.2 Own books 18
3.3 Temporary books 18
4 The book editor 18
4.1 Mass-adding pages 19
4.2 Creating the chapter navigation 20
5 Editing a book 21
5.1 Inserting meta data 22
5.2 Adding a cover image 22
6 Exporting books 22
7 Configuration 23
7.1 Display options 23
7.1.1 Export options 25
7.2 Configuring the file size limits (server) 25
8 Deleting a book 25
9 Duplicating a book 26
10 Permissions 27
11 Tips for working with books 27
12 Related info 27

Characteristics of books

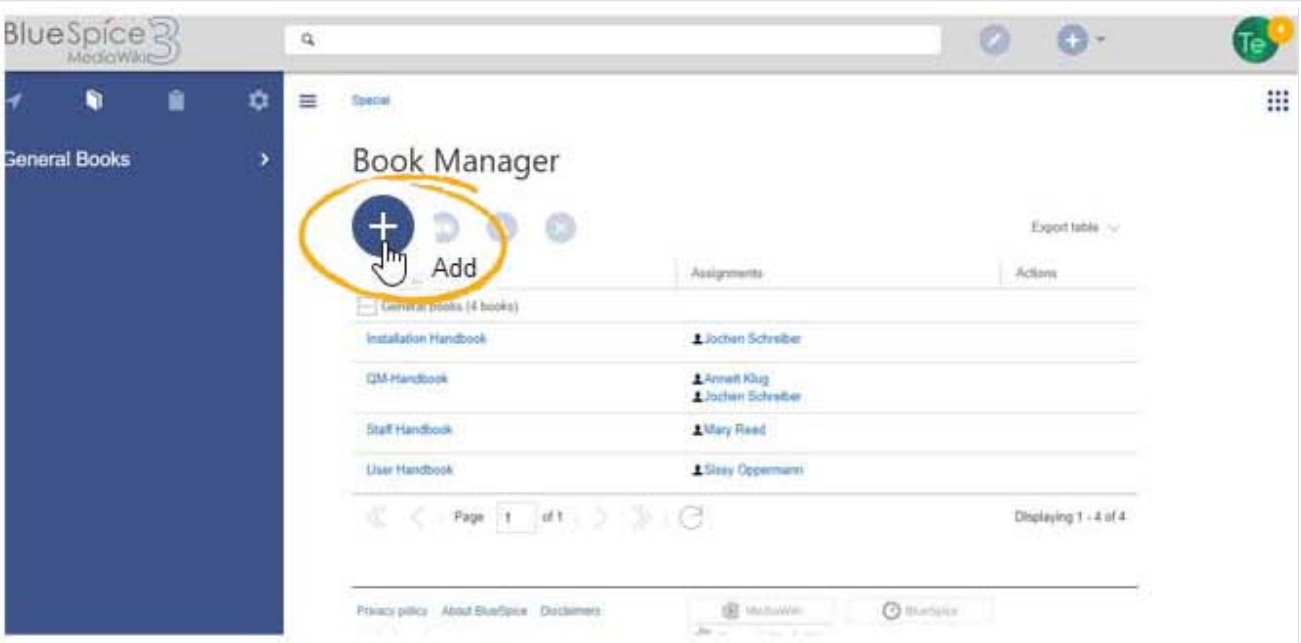
With BlueSpice Pro, you can assemble individual wiki pages into a book. In a book, you can read through a collection of pages in a linear fashion by moving through the book navigation. This is useful if you have lots of related pages that should be read in a particular order. And it makes it easy to write documentation and to comply with your documentation standards. All the books that are available on the wiki are accessible through the left navigation menu, tab "Books" with the book icon. Books are displayed as list or grid view. Clicking on a book opens the selected book. Once the book is opened, its chapter navigation appears in the left navigation.



Book list

Book manager

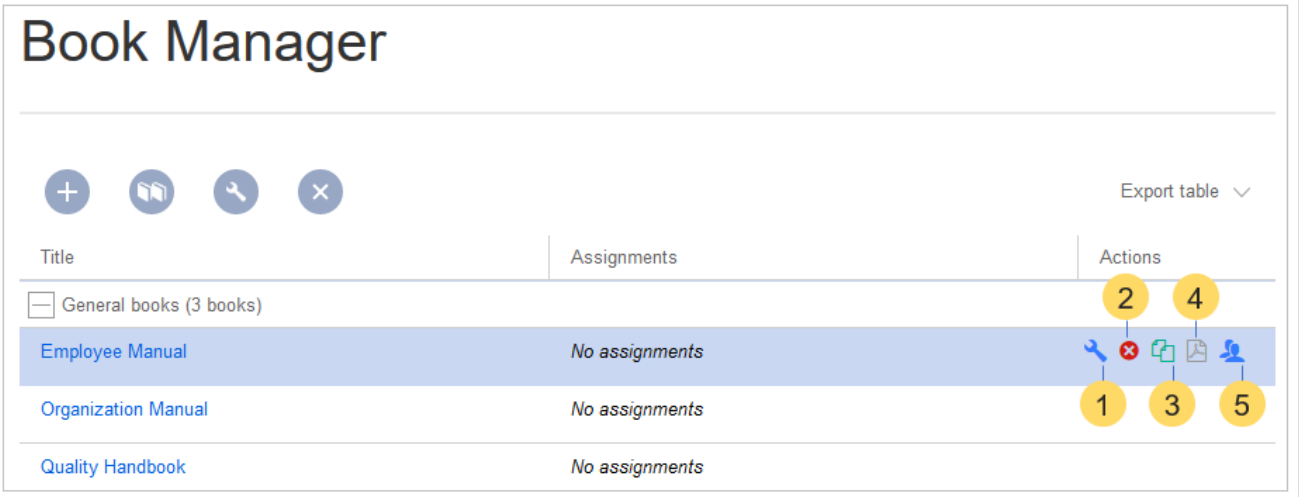
The menu item *Global Actions > Book manager* loads the page `Special:BookshelfBookManager`. Here, you can add a new book by clicking the *plus* button.



Book manager

You can take the following actions on a book:

- Editing a book (1): Links to the Book editor where you can edit the book contents and metadata.
- Deleting a book (2): Deletes the book page in the namespace *Book* **without** deleting the wiki pages.
- Duplicating a book (3): Duplicates this book, including all the pages of the book.
- Export (4): Exports the wiki pages in this book to PDF.
- Assign (5): Assigns the book to designated users.



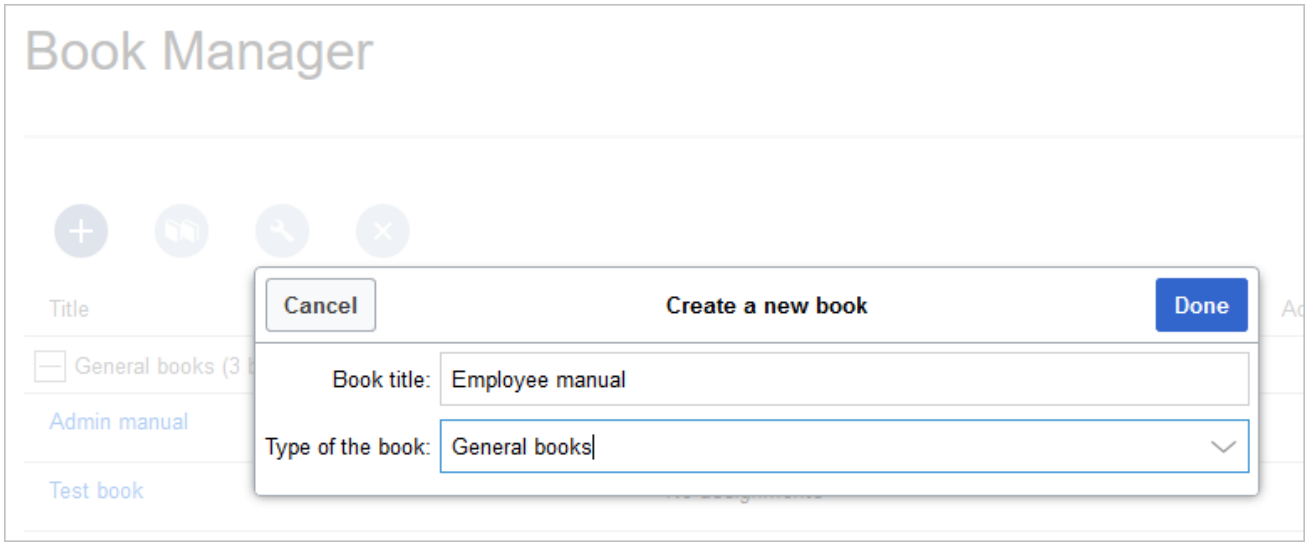
Actions in the book manager

Creating a book

To create a book:

1. **Go to** *Global actions > Book manager*.
2. **Select** the *Create (+)* button.

3. **Enter** a *Book title* and the *Type of the book*:
   - *General books*: Visible to all users. It should have a book navigation.
   - *Own books*: Books only visible to me.
4. **Click** *Done*.



General books

General books are visible to all users and are usually characterized by their additionally generated book navigation.

Own books

Own books are only visible in the book list to the book creator. You cannot create chapter navigation in the navigation bar for your own books. However, like general books, your own books can be exported as a PDF with a title page.

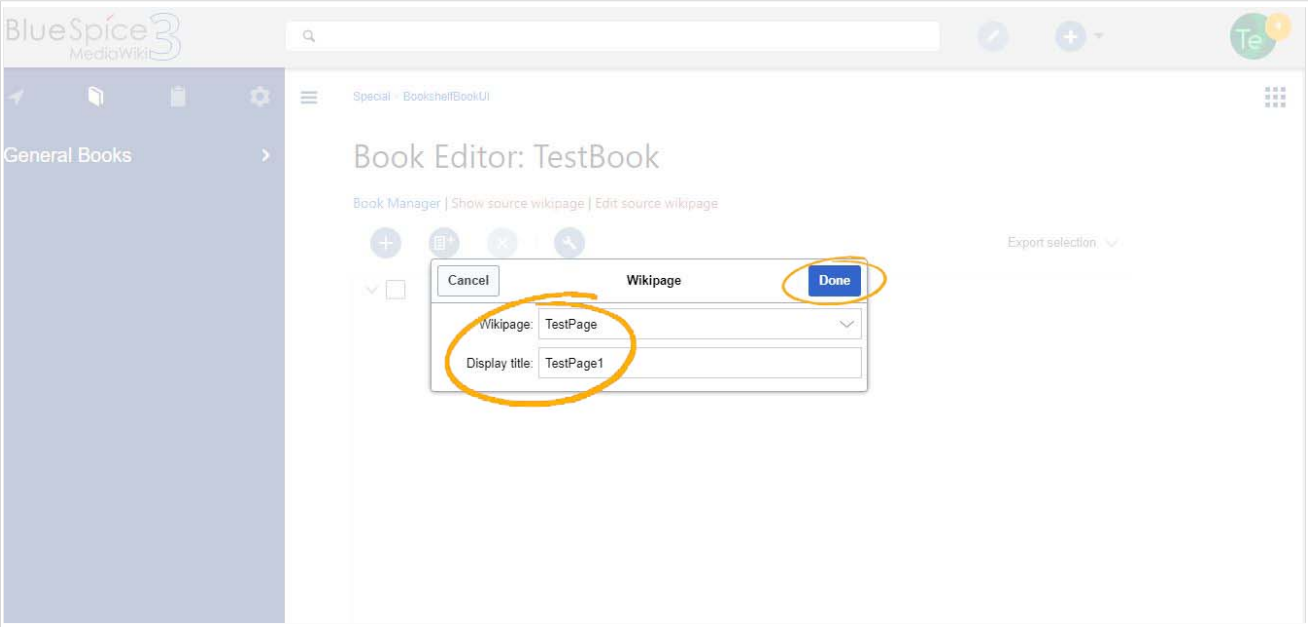
Temporary books

This selection is available to wiki users who are logged in or not logged into the wiki. These books are only temporarily stored in the user's browser and not in the wiki itself. If the browser cache is deleted or the user switches to another browser, the book is no longer available. The main aim of temporary books is to enable users to print out a book as a PDF.

A chapter navigation cannot, therefore, be created for temporary books.

The book editor

After that, the book editor opens. Here you can add pages to your book by clicking the *plus* button. A dialog opens, where you can select the pages you want to add to your book.You can also enter the name of a page that doesn't yet exist.



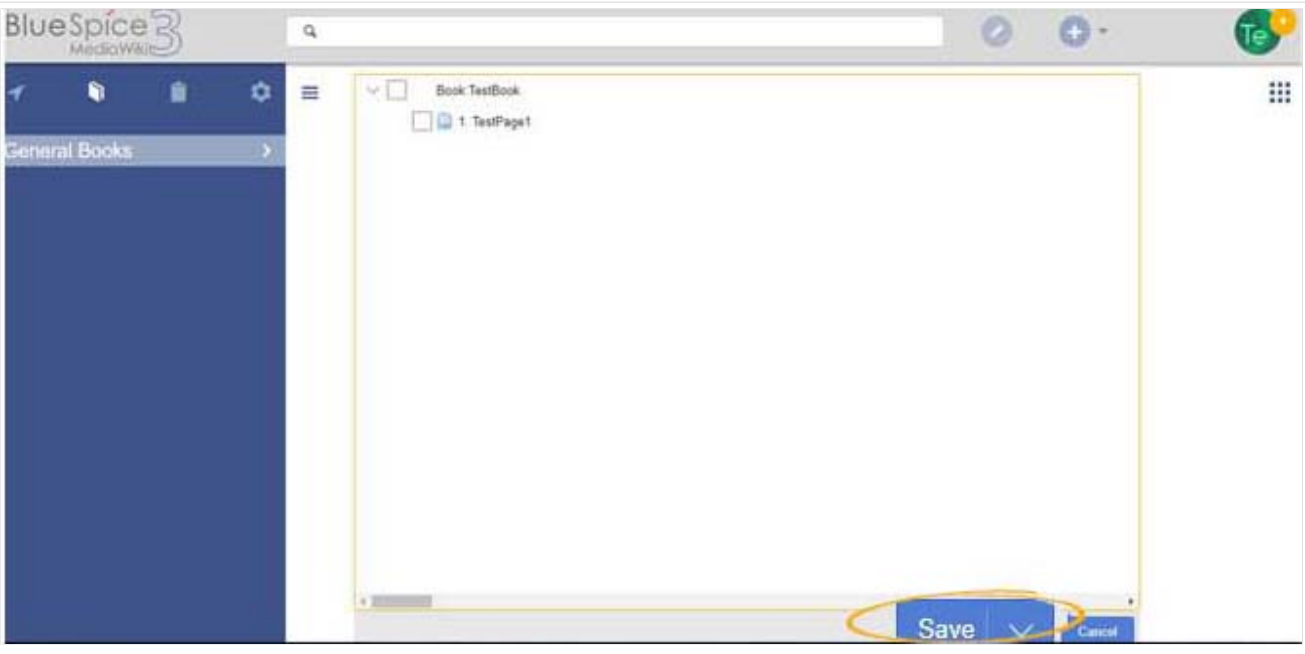
Adding a page to a book

Mass-adding pages

After clicking "Mass add", a dialog is opened. It contains different criteria for page selection:

- All pages of a category
- All subpages of a certain page
- From a page collection - page collections are lists of pages located in the MediaWiki namespace. They are usually created from search results.
- By a semantic property - pages can be selected based on the value of a certain semantic property.

After adding your book pages click Save at the bottom of the page. Now you have created a page in the namespace Book. It contains the list of pages that have been added to the book.

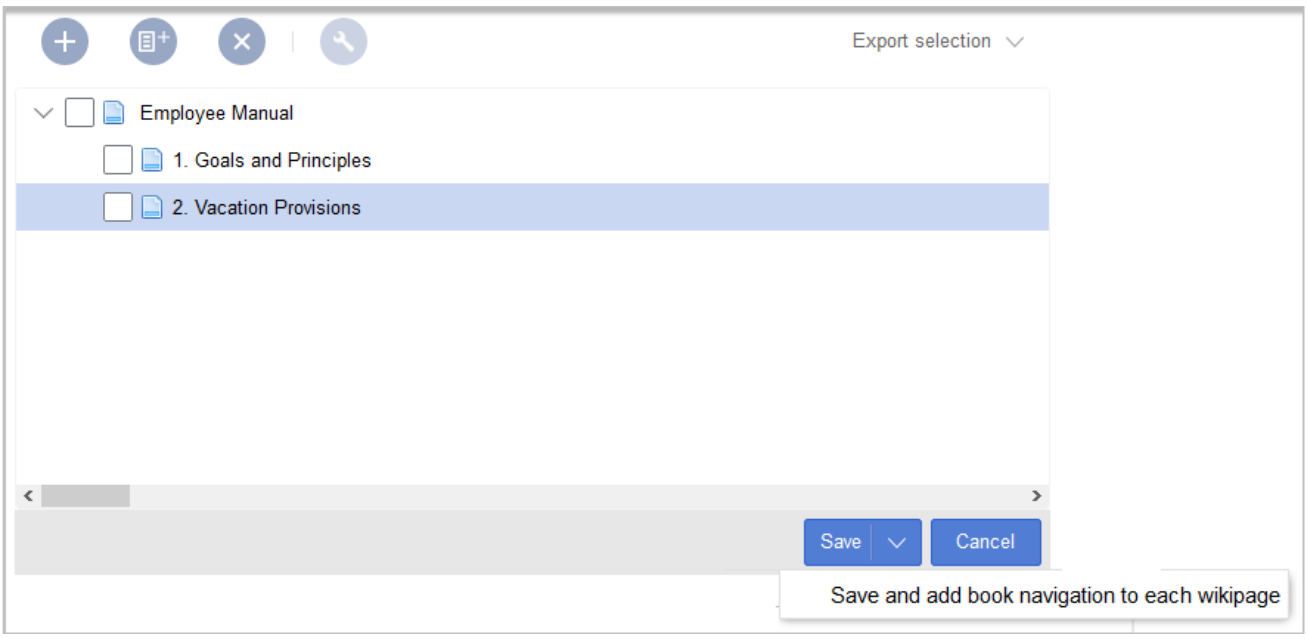


Saving the book page

Creating the chapter navigation

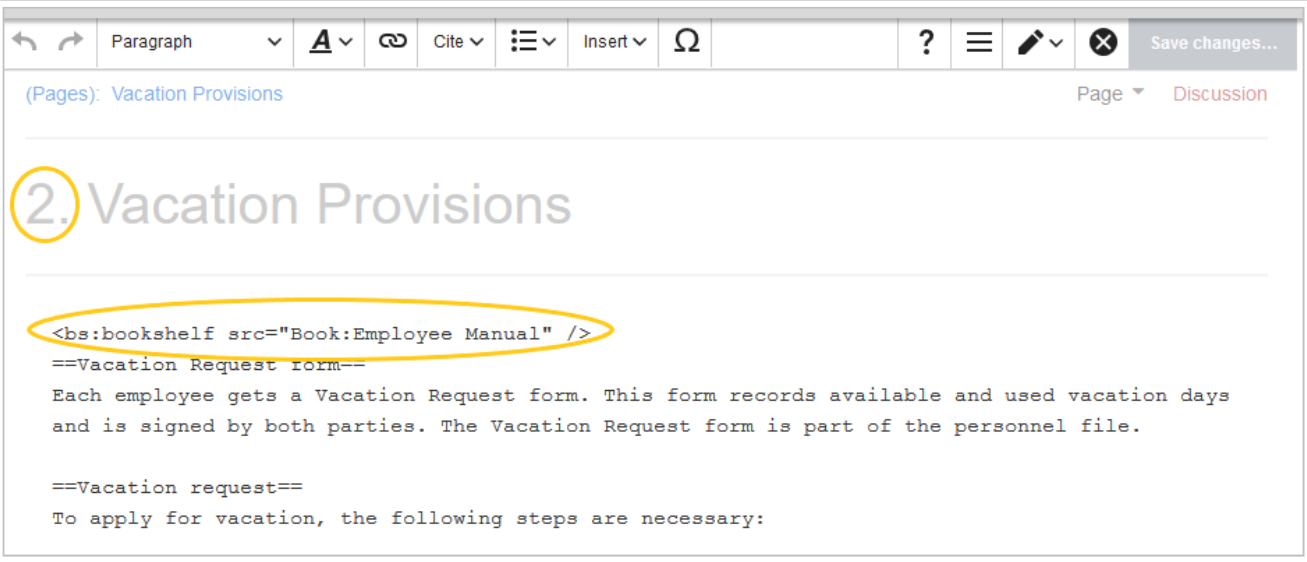
After saving a book page, you have created a wiki page in the namespace *Book* which contains a list of links to the wiki pages in the book. The chapter navigation is generated separately.

To add the chapter navigation, go back to the book page in the book manager. Clicking on the book title opens the book page in the book editor. Scroll down to the *Save* button and select the drop-down arrow. Click *Save and add book navigation to each wiki page*.



Create chapter navigation

This adds a bookshelf tag in the source code of all wiki pages that are part of this book. The tag, therefore, defines which book this page belongs to: `<bookshelf src="Book:EmployeeManual" />`.



Bookshelf tag in the source code

Note: If you later add more pages to a book, you have to generate the chapter navigation again. Without this step, the newly added pages will not have a bookshelf tag and therefore not be shown in the chapter navigation of the book. If you only added one or two new pages, you can also add the bookshelf tag manually to the source code of these new pages.

Important! Each wiki page can only be added to one book. If a page later is added to another book with chapter navigation, the page always leads to the chapter navigation of the book that last generated or updated its chapter navigation.

Editing a book

After you have created the book, click on the name of the book. This opens the *Book Editor*.

Editing a book is is similar to creating a new book regarding adding pages to the book. Pages can also be removed from a book by right-clicking on the page name and selecting *Delete from book* (this will not delete the wiki page itself). Chapters - and the general book structure - can be re-arranged by dragging and dropping pages in the book structure. By dragging and dropping Page A over Page B, Page A will be placed underneath Page B in the book hierarchy.

Book editor in BlueSpice 3.1

- **Book Manager** (1): Link to the main *Book manager* page (only up to v3.1).
- **Show source wikipage** (2): Opens the book navigation page in view mode (only up to v3.1)..
- **Edit source wikipage** (3): Opens the book navigation page in edit mode (only up to v3.1)..
- **Add page** (4): Button for adding a page.
- **Mass-add pages** (5): Button for adding a set of pages (by category, subpages of a page, page collection , or semantic property).
- **Remove page** (6): Removes the selected pages.
- **Manage metadata** (7): Add or remove metadata.
- **Export selection** (8): Exports the selected pages to a PDF file.
- **Book contents** (9): Shows all pages in the book hierarchy Pages can be arranged by drag-and-drop. A multi-level organization is possible.

Inserting meta data

While editing a book (adding or removing pages), meta-data for the book can be added. To edit metadata, select top-most node of the book (first page) and click the wrench icon. A dialog will be opened where various meta-data can be added or removed. Some of the most important meta-data include:

- Title
- Subtitle
- Author 1 and 2
- Document-ID
- Document type
- Department
- Version
- Template (PDF)
- Table of Contents (Only article titles, or Embed article TOCs)

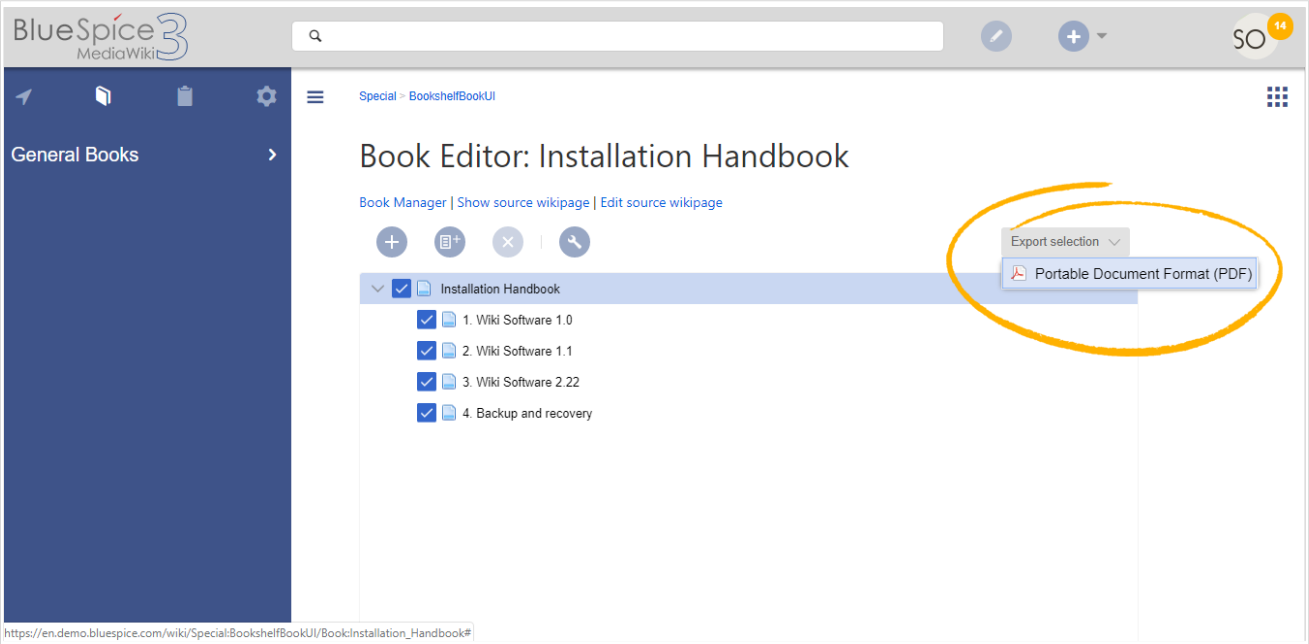
Adding a cover image

To add a cover photo for the book, add a metadata item *Bookshelf image*. Select this option from the dropdown and click *Add*. Once the meta data is added enter the name of the image in the value field. Any image currently uploaded to the wiki can be used. Type the name without the "File:" prefix (enter the image name and file extension).

Exporting books

You can export an entire book, individual chapters or single pages as PDF:

- Open the book in the book editor.
- Select all pages or chapters you want to export by clicking the associated checkboxes. Subchapters will be automatically selected.
- Clicking on the "Export selection" dropdown menu opens a list of availble formats. By clicking on one of the formats offered the book export starts.

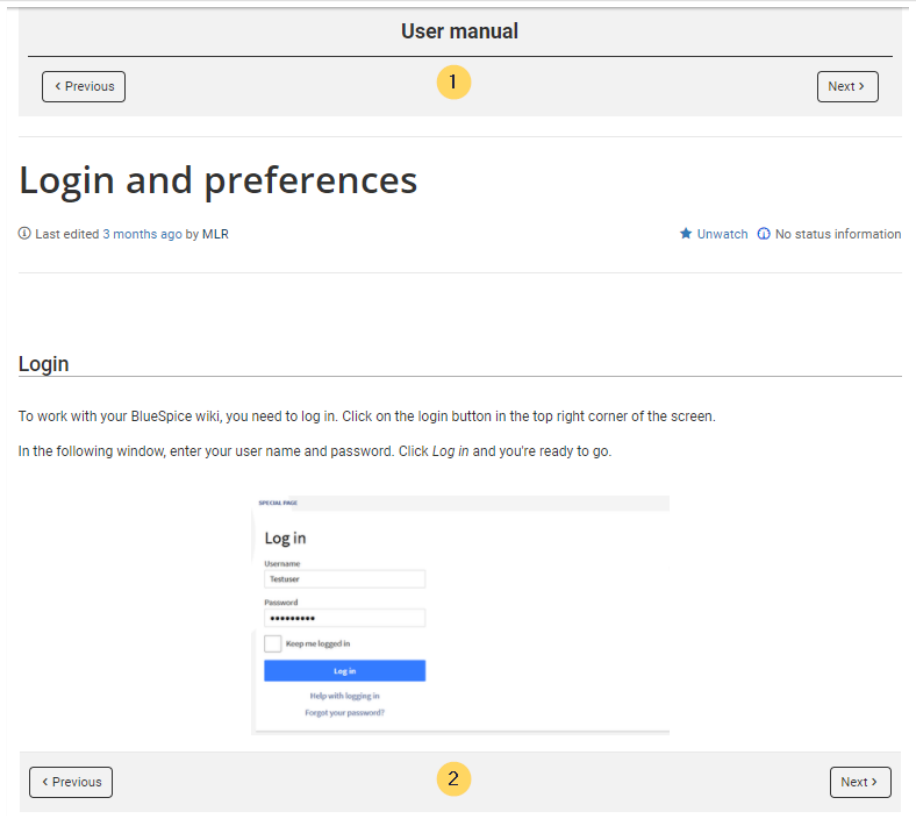


Book export

Configuration

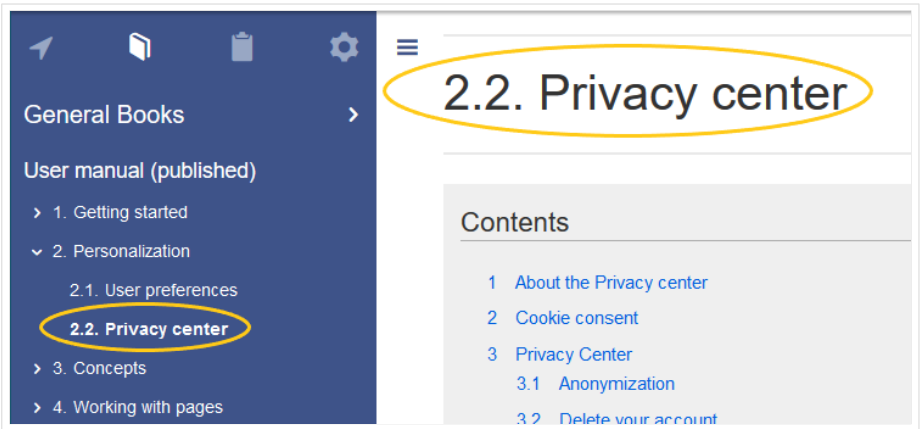
Display options

- **Show book chapter pager after content:** Displays previous/next book page navigation at the end of each book page. (1)
- **Show book chapter pager before content:** Displays previous/next book page navigation at the beginning of each book page. (2)



Book navigation

- **Use the display title from book source on article:** Shows the title from the book navigation as page title instead of the page name.



book display title

Note: If the page additionally contains a {{DISPLAYTITLE}} tag, the display title of the page is shown instead of the book title.

- Prepend article table of contents and headlines with book numberation
- Supress namespace prefix of book articles in output

Export options

Extension:DynamicPageList (DPL), version 3.3.2: Warning: No results.

Configuring the file size limits (server)

By default, the book export is limited to 50MB in file size. To adjust this value, complete the following steps:

1. In Apache Tomcat, open the file *web.xml*:

```
sudo -s
nano /opt/tomcat/webapps/manager/WEB-INF/web.xml
```

2. Look for the following lines and adjust the value (e.g. for 250MB=26214400)

```
<max-file-size>262144000</max-file-size>
<max-request-size>262144000</max-request-size>
```

3. The web app BShtml2PDF also has a setting that needs to be adjusted:

```
nano /opt/tomcat/webapps/BShtml2PDF/WEB-INF
```

4. Enter your values in the following lines:

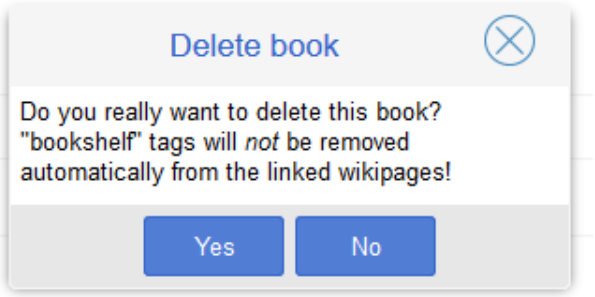
```
<param-name>maxMemSize</param-name> <param-value>26214400</param-value>
<param-name>maxFileize</param-name> <param-value>26214400</param-value>
```

5. Apache Tomcat neu starten

```
service tomcat restart
```

Deleting a book

When you delete a book, you only remove the book page in the namespace *Book* from the Book manager. The wiki pages in the book, however, are not deleted. Before you delete the book, you are informed in a pop-up menu that the bookshelf tag is not automatically removed from the pages:



The bookshelf tags have no effect on the wiki pages after deleting the book. If you want to remove them manually, you can go to the page *Special:ReplaceText* and do a find and replace to delete the booktag from the pages.

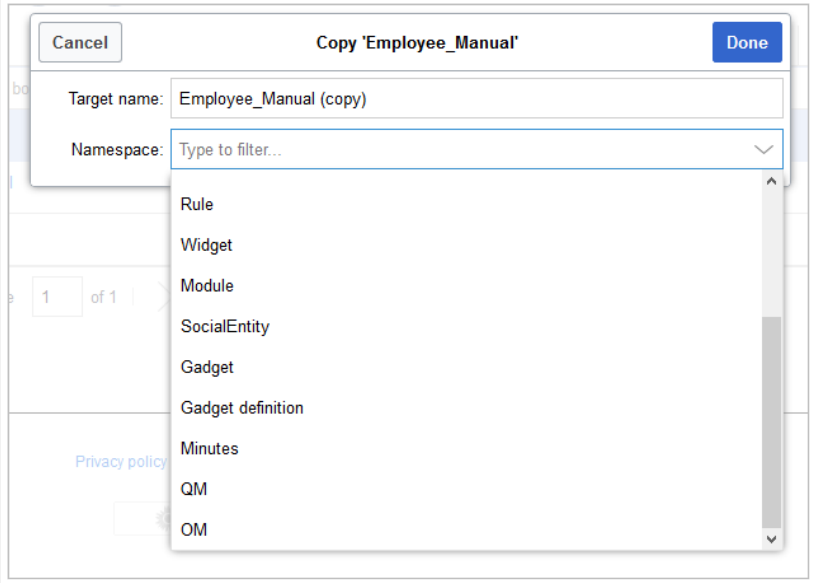
Duplicating a book

You can create an entire copy of the book by duplicating it:

To duplicate a book:

1. **Enter** a *target name*: The default vlaue is the book name with the suffix *(copy)*. Change this to create a different book title.
2. **Select** a *namespace*: Choose a namespace that is different from the original namespace.

If you are not careful, you might experience some unintended consequences. By creating a new book, you also create copies of all the wiki pages in the original book. Since a namespace cannot contain the same page twice, you have to copy the files to a different namespace.



Duplicating a book

About the duplicated files:

- **Book page:** A new page in the namespace book. If you don't enter a new title, the book will be created with the same title and the suffix *(Copy). E.g. Employee Manual (Copy).* This file includes a copy of the structure of your original book with the corresponding links to the duplicated pages in the new copy.

- **Wiki pages**: All pages contained in the original book are duplicated. The following scenarios are possible:
  - **Same namespace:** If you duplicate a book in the same namespace, no actual duplicates of the actual wiki are created. Instead, the bookshelf tag is updated to point to the copy of the book. For example, if your original book contains the page *HR:Quality assurance* (the book is in the namespace HR), the *Quality assurance* page now contains the bookshelf tag `<bs:bookshelf src="Book:Employee Manual (Copy)" />`.
  - **Different namespace**: If you create the book copy in a different namespace, the bookshelf tag in the original files remains unchanged. The new pages in the different namespace are created with a bookshelf tag for the new book copy. This is most likely the scenario you want.

Permissions

To create and edit books, users need *edit* rights in Book namespace. Additionally, a user can only add pages to the book that that user can read. If a user tries to export a book to PDF that contains pages for which the user does not have permissions, the user will get an error message.

Tips for working with books

- Use a competent team to decide on the content that should be transferred into an online book.
- Decide on how to handle existing numerations or references.
- Seize the opportunity: Get rid of unnecessary content (or don't include it in your book).
- Decide on standards for documents: When does it make sense to link documents in the wiki? When is is sensible to include the document's content into a wiki article?
- Decide on a fitting course of action: Do you want to create the articles in the wiki first, and compile them in a book structure afterwards, or do you want to create the book structure first, and create and edit the articles contained gradually?

Related info

> - Reference:BlueSpiceBookshelf
> - Reference:BlueSpiceBookshelfUI
> - Customizing page breaks

Books

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Characteristics of books

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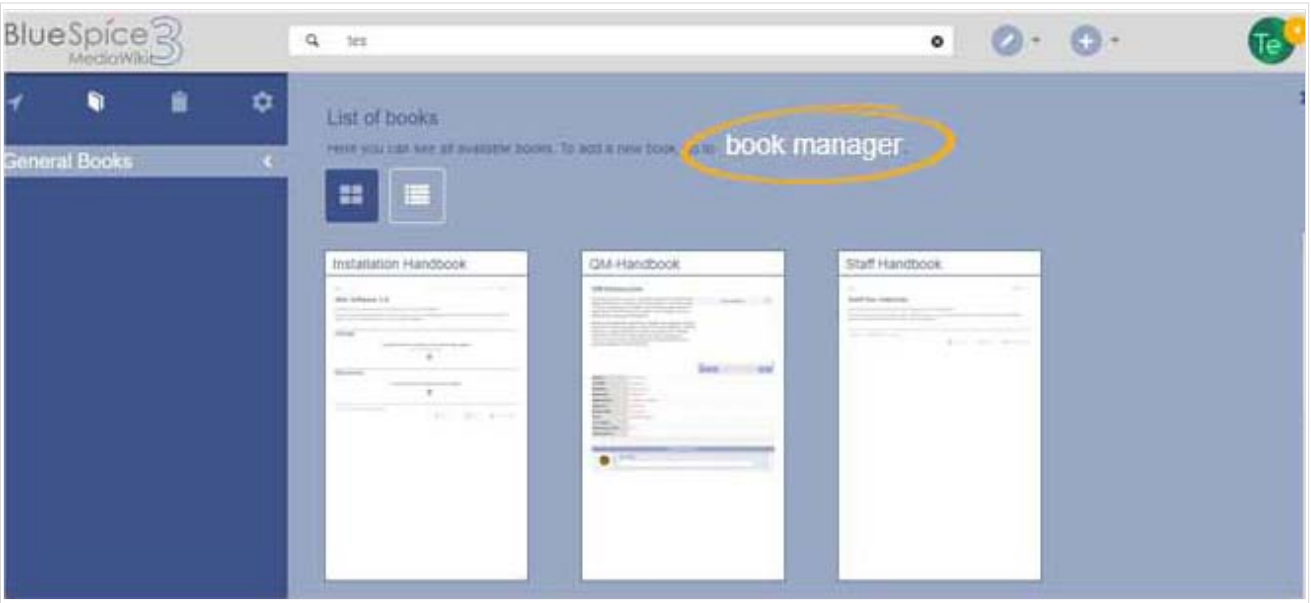

Book list

Book manager

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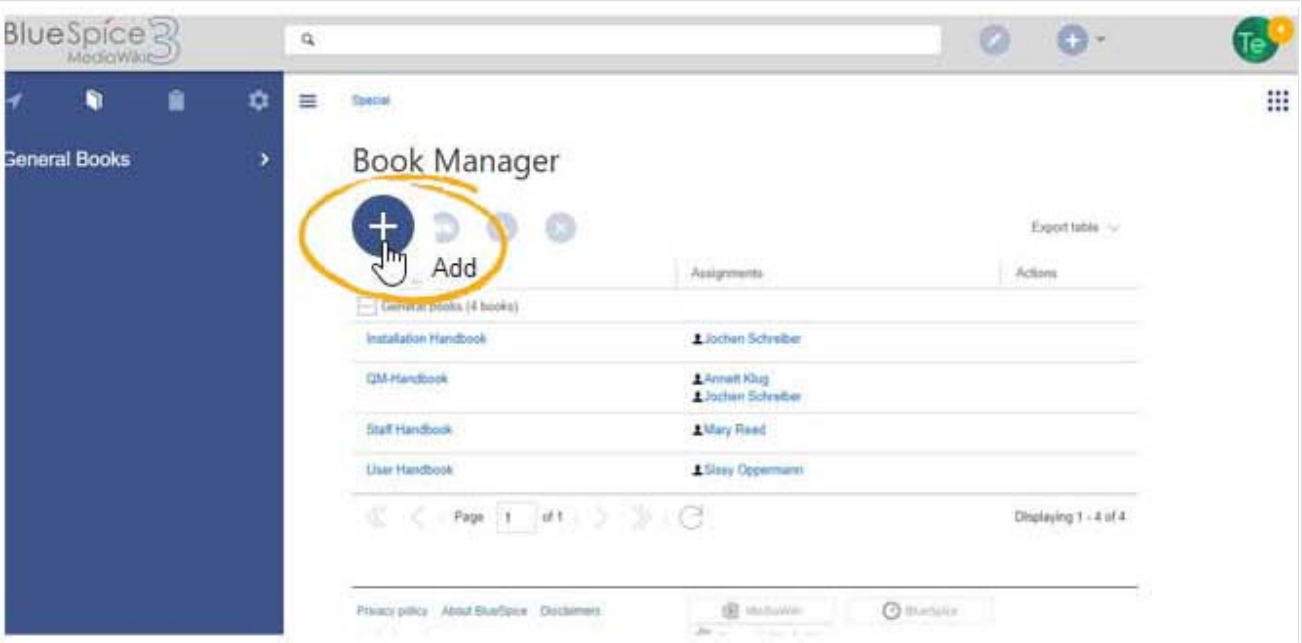

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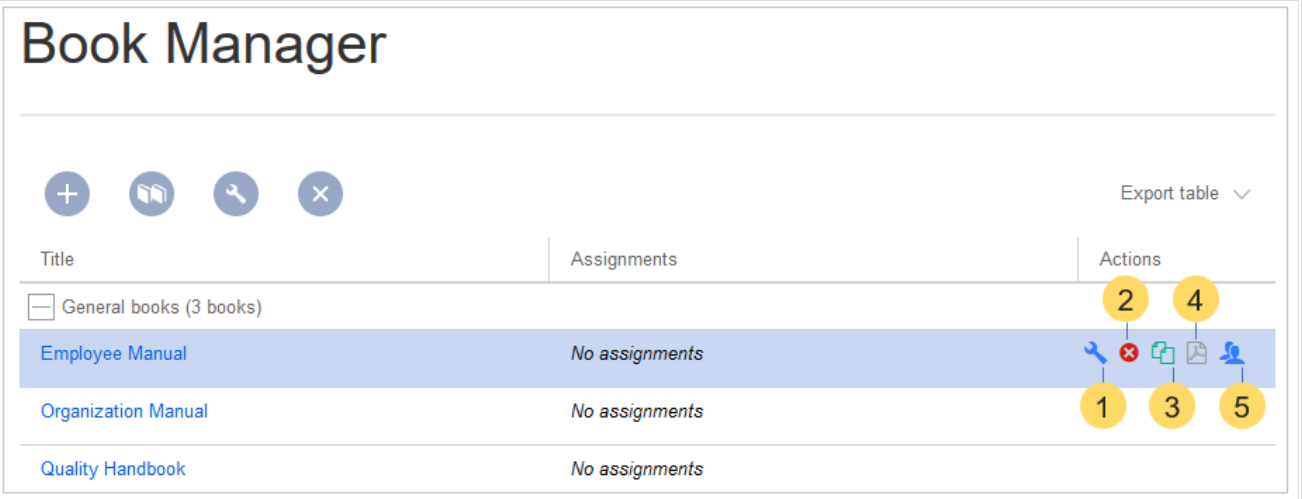


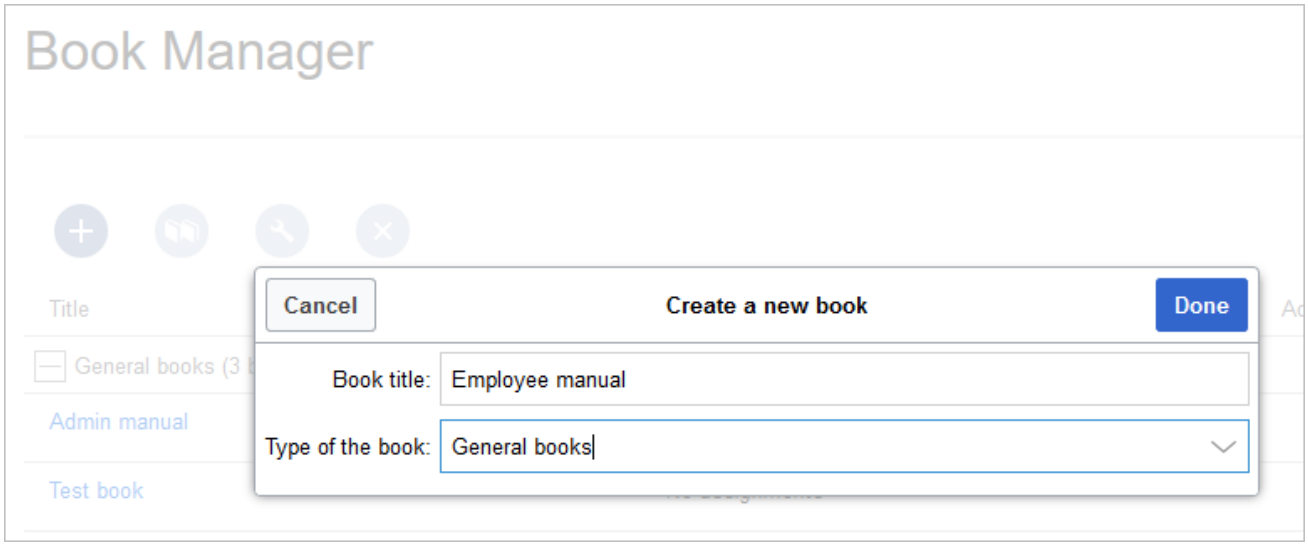
Actions in the book manager

Creating a book

To create a book:

1. **Go to** *Global actions > Book manager*.
2. **Select** the *Create (+)* button.

3. **Enter** a *Book title* and the *Type of the book*:
   - *General books*: Visible to all users. It should have a book navigation.
   - *Own books*: Books only visible to me.
4. **Click** *Done*.



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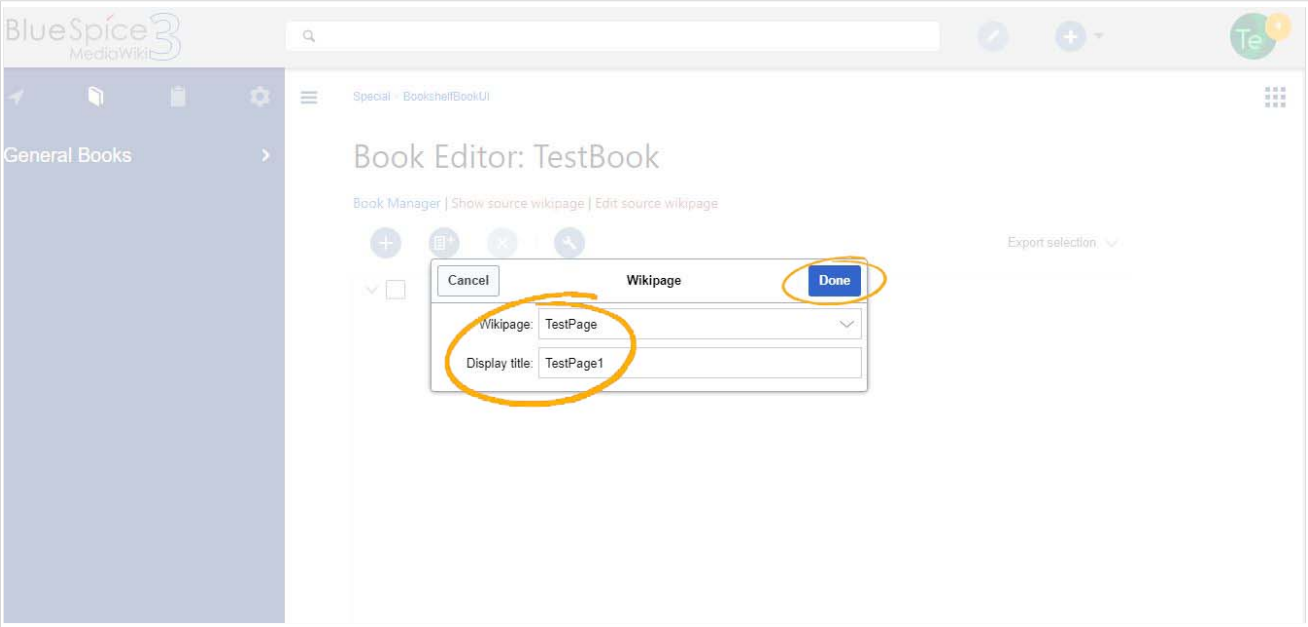

Adding a page to a book

Mass-adding pages

After clicking "Mass add", a dialog is opened. It contains different criteria for page selection:

- All pages of a category
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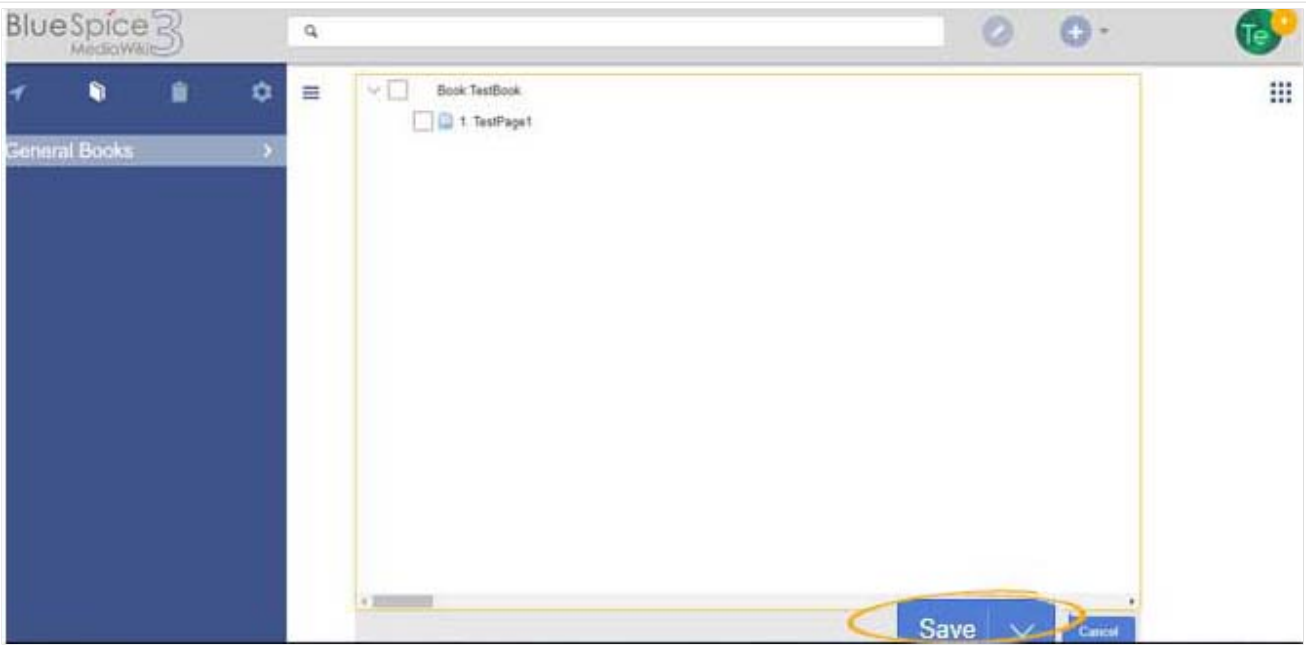
- From a page collection - page collections are lists of pages located in the MediaWiki namespace. They are usually created from search results.
- By a semantic property - pages can be selected based on the value of a certain semantic property.

After adding your book pages click Save at the bottom of the page. Now you have created a page in the namespace Book. It contains the list of pages that have been added to the book.

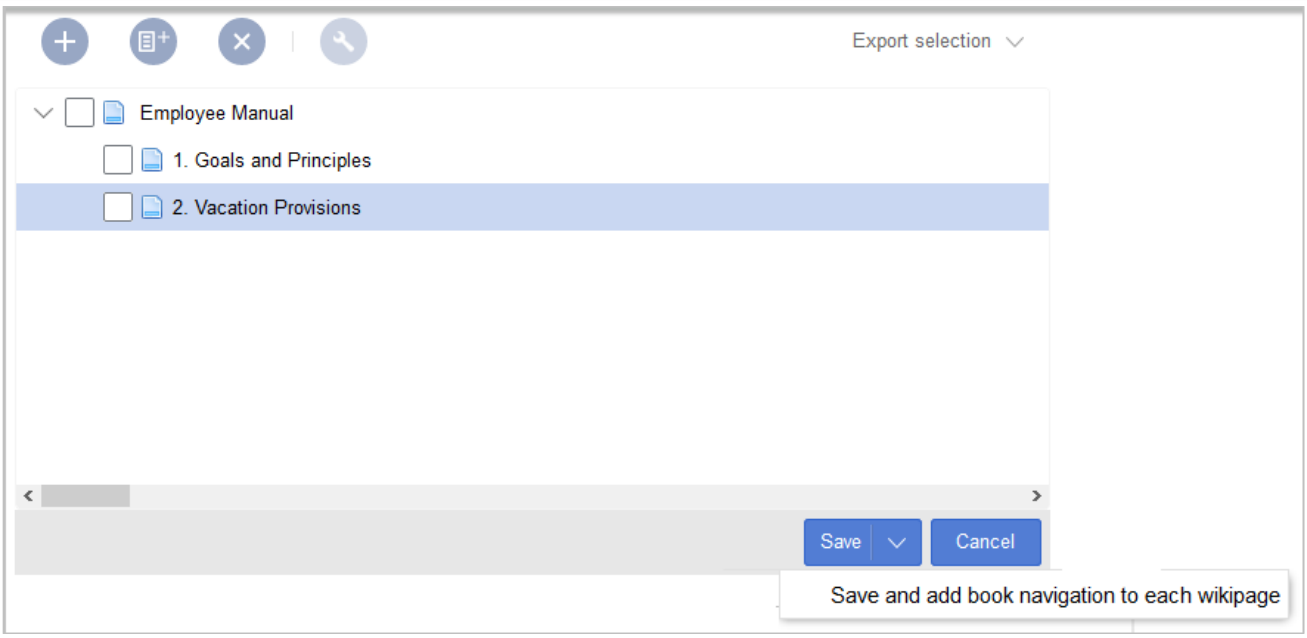


Saving the book page

Creating the chapter navigation

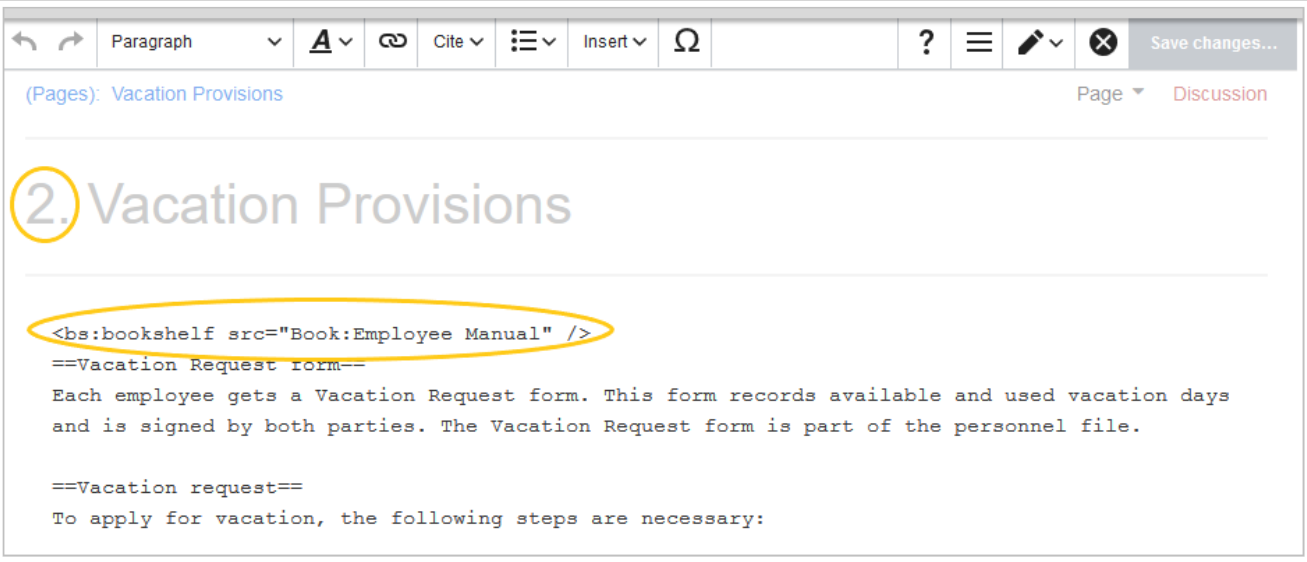
After saving a book page, you have created a wiki page in the namespace *Book* which contains a list of links to the wiki pages in the book. The chapter navigation is generated separately.

To add the chapter navigation, go back to the book page in the book manager. Clicking on the book title opens the book page in the book editor. Scroll down to the *Save* button and select the drop-down arrow. Click *Save and add book navigation to each wiki page*.



Create chapter navigation

This adds a bookshelf tag in the source code of all wiki pages that are part of this book. The tag, therefore, defines which book this page belongs to: `<bookshelf src="Book:EmployeeManual" />`.



Bookshelf tag in the source code

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- **Manage metadata** (7): Add or remove metadata.
- **Export selection** (8): Exports the selected pages to a PDF file.
- **Book contents** (9): Shows all pages in the book hierarchy Pages can be arranged by drag-and-drop. A multi-level organization is possible.

Inserting meta data

While editing a book (adding or removing pages), meta-data for the book can be added. To edit metadata, select top-most node of the book (first page) and click the wrench icon. A dialog will be opened where various meta-data can be added or removed. Some of the most important meta-data include:

- Title
- Subtitle
- Author 1 and 2
- Document-ID
- Document type
- Department
- Version
- Template (PDF)
- Table of Contents (Only article titles, or Embed article TOCs)

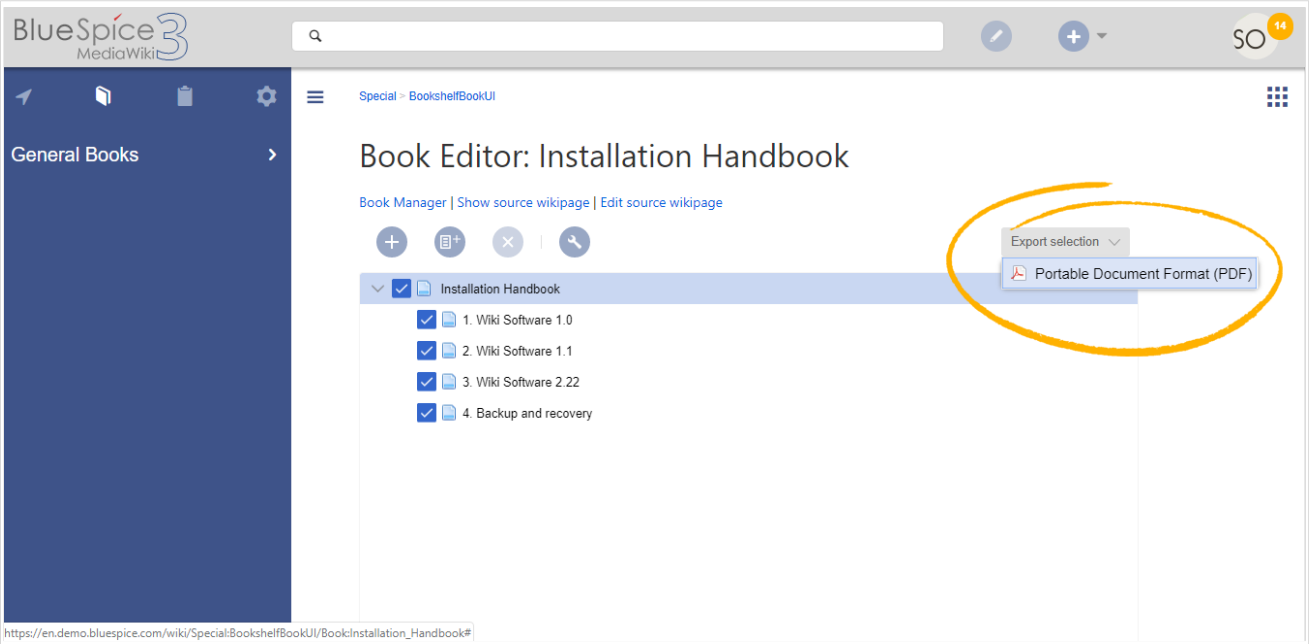
Adding a cover image

To add a cover photo for the book, add a metadata item *Bookshelf image*. Select this option from the dropdown and click *Add*. Once the meta data is added enter the name of the image in the value field. Any image currently uploaded to the wiki can be used. Type the name without the "File:" prefix (enter the image name and file extension).

Exporting books

You can export an entire book, individual chapters or single pages as PDF:

- Open the book in the book editor.
- Select all pages or chapters you want to export by clicking the associated checkboxes. Subchapters will be automatically selected.
- Clicking on the "Export selection" dropdown menu opens a list of availble formats. By clicking on one of the formats offered the book export starts.

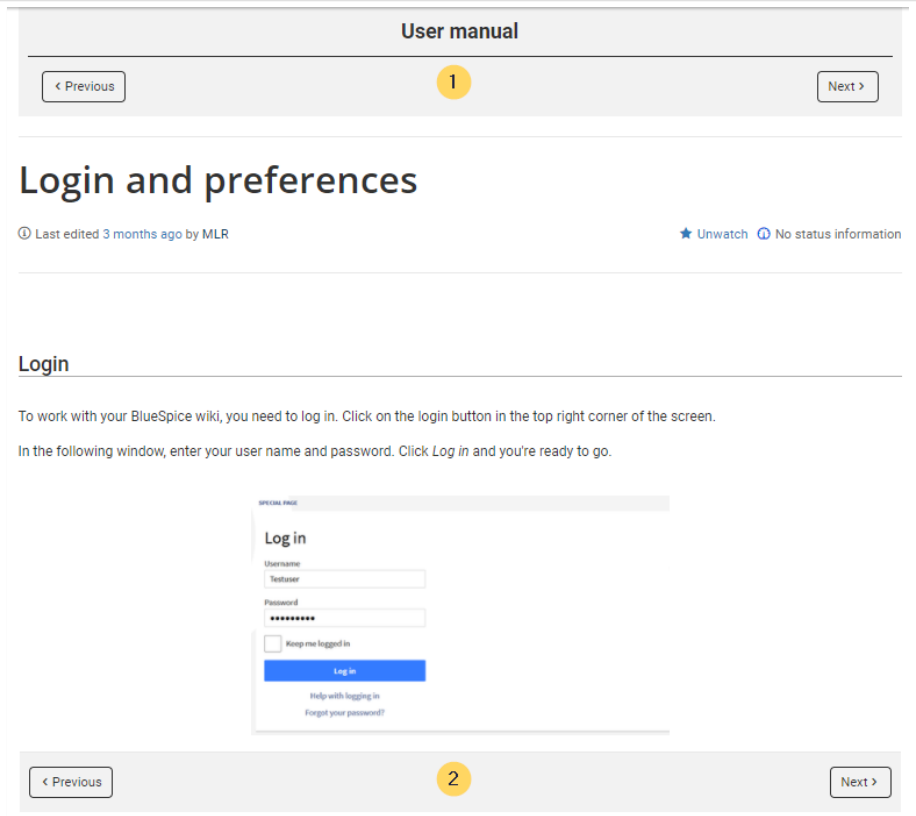


Book export

Configuration

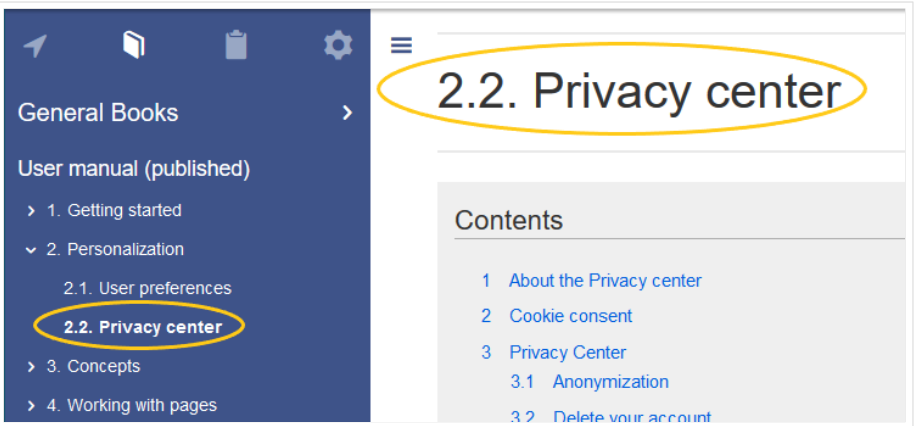
Display options

- **Show book chapter pager after content:** Displays previous/next book page navigation at the end of each book page. (1)
- **Show book chapter pager before content:** Displays previous/next book page navigation at the beginning of each book page. (2)



Book navigation

- **Use the display title from book source on article:** Shows the title from the book navigation as page title instead of the page name.



book display title

> **Note:** If the page additionally contains a {{DISPLAYTITLE}} tag, the display title of the page is shown instead of the book title.

- Prepend article table of contents and headlines with book numberation
- Supress namespace prefix of book articles in output

Export options

Extension:DynamicPageList (DPL), version 3.3.2: Warning: No results.

Configuring the file size limits (server)

By default, the book export is limited to 50MB in file size. To adjust this value, complete the following steps:

1. In Apache Tomcat, open the file *web.xml*:

```
sudo -s
nano /opt/tomcat/webapps/manager/WEB-INF/web.xml
```

2. Look for the following lines and adjust the value (e.g. for 250MB=26214400)

```
<max-file-size>262144000</max-file-size>
<max-request-size>262144000</max-request-size>
```

3. The web app BShtml2PDF also has a setting that needs to be adjusted:

```
nano /opt/tomcat/webapps/BShtml2PDF/WEB-INF
```

4. Enter your values in the following lines:

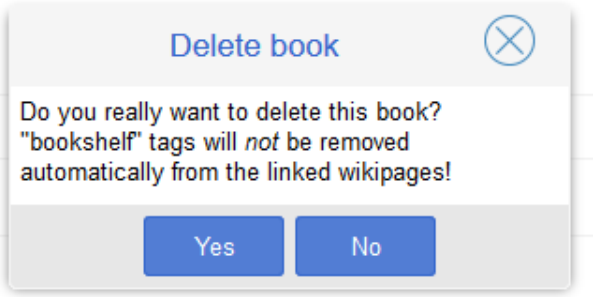
```
<param-name>maxMemSize</param-name> <param-value>26214400</param-value>
<param-name>maxFileize</param-name> <param-value>26214400</param-value>
```

5. Apache Tomcat neu starten

```
service tomcat restart
```

Deleting a book

When you delete a book, you only remove the book page in the namespace *Book* from the Book manager. The wiki pages in the book, however, are not deleted. Before you delete the book, you are informed in a pop-up menu that the bookshelf tag is not automatically removed from the pages:



The bookshelf tags have no effect on the wiki pages after deleting the book. If you want to remove them manually, you can go to the page *Special:ReplaceText* and do a find and replace to delete the booktag from the pages.

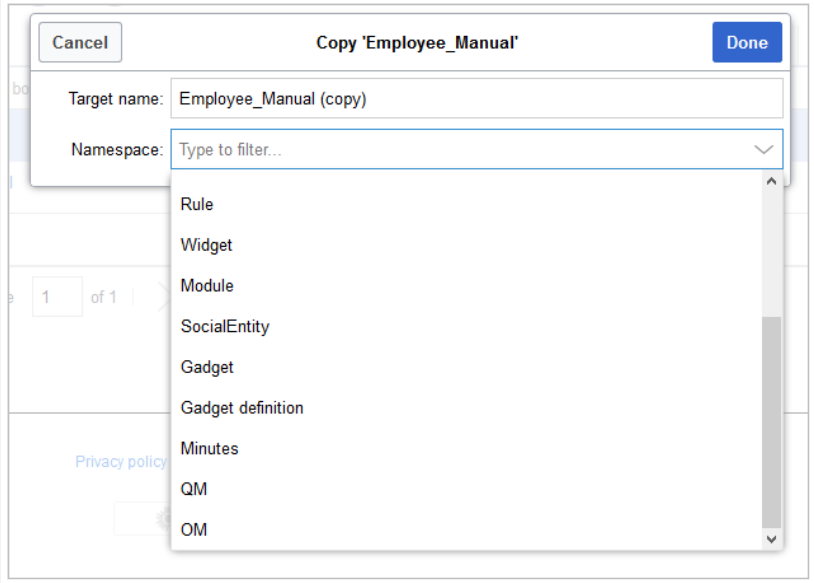
Duplicating a book

You can create an entire copy of the book by duplicating it:

To duplicate a book:

1. **Enter** a *target name*: The default vlaue is the book name with the suffix *(copy)*. Change this to create a different book title.
2. **Select** a *namespace*: Choose a namespace that is different from the original namespace.

If you are not careful, you might experience some unintended consequences. By creating a new book, you also create copies of all the wiki pages in the original book. Since a namespace cannot contain the same page twice, you have to copy the files to a different namespace.



Duplicating a book

About the duplicated files:

- **Book page:** A new page in the namespace book. If you don't enter a new title, the book will be created with the same title and the suffix *(Copy). E.g. Employee Manual (Copy).* This file includes a copy of the structure of your original book with the corresponding links to the duplicated pages in the new copy.

- **Wiki pages**: All pages contained in the original book are duplicated. The following scenarios are possible:
  - **Same namespace:** If you duplicate a book in the same namespace, no actual duplicates of the actual wiki are created. Instead, the bookshelf tag is updated to point to the copy of the book. For example, if your original book contains the page *HR:Quality assurance* (the book is in the namespace HR), the *Quality assurance* page now contains the bookshelf tag `<bs:bookshelf src="Book:Employee Manual (Copy)" />`.
  - **Different namespace**: If you create the book copy in a different namespace, the bookshelf tag in the original files remains unchanged. The new pages in the different namespace are created with a bookshelf tag for the new book copy. This is most likely the scenario you want.

Permissions

To create and edit books, users need *edit* rights in Book namespace. Additionally, a user can only add pages to the book that that user can read. If a user tries to export a book to PDF that contains pages for which the user does not have permissions, the user will get an error message.

Tips for working with books

- Use a competent team to decide on the content that should be transferred into an online book.
- Decide on how to handle existing numerations or references.
- Seize the opportunity: Get rid of unnecessary content (or don't include it in your book).
- Decide on standards for documents: When does it make sense to link documents in the wiki? When is is sensible to include the document's content into a wiki article?
- Decide on a fitting course of action: Do you want to create the articles in the wiki first, and compile them in a book structure afterwards, or do you want to create the book structure first, and create and edit the articles contained gradually?

Related info

> - Reference:BlueSpiceBookshelf
> - Reference:BlueSpiceBookshelfUI
> - Customizing page breaks

Customized PDF Output

A quality version of this page, approved on *11 January 2021*, was based off this revision.

How to adjust page breaks in multi-page PDFs.

Adjusting page breaks

By default, each chapter and sub-chapter in a Book-PDF is started on a new page. To avoid these page breaks and to create a continuous chapter flow, an administrator can add the following code to the page MediaWiki:Common.css:

```
/*PDF book  - no page breaks between chapters*/
.bs-page-content { page-break-after: avoid; }
```

If you want to start the main chapters on separate pages, use this code instead:

```
/*PDF book  - page break only after chapter levl 1 */
.bs-page-content { page-break-after: avoid; }
.bs-page-content.booklevel-1 { page-break-before: always; }
```

You can add further chapter levels as needed:

```
/*PDF book - page breaks after chapter levels 1 and 2*/
.bs-page-content { page-break-after: avoid; }
.bs-page-content.booklevel-1, .bs-page-content.booklevel-2 { page-break-before: always;
 }
```

Extended search

A quality version of this page, approved on *26 April 2021*, was based off this revision.

ExtendedSearch replaces the default MediaWiki search engine. It is based on the Elasticsearch engine and provides many improvements over standard MediaWiki search both in terms of quality of indexed content and user interface. Pages and files are indexed immediately and available for searching in real-time.

Contents

1 Usage 30
2 Autocomplete 30
2.1 Namespace and subpage "pills" 31
2.2 Configuration 31
2.3 Search operators 31
2.4 Dates as search terms 32
3 Search Center (extended search) 32
3.1 Search operators 33

3.2 Elements 33
3.2.1 Results relevance 35
3.2.2 Exporting search results 35
4 Configuration 36
5 SearchAdmin 37
6 Related info 38

Usage

Extended search offers two ways of searching for content:

1. **Title search** using the quick search
2. **Fulltext search** using the search center

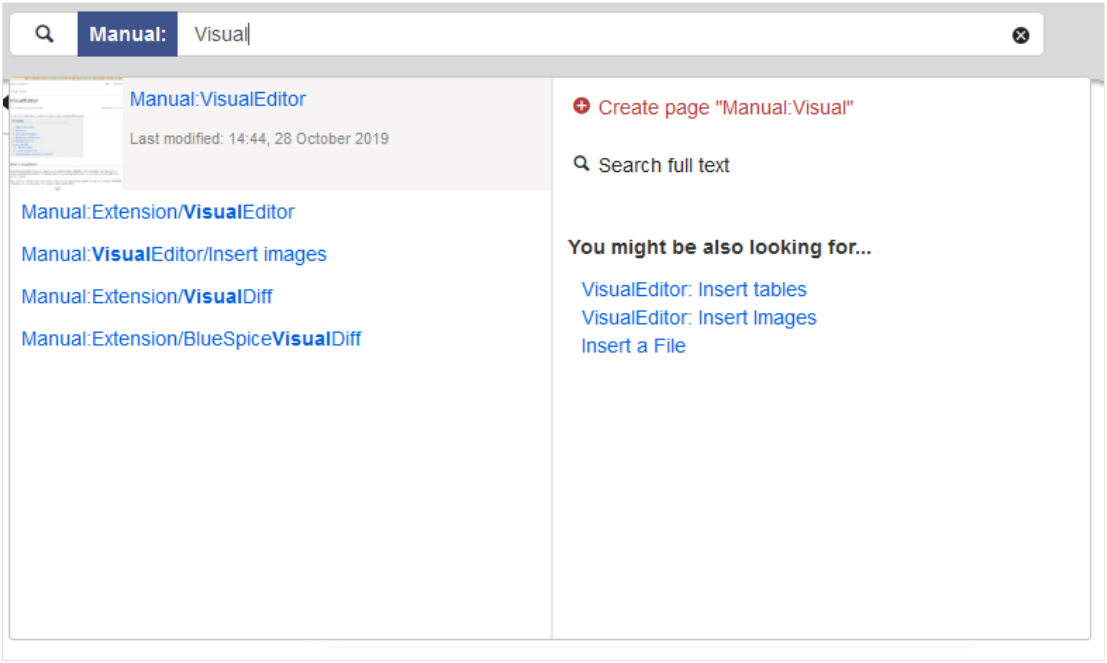
By default, the search indexes:

- wiki pages: all content pages, except for pages in the MediaWiki namespace
- special pages: all pages in the namespace *Special*
- repo files: files uploaded to the wiki - for text files like Word documents and PDFs, this includes content and metadata
- external files: files from arbitrary locations from accessible storage paths (e.g., mounted drives)
- social entities: entities (pages) created by the BlueSpiceSocial extension, like blog posts and user profiles

Autocomplete

The search box in the main toolbar offers with autocomplete functionality is available from any page on the wiki. Autocomplete matches only page and file titles, but does not provide a full-text serach.

After typing in the search bar, an autocomplete popup appears:



Autocomplete popup

This popup is divided in two columns.

Left column:

- **Primary results:** These are the results that are direct matches for the search term. The exact matches are shown in bold letters.

- When looking for the term "quality management", it is also possible to type in "qual man" and the search starts looking for matches
- The best match is often shown with a thumbnail preview as a top search result

Right column:

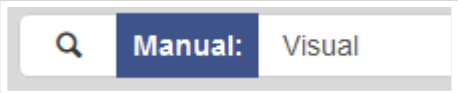
- T**ools and secondary results:** Tools are displayed in the top portion of the right column and contain:
  - a button to create the page with the current search term as the title (only if user has permission to create new pages)
  - a button to execute full-text search for the current term. Selecting this option leads to the Search Center.

In the bottom portion of the right column, secondary results are displayed. Secondary results are matches that do not directly match the given term, but might be relevant for the user. These show up only in certain contexts:

- If there are significantly more matches for a similar term than the term actually searched for (in a situation of a typo for example)
- If the namespace or subpage pill is present (see next section). In this case, secondary results will show direct matches in other namespaces/pages.

Namespace and subpage "pills"

Autocomplete search bar supports pills for namespaces and subpages.



Namespace "pill"

If a user types `Manual:`, a pill for the namespace "Manual" appears and the search for the following term is limited to this namespace. . Subpage pills work in the same way. If the user types in `PageName/`, any term after that is matched in the context of that page. If you search for "TestPage/Te", for example, the search will match only subpages of "TestPage" that contain "Te" in the title, like "TestPage/Test" and "TestPage/TestSubpage".

Configuration

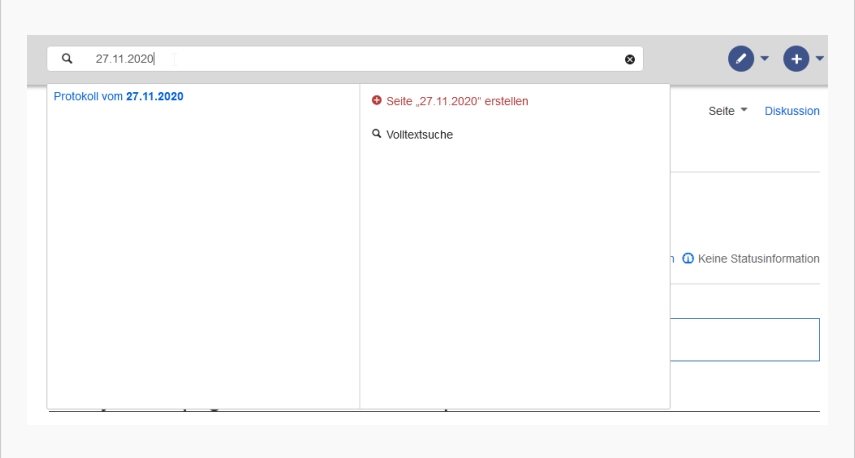
Previously explained is the full version of the autocomplete popup. Wiki admins can also choose to use "Simple autocomplete", which contains only one column with primary results and tools, without secondary results. This type of autocomplete is also more compact. This setting is available from BlueSpiceConfigManager, under *Extension > BlueSpiceExtendedSearch > Use simple autocomplete*.

Search operators

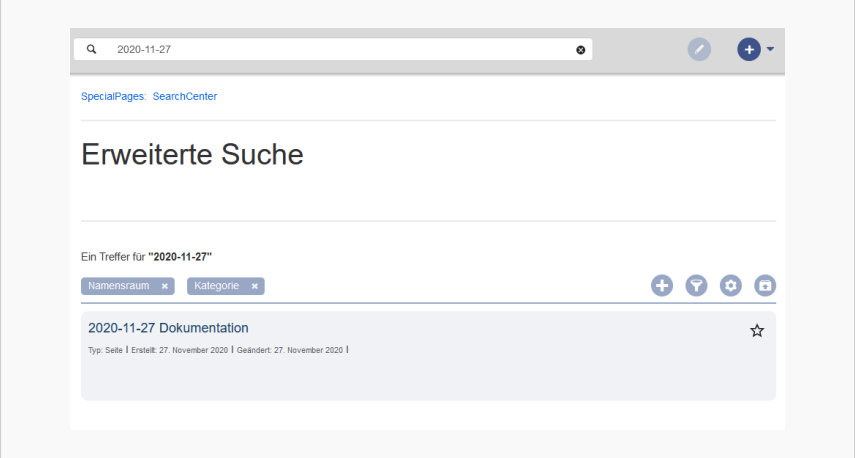
Since the autocomplete search only searches for titles, search operators such as AND or OR are not supported. However, they are supported using the Search Center.

Dates as search terms

The search recognizes certain date formats. In the search center, these date formats are treated with surrounding quotation marks.



Date format 1

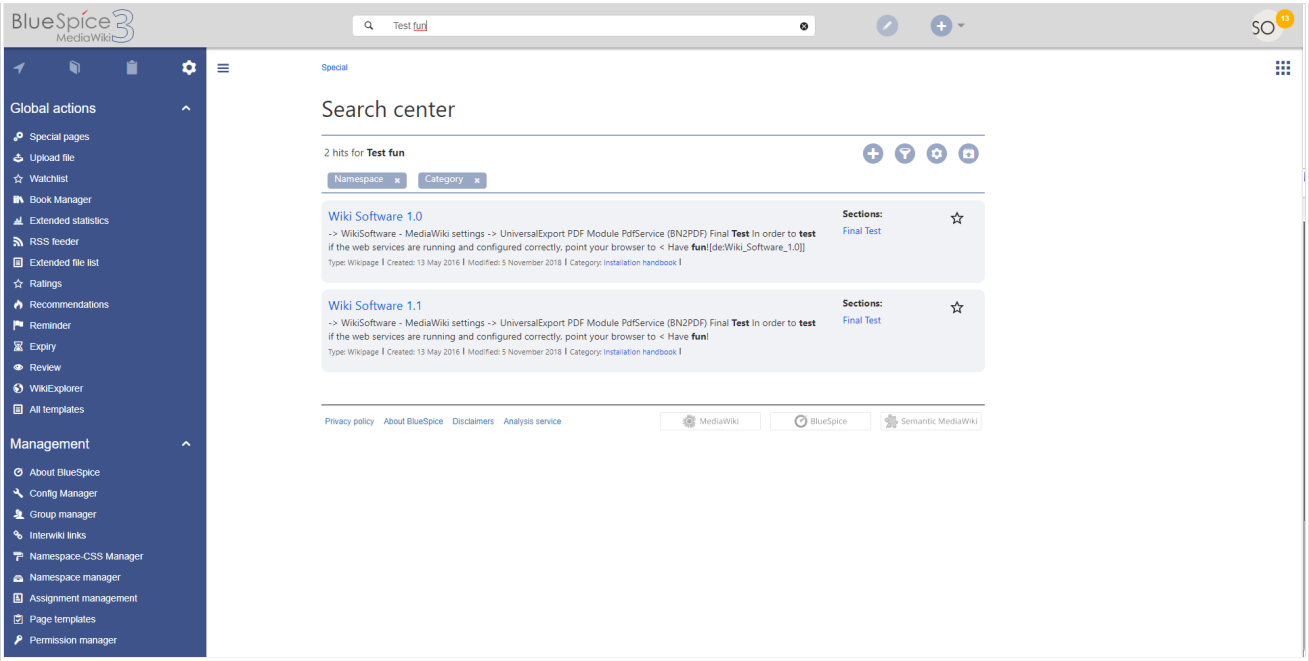


Date format 2

Search Center (extended search)

As soon as you trigger the full-search with the magnifying glass symbol or the *Enter* key, the wiki switches to the Search Center. This is a special page that offers the full functionality of the search. The search in the Search Center is carried out using the same search bar that is also used for autocomplete.

Here, the search engine carries out a full text search, which also includes the metadata of documents. It does not index the wikitext of a wiki page, but rather the rendered content, that is the output by the browser.



Search Center

Search operators

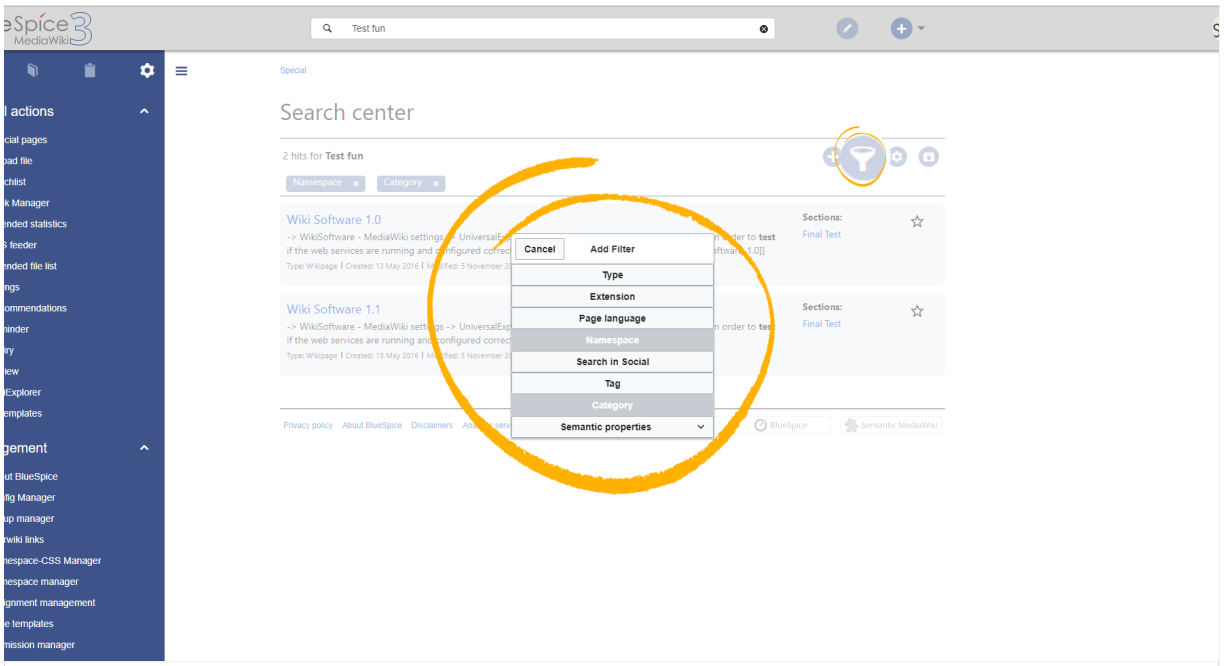
To use search operators in the full-text search, the following syntax can be used:

- Sandbox **AND** Widgets - returns pages that contain both the term sandbox and the term widgets
- Sandbox **OR** Widgets - returns pages that contain either the term sandbox or the term widgets.
- (Sandbox) **NOT** (Widgets) - returns pages that contain the term sandbox but not the term widgets..

The search operators have to be written in uppercase letters.

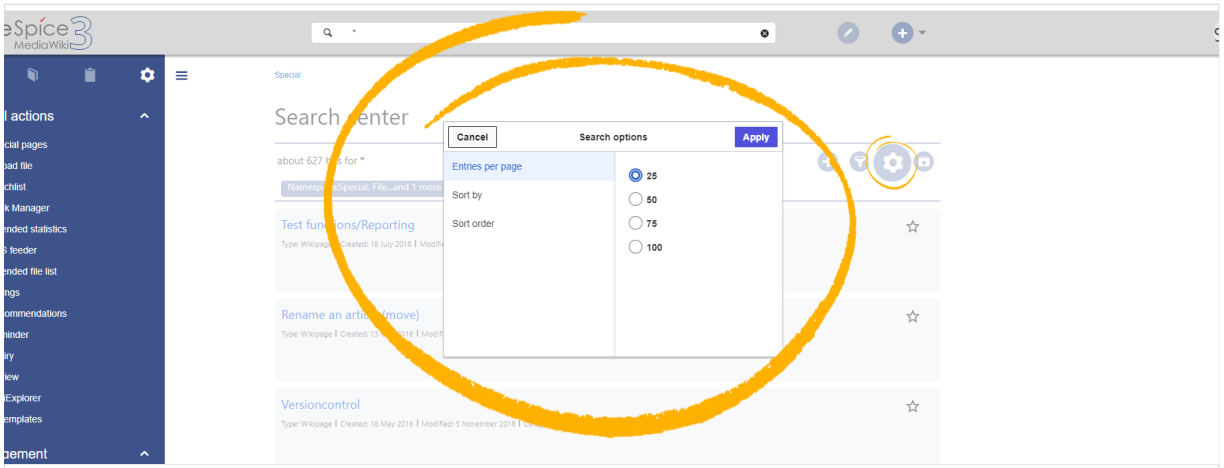
Elements

- **Hit count** - shows how many matches a search has returned. It may be exact or approximate. Approximation is due to dynamic check for permissions to view each page in the results, some results may not be shown to the user with no adequeate permissions event if it matches the search term.
- **Tools** - these are located in the top right as a set of buttons:
  - Create a page - represented by a "plus" button - will create a page with current search term as a title (only visible if user has permission to create pages)
  - Add filters - represented by a "funnel" icon - opens a dialog where users can select the type of filter to apply to the search.



Adding filters

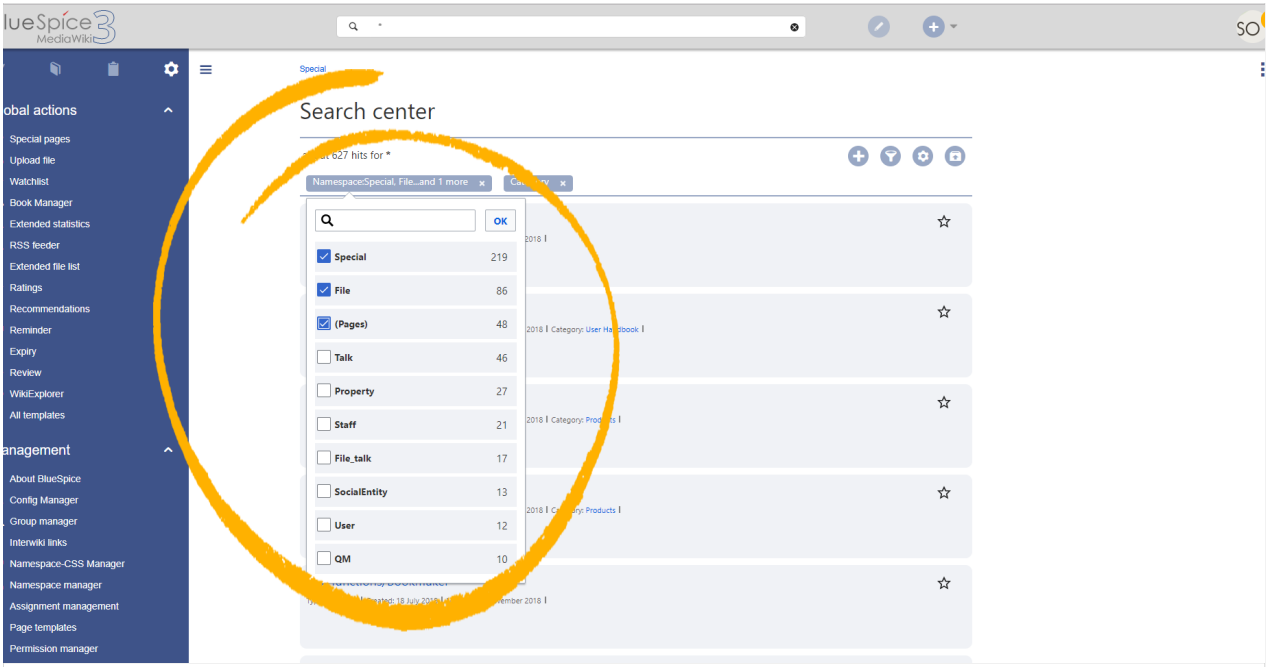
- Search options - represented by a "gear" icon - opens a dialog where users can change settings for the current search. It provides options like the number of results per page, sorting field and order.



Options dialog

- Export search - represented by the "export" icon - opens a dialog to export current search results to a dedicated page (only visible to authorized users, by default admin users).

- **Filter:** Filters are displayed in form of pills below the results counter. Each filter pill represents a different attribute. Filter values can be changed by clicking on the filter pill and selecting the desired options from the popup that will open. Filter can be removed by clicking on the "x" button in each pill.



Editing filter

- **Results:** If current search criteria yield any results, a list of results is displayed. The information available in the results is depending on the result type):
  - Main title of the result (page title, file name...)
  - Result type
  - Size and extension (for files)
  - Thumb image (for images) or file type icon (for other file types)
  - Redirect information
  - Original name (for wikipages, if the page display title is different than the actual page title)
  - Secondary information like page categories, modification and creation date, author, etc.
  - Snippet of the matches in the content of the page (if there are matches in the page content),
  - Sections with matches in the content (for wikipages)

In case there is an exact match for a given search term, the result that matches exactly is displayed as a "featured" result. Such a result displays a preview image of the page and always displays the content snippet, regardless of whether there are matches in the content or not.

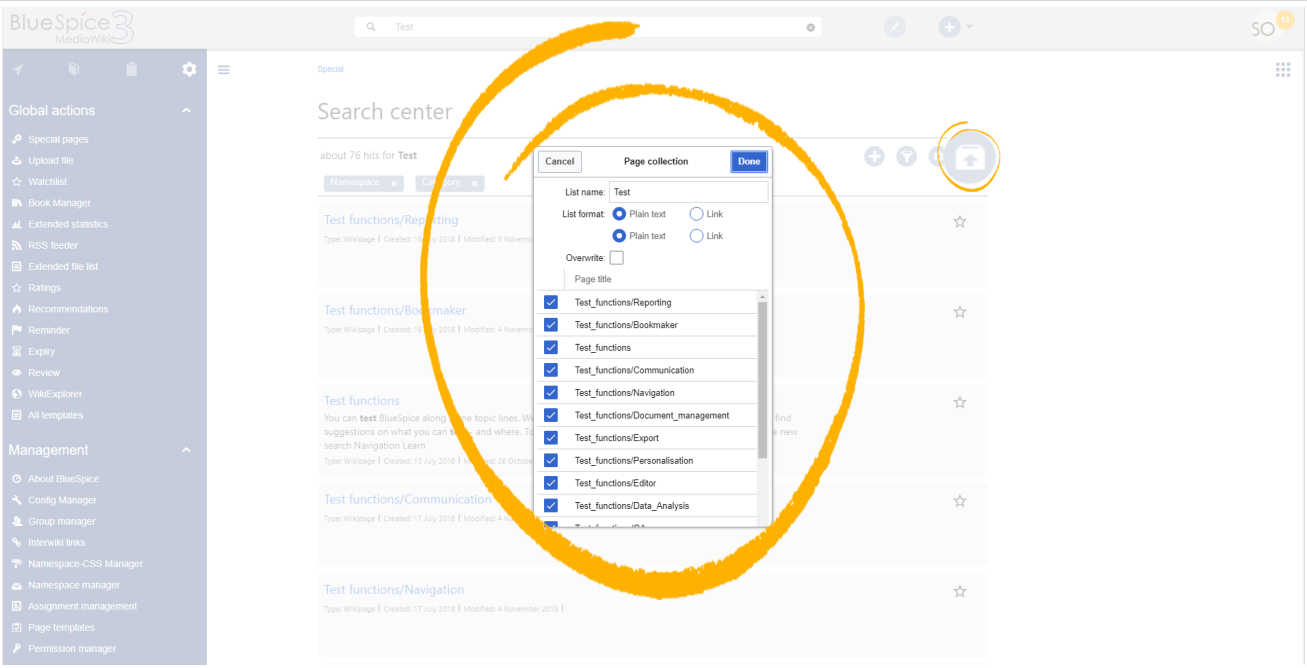
Results relevance

All logged-in users can mark certain results as "favorites" by clicking on the star symbol in the right corner of each result. Files marked as "favorite" will score higher in future searches - this is not visible immediately, however, but happens over time. One user's relevance settings won't affect other user's searches. Results can be unmarked as "favorite" by clicking on the "star" symbol again.

Exporting search results

After executing the search, administrators can export (save) the results to a specific page using the "Export" command from the "Tools" menu. The list is exported to *MediaWiki:PageCollection /LISTENNAME.*

Only valid wikipages are exported. The pages contained in a list can be included in a book in the book function via *Mass add> Source: Page collection.*



Export search

Configuration

In the BlueSpiceConfigManager, under settings for the extension *BlueSpiceExtendedSearch*, the following configuration options are available:

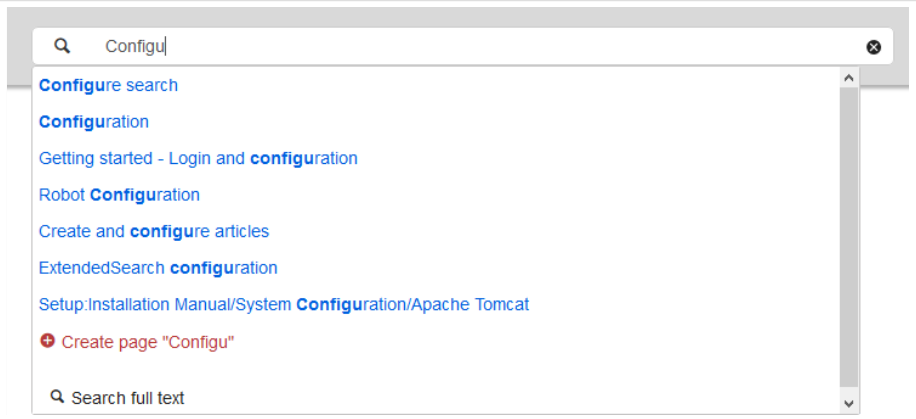
- **External file paths**: External locations to scan for and index files from. These locations are entered in key/value pairs of Physical path and URL prefix.
  - *Physical path: S*torage path. For mounted drives, for example: *X:|Documents*
  - *URL prefix:* All files indexed from the indexed physical location are prefixed in the search results. It should be used if files are available from a web server. By default, the URL prefix is set to the same value as *Physical path*.

Examples for external file paths

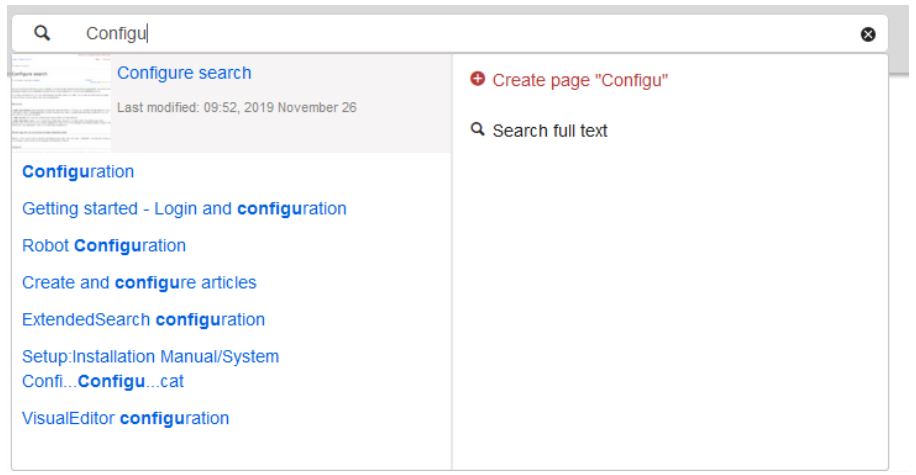
Example file	Phys. Path	URL Prefix	Link in results list
S:\Sales\Info\glossaryy.pdf	S:\	file:///S:/	file:///S:/Sales/Info/glossary.pdf
		https://sharepoint/Sales/documents/	https://sharepoint/Sales/documents/Sales/Info/glossary.pdf
		https://intranet/showdocsinline.aspx?path=	https://intranet/showdocsinline.aspx?path=/Sales/Info/glossary.pdf

/var/www/bluespice/w/mounted_ share/Sales/Info/glossary.pdf	/var/www/bluespice/w/ mounted_share/		https://wiki.company.local/w/mounted_ share/Sales/Info/glossary.pdf

- **Use simple autocomplete:** forces a more compact autocomplete (1-column Sales thumbnail preview).



compact autocomplete



Salesautocompletey

- **Automatically set language filter**: This setting applies to multi-languageSalesIt returns seyarch results for a user only in the user's language. Users can set their language in their preferences.
- **Exclude patterns:** Files at external file locations can be exluded from search based on regular expression patterns.

SearchAdmin

Special:SearchAdmin is a special page for wiki admins. This page provides stats on documents indexed in the search.

Related info

- Reference:BlueSpiceExtendedSearch

Page assignments

A quality version of this page, approved on *5 May 2021*, was based off this revision.

The extension **PageAssignments** allows users with assignment rights to assign other users to a page.

Contents

1 What are page assignments? 39
1.1 Characteristics 39
2 Assigning a page 39
3 Assignment management 40
4 Secured page assignments 41
5 My assignments 41
6 Related info 41

What are page assignments?

Page assignments are a quick way of giving one or more users informal responsibility and ownership of a page. They are very similar to a watchlist. A user can add a page to their watchlist themselves, but assignments are made by other users.

Page assignments do not change the behavior of the page or grant special rights on a page. For example, the page does not get locked for editing when it is assigned to another user. It is rather a simple mechanism to have users "take a look" at a page. If the feature *Read confirmation* is activated for a namespace, assigned users have to confirm with a checkbox on the page that they have read the page.

Characteristics

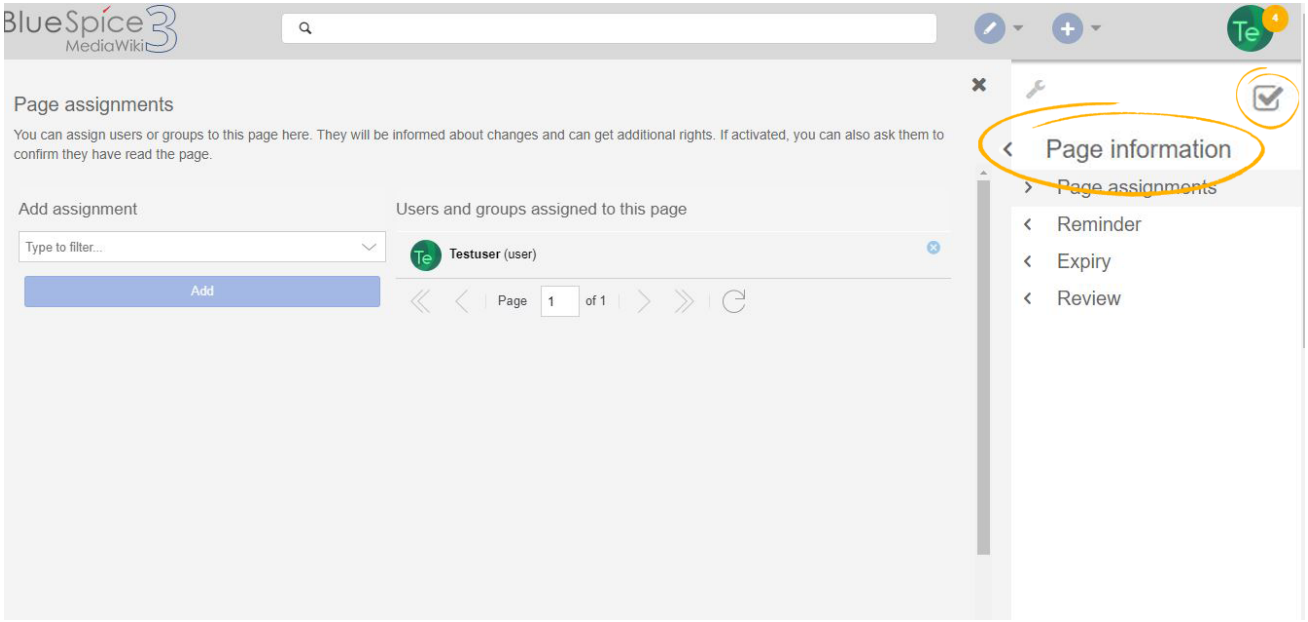
- **Notifications** are sent to assigned users when their page assignment is changed. (This can be deactivated in the user preferences.)
- **Transparency:** Assigned users are listed in the QM tools panel of the page
- **Assignment management:** (`Special:ManagePageAssignments`)
- **Quick access** from the user profile menu
- **Read confirmation:** page shows a read confirmation checkbox for assigned users (optional)

Assigning a page

To assign pages to other users, you need the appropriate rights. These are assigned via the roles *reviewer* and *maintenanceadmin*. Although users with *read* permissions can be assigned to a page, they cannot make changes to the page.

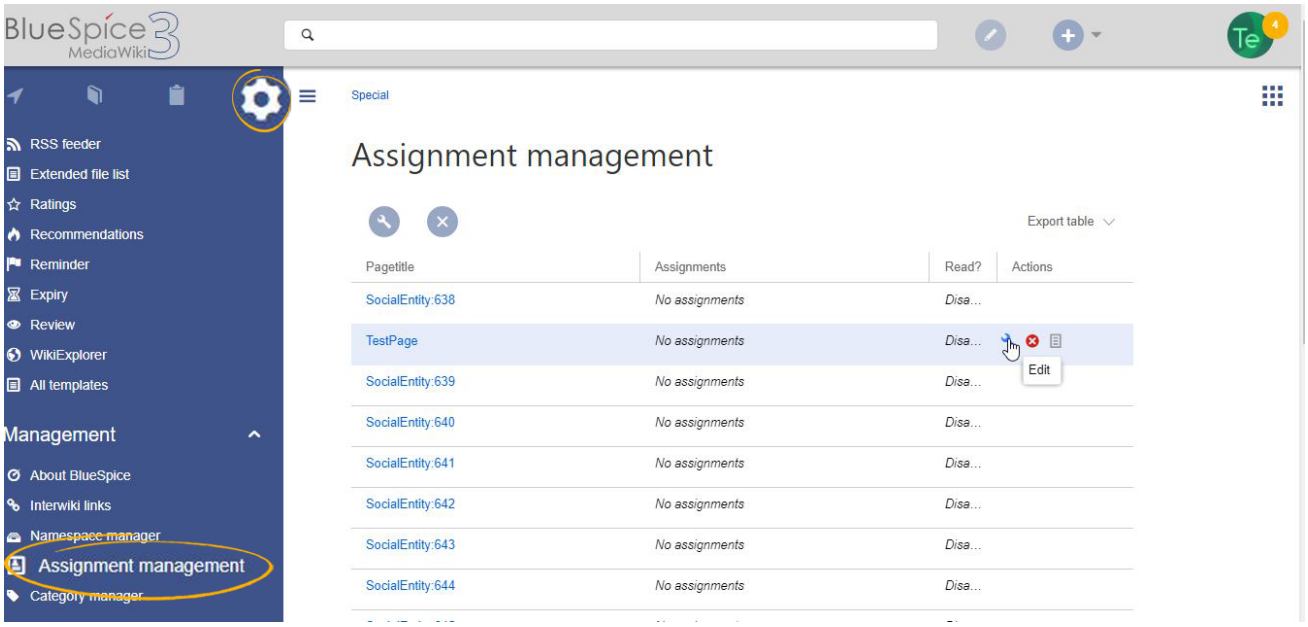
To assign a user or a group to a page:

1. **Click** on *Page assignments* in the *Quality management* toolbar.
2. **Type** a user or group name in the assignments text box. You will get automatic suggestions based on your entry.
3. **Click** the *Add* button.
4. **Add** more users or groups (optional).



Assignment management

Users with assignment rights can see a list of all pages that have assignments. This page (*Special: ManagePageAssignments*) can be loaded from the navigation menu under *Global actions >Management > Assignment management*

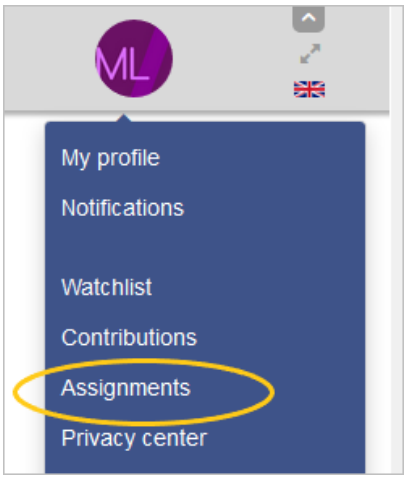


Secured page assignments

In the namespace manager you can configure that page assignments are secured. If a page is created in such a namespace, the page is only editable for users that are assigned to this page. This means that every new page should be created by a user with r*eviewer* or admin *rights*, because only these roles have the necessary rights to make the assignment. If a page is created in this namespace by a user with *edit* rights, this page cannot be edited further by this user, unless he/she is assigned by a to the page.

My assignments

Every user can view the pages they are assigned to by clicking on "Assignments" in their personal menu (by clicking on their image in the upper right corner).



Related info

- Reference page

Manual:Extension/ExtendedSearch

Redirect to:

- Manual:Extension/BlueSpiceExtendedSearch

Reference:BlueSpiceBookshelf

Extension\: BlueSpiceBookshelf

Overview			
Description:	Enables BlueSpice to manage and export hierarchical collections of articles.		
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:**	Book
Edition:	BlueSpice pro, BlueSpice Farm, BlueSpice Cloud		
View help page			

Features

Bookshelf combines wiki pages to create books and also to export those pages as a PDF document.

- Sets of different pages (chapters) can be put together individually to a book.
- The table of contents of the book is displayed in the left navigation bar.
- The chapters are displayed in a collapsible tree structure.
- The book or parts of the book can be exported to PDF.

Configuration manager

Some aspects of this extension can be configured on `Special:BlueSpiceConfigManager`. Here, wiki administrators can:

- prepend the article table of contents and headlines of a page with book numeration.
- supress the namespace prefix of book articles in the PDF output.
- apply the display title from the book source to a wiki page.

Technical Information

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

Requirements

MediaWiki: 1.31
BlueSpiceFoundation: 3.1

Integrates into

- BlueSpiceBookshelf

Special pages

- Bookshelf
- BookshelfBookEditor
- BookshelfBookManager

Permissions

Name	Description	Role
bookshelf-viewspecialpage	Access the special page Special:Bookshelf	reader
bookshelfbookmanager-viewspecialpage	Access the special page Special:BookshelfBookManager	reader

Configuration

Name	Value
BookShelfDefaultCoverImage	'resources/images/assets/coverimage/dummy.png'
BookShelfShowChapterNavigationPagerAfterContent	false
BookShelfShowChapterNavigationPagerBeforeContent	false
BookshelfPrependPageTOCNumbers	true
BookshelfSupressBookNS	true
BookshelfTitleDisplayText	true

User options

Name	Value
bs-bookshelf-defaultview	'gridviewpanel'

API Modules

- bs-bookshelf-bookstore
- bs-bookshelf-manage
- bs-bookshelf-mass-add-page-store
- bs-bookshelf-page-collection-store
- bs-bookshelf-store

Hooks

- BSBookshelfGetBookData
- BSInsertMagicAjaxGetData
- BSUEModulePDFAfterFindFiles
- BSUEModulePDFbeforeGetPage
- BSUEModulePDFcollectMetaData
- BSUEModulePDFgetPage
- BeforePageDisplay
- ContentHandlerDefaultModelFor
- GetPreferences
- LoadExtensionSchemaUpdates
- ParserFirstCallInit
- SkinTemplateOutputPageBeforeExec

Reference:BlueSpiceBookshelfUI

Note: This extension is not included in versions 3.2+. Its functionalities are now included in BlueSpiceBookshelf

Extension\: BlueSpiceBookshelfUI

Overview	
Description:	provides a graphical administration interface for creating, editing and managing books.

Overview			
State:	stable	**Dependency:**	BlueSpice
Developer:	HalloWelt	**License:**	GPL v3 only
Type:		**Category:**	Book
Edition:	BlueSpice pro, BlueSpice Farm, BlueSpice Cloud		

Features

BookshelfUI provides a graphical interface for creating, editing and managing books. It consists of a book editor, a book management and an integrated navigation.

Usage / Features

- The following functionality is provided by this extension:
- Create book
- Edit book:
  - Chapters can be renamed.
  - Chapters can be dragged and dropped in the desired order.
- Delete book.
- The navigation is a separate tab in the sidebar. It consists of two areas:
  - Available Books shows a list of all the books stored in the system.
  - Chapter shows the chapter navigation of the currently selected book.

Technical information

Configuration

This extension offers no configurations.

Rights (permissions)

This extension does not require any special rights.

Requirements

This extension requires BlueSpiceFoundation and Bookshelf.

More info

For detailed description and usage, visit our user manual.

Demo

Try to create a book from the wiki pages in our BlueSpice Demo.