

Contents

Search

ExtendedSearch replaces the default MediaWiki search engine. It is based on the [OpenSearch](#) (up to BlueSpice 4.3 the Elasticsearch) engine. Pages and files are indexed immediately and available for searching in real-time.

Contents

1 Usage	3
2 Quick search	3
2.1 Recently viewed v4.4.1+	3
2.2 Title search	3
2.3 Namespace and subpage "pills"	4
2.4 Dates as search terms	5
3 Search Center (extended search)	5
3.1 Search operators	6
3.1.1 AND	6
3.1.2 " (apostrophes)	6
3.1.3 NOT	6
3.1.4 OR	7
3.1.5 * (wildcard)	7
3.2 Elements	7
3.2.1 Results relevance	9
3.2.2 Exporting search results	9
4 Configuration	9
5 SearchAdmin	11

Usage

Extended search offers two ways of searching for content:

1. **Title search** using the [Quick search](#)
2. **Fulltext search** using the [Search center](#)

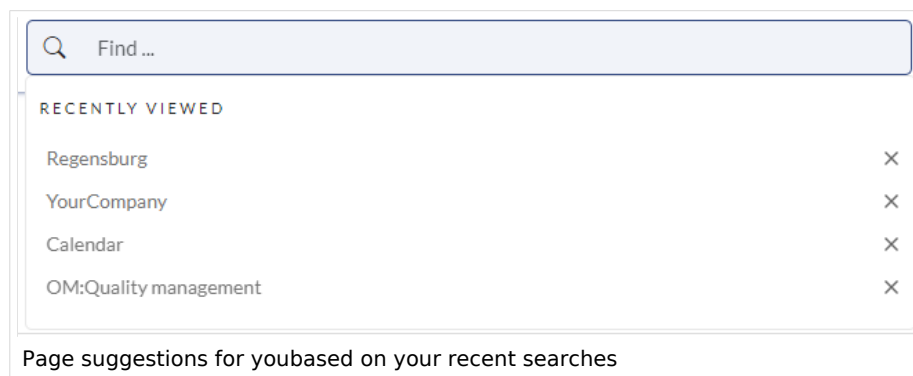
By default, the search indexes:

- **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, such as blog posts and user profiles

Quick search

Recently viewed v4.4.1+

When you place the cursor in the search field, it returns a list of pages that you have found and accessed through a recent search. Any suggested pages that you are not interested in, you can remove from this view by clicking on the x to the right of the page name. Once you start typing, the default suggestions disappear.



Title search

The most prominent search feature is the search box in the header of the wiki. If a user has not switched to the search center yet, this field simply looks for a page name or display title that contains the exact search term. The title search does not do a full-text search. You have to switch to the full-text search (= [Search center](#)) for that. This can be done by simply pressing the Enter key after entering a search term in the Quick Search field.

What users should know about this search field (- you can try the following searches in this helpdesk):

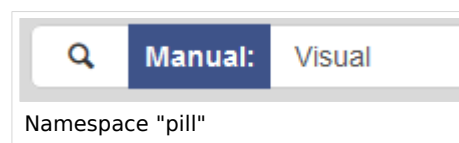
1. It is **not case-sensitive**: "qual" or "Qual" return the same results.

2. The search term needs to be at the **beginning of a word**: the search term "ards" will not return pages that contain "cards".
3. Search results are **limited to 7 page titles**. This is important to understand to have the right expectations. In most cases, the search field is simply used as a springboard to pages that are known to the user (e.g., to jump to a team page or to the page "Processes" or any other known page the user wants to reach quickly).
4. **Spelling mistakes** will not return any results: "Qality" does not return "Quality".
5. Multiple search terms can be in **any order** to produce results ("toc download" finds pages just like "download toc").
6. **Search operators** such as `" "`, `OR`, `AND` are not supported. However, they are supported in the [full-text search](#).
7. The **sort order** for the results are based on a combination of best title match and last edit date of the page. (You can find the technical details on the [reference page for the extension ExtendedSearch](#). Some configuration changes are possible if the wiki is hosted on premise. There are no configuration options in Cloud wikis.)



Namespace and subpage "pills"

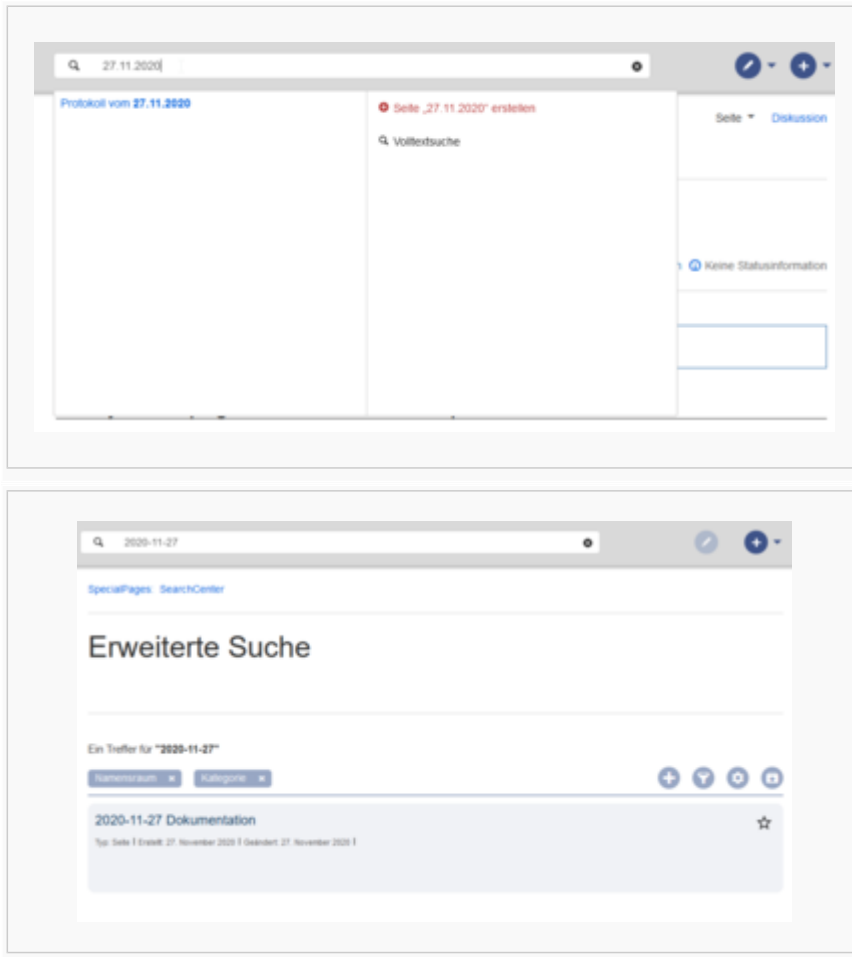
The search bar supports pills for namespaces and subpages.



If a user types `Manual:` and clicks "Enter", 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".

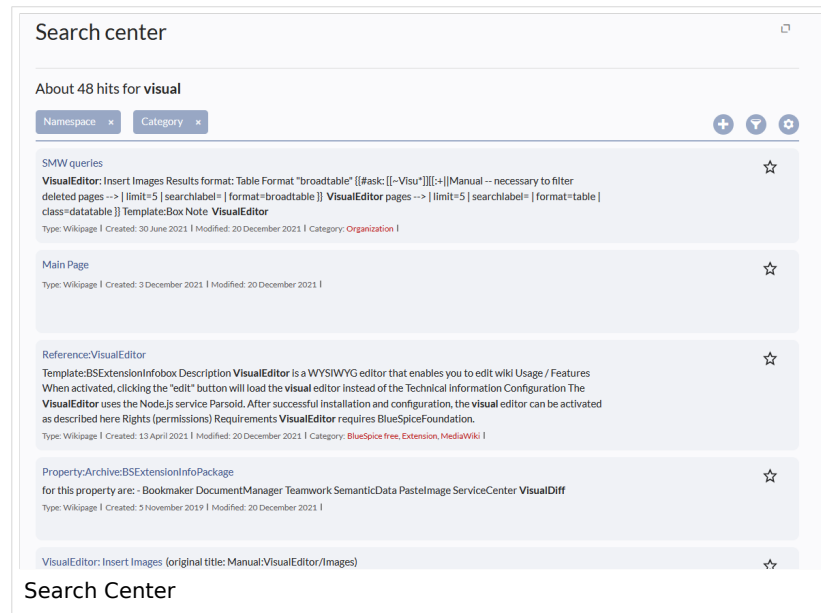
Dates as search terms

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



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 operators

Important! Search operators only work in the search center (fulltext search). You cannot use search operators in the title search.

If you are **searching for contiguous words**, they should be enclosed in quotation marks (") for performance reasons and to support a unique search.

Search operators have to be written in **all-caps**.

AND

- `admin AND docu`: Returns pages that contain the **exact term** `admin` **as well as the exact term** `docu`
- `admin* AND docu`: If the term `administration` should be found, you need to provide a wildcard asterisk (*).

Compare: The search `admin docu` automatically is a wildcard search. It returns pages that contain **both** `admin*` **and** `docu*`. This search normally finds more results than the search `admin* AND docu` (because in the second case, the exact term `docu` is returned).

" (apostrophes)

Apostrophes around a search term triggers an **AND** search for **all terms** in the query:

- `"admin" docu`: same result as `admin AND docu` (i.e., also the precise term `docu` will be searched).

NOT

- `admin* NOT docu*`: Returns pages that contain words that start with `admin`, but that don't contain words that start with `docu`.

OR

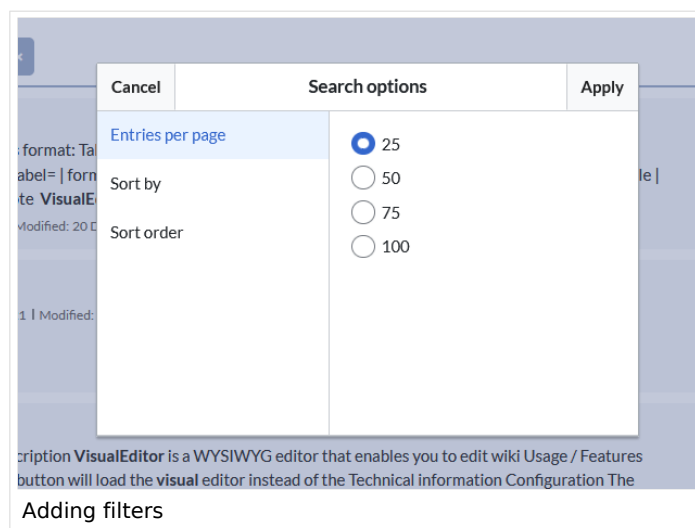
- `admin OR docu` : Returns pages that contain **either the exact term** `admin` **or the exact term** `docu`.

***** (wildcard)

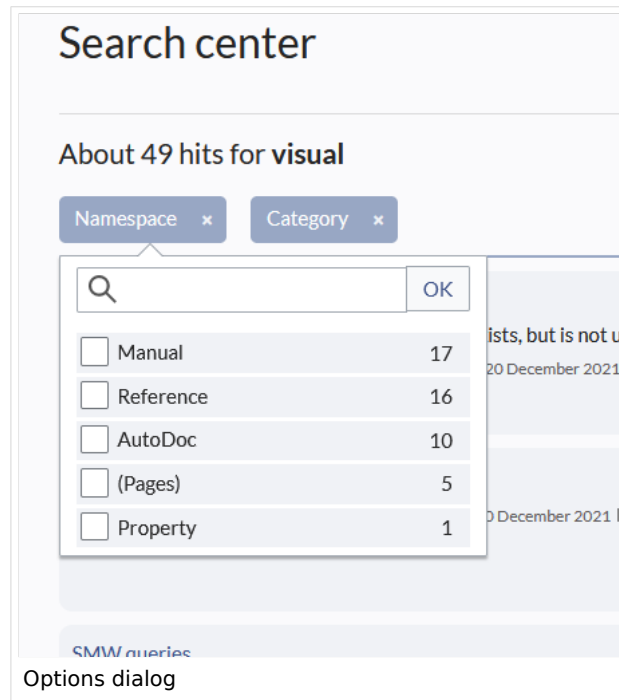
- `admin*` : Returns pages that contain words that begin with `admin`.

Elements

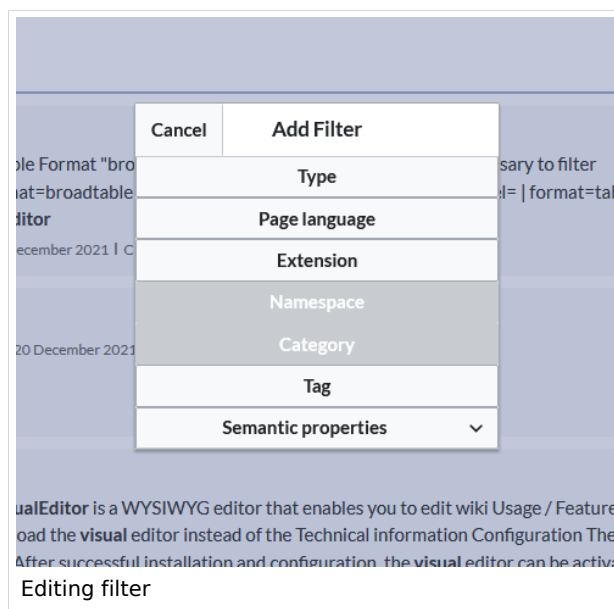
- **Hit count** - shows how many matches a search has returned. It may be exact or approximate. Approximation is due to dynamic check for permissions to view each page in the results, some results may not be shown to the user with no adequate permissions event if it matches the search term.
- **Tools** - 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.



- 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.



- 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.



- **Results:** If current search criteria field 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 wikispaces, 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 wikispaces)

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.

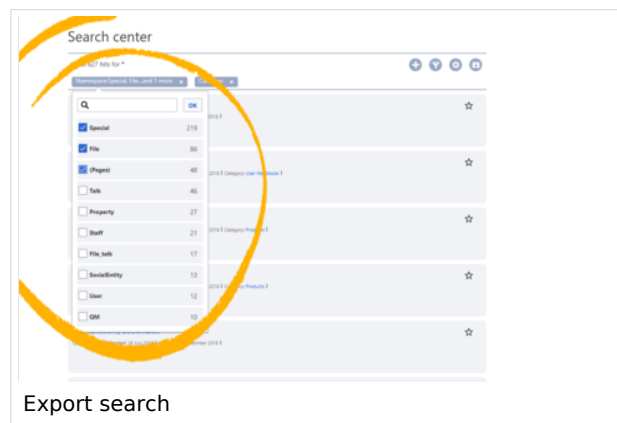
Results relevance

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



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:* Storage 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/showdocs inline.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

Feature

Reset 2 Save

☐ System
☐ Skinning
☐ Data analysis
☐ Personalization
☐ Book
☐ Export
☐ Content structuring
☐ Quality assurance
☒ Searching and Navigation
☐ Editor
☐ Administration

BlueSpiceExtendedSearch

External file paths ⓘ

No values set!

Add new entry

Physical path
URL prefix

S:\ *
file:///S:/ ✓ 1

☐ Use simple autocomplete
☐ Automatically set language filter

Exclude patterns ⓘ

No values set!

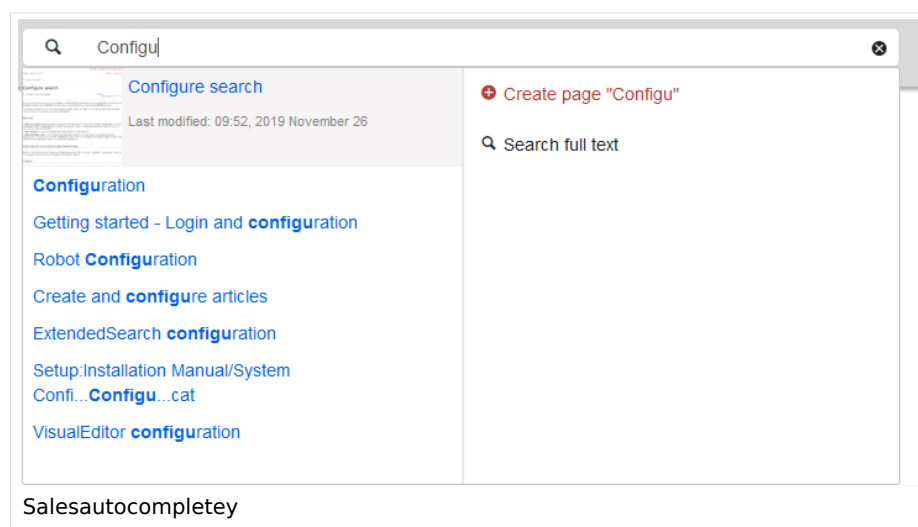
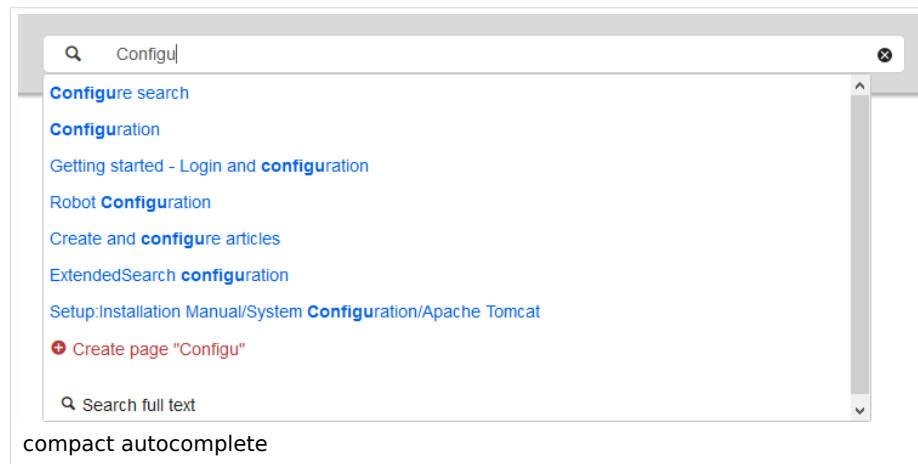
Add new entry

Physical path
Exclude regular expression pattern

* * ✓

Add an external file path: (1) confirm the checkmark and (2) save the settings.

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



- **Automatically set language filter:** The search only returns pages whose language (PageLanguage) is identical to the user language (Language). Users can set their language in their [preferences](#). By default, the language of content pages is the same as the installation language (ContentLanguage) of the wiki. Some extensions can set the language of individual pages independently of the content language of the wiki.. (See: https://www.mediawiki.org/wiki/Manual:Language#Page_content_language). In many wikis, activating this filter has little effect.
- **Exclude patterns:** Files at external file locations can be excluded from search based on regular expression patterns.

SearchAdmin

Special:SearchAdmin is a special page for wiki admins and shows the number and types of indexed documents.{{Box Links-en|Topic1=

➔ [Technical Reference: BlueSpiceExtendedSearch](#)

