## 10.2 Extension/BlueSpiceTagSearch

**TagSearch** allows the integration of a configurable search field in content pages. This search field relies on **BlueSpiceExtendedSearch**.

### Inserting the tag

The tag `<bs:tagsearch />` can be inserted and configured directly in visual editing mode.

Go to *Insert > Magic word* in the **VisualEditor** menu. Select tagsearch from the dialog and click done. This opens the configuration options dialog on the page.
Inserting TagSearch on a page

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Display name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>placeholder</td>
<td>Placeholder</td>
<td>Text to be shown in the search field when nothing is typed in</td>
</tr>
<tr>
<td>type</td>
<td>Type</td>
<td>List of types of search entities to search. By default search entities availble are: wikipage, specialpages, repofile (internal files), externalfile, socialentity. Multiple values can be entered separated by pipe (</td>
</tr>
<tr>
<td>ns</td>
<td>Namespace(s)</td>
<td>List of namespaces in which to search. Namespaces can be entered by using their IDs or names, separated by a pipe (</td>
</tr>
<tr>
<td>cat</td>
<td>Category(ies)</td>
<td>List of categories in which to search. Multiple categories must be separated by a pipe (</td>
</tr>
<tr>
<td>operator</td>
<td>Search operator</td>
<td>Applies only to categories. Operator “AND&quot; will only find results that are in all of the given categories, while operator “OR&quot; will show results in any of the given categories.</td>
</tr>
</tbody>
</table>
Multiple tags can be added to a single page using the same or different configurations.

**Using the search field**

Once the page is saved, the code for the search field is inserted in the page source where it was inserted.

**Example:**

```html
<bs:tagsearch type="wikipage" operator="AND" ns=" |Template" category="Editing" />
```

The search is looking for wiki pages in the namespaces *(Main)* and *Template* that belong to the category *Editing*.

Clicking on search icon to the left or pressing *Return* loads the full-text search in the Search-Center.

![Search field on the page](image)

**Related info**

- Reference:BlueSpiceTagSearch

**10 Extended search**
**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.

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**Usage**

The extended search offers two ways of searching for content:

- Autocomplete
- SearchCenter

By default, BlueSpiceExtendedSearch indexes:

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

**Autocomplete**

Autocomplete search is available from any page on the wiki, and can be accessed through the search bar in the top line of the wiki. Autocomplete matches only page and file titles, not the content of the page. After typing in the search bar, an autocomplete popup will appear below it.
This popup is divided in two columns.

**Left column:**
- Primary results - these are the results that are direct matches for the search term. These result are displayed in left column of the autocomplete popup. An exact match will be highlighted and contain additional information.

**Right column:**
- Tools and secondary results - tools are displayed in the top portion of the right column and contain:
  - Button to create the page with the current search term as the title (only if user has permission to create new pages)
  - Button to execute full-text search for the current term. Selecting this option will lead to the SearchCenter page.

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 will 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 namespace or subpage pill is present. In this case secondary results will show direct matches in other namespaces/pages.

**Autocomplete pills**

Autocomplete search bar supports pills for namespace and subpages.
This means that if a user types "Manual:" a pill for the namespace "Manual" will be created and any term typed-in after will be only searched in namespace "Manual". Subpage pills work in the same way. If the user types in "PageName/"", any term given afterwards will be 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*.

**SearchCenter (extended search)**

As soon as you trigger the search with the magnifying glass symbol or the *Enter* key, you switch to the SearchCenter. This is a special page that offers the full functionality of the search. The search in the SearchCenter is carried out using the same search bar that is also used for automatic completion.

Areas:

- **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 on the top right and represent a set of buttons for managing the search results.
  - 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 user can select the type of filter to apply to the search.

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

Export search - represented by "export" icon - opens a dialog to export current search results to a dedicated page.

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

**Results:** If current search criteria yields any results, list of results will appear below the filters. Information available in the result are (depending on 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 (for wikipages, if page is a redirect to another page, or another page redirects to it)
- Original name (for wikipages, if page display title is different than actual page title)
- Secondary information like, for wikipages, category page belongs to, modification and creation date, author...
- Snippet of the matches in the content of the page (if there are matches in the page content),
- Sections with matches in content (for wikipages)

In case there is an exact match for given search term, result that matches exactly will be displayed as "featured" result. Such result will display preview image of the page, and will always display 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 top right corner of each result. Files marked as "favorite" will score higher in future searches. One user's relevance settings won't affect other user's searches. If a user marks a result as "favorite", it will score higher only for that user, not for any other user. Results can be unmarked as "favorite" by clicking on the "star" symbol again.
Exporting search results

After executing the search, you can export (save) the results to a specific page using the "Export" command from the "Tools" menu. In the export dialog, you can enter the name for the list, select the format and specify whether the existing list should be overwritten or appended to the list.

You can also deselect the pages that should not be exported.

After you click "Done", the list will be 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.

Configuration

In BlueSpiceConfigManager, under settings for 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.

- **Use simple autocomplete**: forces a more compact autocomplete (1-column layout, no thumbnail preview).
- **Automatically set language filter**: This setting applies to multi-language wikis. It returns search 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 excluded 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**

### Manual:Extension/VisualEditor

Redirect to:

- **Manual:VisualEditor**
What is VisualEditor?

VisualEditor (also called WYSIWYG - what you see is what you get) is an editor you can use without having to enter special markup (like HTML, wiki tags). The editor bars resemble those of commonly used word processing programs.

How to find the visual editor?

When you switch to the edit mode of an article, you will be presented with the wiki code at first. To activate the WYSIWYG editor, click on the following button:

The article's text will now be displayed with its formatting. Above the input field, you can see a new toolbar:

The functions of the editor

The editor does exactly what you would expect from standard word processing programs: You mark the elements you want to change, and then choose the change, for example bold, from the toolbar. The change in formatting can be seen immediately. Hallo Welt! implements the WYSIWYG editor as an optional editor only so as not to restrict the variety of MediaWiki's design possibilities.
Fundamental functions

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>![button]</td>
<td>switch to editing using the wiki code</td>
</tr>
<tr>
<td>![button]</td>
<td>save</td>
</tr>
<tr>
<td>![button]</td>
<td>undo; redo</td>
</tr>
<tr>
<td>![button]</td>
<td>find and replace</td>
</tr>
<tr>
<td>![button]</td>
<td>paste as formatted text (e.g. from Word)</td>
</tr>
<tr>
<td>![button]</td>
<td>insert signature</td>
</tr>
<tr>
<td>![button]</td>
<td>insert or edit link; you can find out how to insert links to any sites you want at the page InsertLink</td>
</tr>
<tr>
<td>![button]</td>
<td>remove link</td>
</tr>
<tr>
<td>![button]</td>
<td>insert tags or MagicWords. More at InsertMagic</td>
</tr>
<tr>
<td>![button]</td>
<td>insert image; the function InsertImage lets you upload and embed images.</td>
</tr>
<tr>
<td>![button]</td>
<td>insert file</td>
</tr>
<tr>
<td>![button]</td>
<td>insert category; the feature Insert Category gives you an overview of the categories which already exist and lets you assign them to the current article.</td>
</tr>
<tr>
<td>![button]</td>
<td>insert checkboxes or checklists</td>
</tr>
<tr>
<td>![button]</td>
<td>insert table (also &quot;table properties&quot; and &quot;delete table&quot;)</td>
</tr>
<tr>
<td>![button]</td>
<td>insert row above, insert row below, delete this row; insert column to the left, insert column to the right, delete this column</td>
</tr>
<tr>
<td>![button]</td>
<td>bold; cursive; underlined;</td>
</tr>
<tr>
<td>![button]</td>
<td>list with bullet points; numbered list</td>
</tr>
<tr>
<td>![button]</td>
<td>decrease indent; increase indent</td>
</tr>
<tr>
<td>![button]</td>
<td>insert special symbol</td>
</tr>
<tr>
<td>![button]</td>
<td>insert line break</td>
</tr>
<tr>
<td>![button]</td>
<td>headings; Inline; alignment(left; center; right); table (standard, sortable, greyscale); pre</td>
</tr>
<tr>
<td>![button]</td>
<td>define headings</td>
</tr>
<tr>
<td>![button]</td>
<td>text color</td>
</tr>
<tr>
<td>![button]</td>
<td>remove formatting</td>
</tr>
<tr>
<td>![button]</td>
<td>edit in full screen mode</td>
</tr>
</tbody>
</table>
Working with tables

As uncomplicated as it may be for other formatting, wiki code is not ideal for tables. However, in the WYSIWYG editor, you can work with tables quickly and easily. Note that the majority of the buttons which deal with table formatting will only become active when a table is selected.

Tips for working with the WYSIWYG editor

- The WYSIWYG editor makes it easier to work with tables and images, in particular. We recommend working with normal wiki tags when making or editing complex pages.
- TinyMCE is a web editor and so cannot be guaranteed to work completely smoothly with desktop applications like, for example, Word. You will need to be tolerant and be pleased that the editor at least makes some of your work easier.
- The editor can be activated by default by changing your settings under personal settings => BlueSpice => visual editor.

Settings

- When BlueSpice is installed, VisualEditor is set as default editor. This means, every new registered user gets VisualEditor as default.
- Every users can disable VisualEditor as default editor in his personal settings.
- To change a setting for all users, a sysadmin has to change all settings with help of a script.

See also

Our reference page.

Reference: BlueSpiceTagSearch

TagSearch allows the integration of a configurable search field in the page content. This search field relies on ExtendedSearch.
Usage / features

The configurable search field can be integrated into a content page with a tag. This tag has the following configuration options:

- **Placeholder**: Default text that is shown in the search field.
- **Type**: List of valid result types. Possible values: wikipage, specialpage, repofile, externalfile, socialentity.
- **Namespaces**: Sets the searched namespaces. You can indicate it by ID or by the name of the namespace. Multiple entries are possible, separated by a pipe symbol (|). Default: As set in the ExtendedSearch.
- **Categories**: Sets the searched categories. Multiple entries are possible, separated by a pipe symbol (|). Default: No category is defined.
- **Search operator**: Search operator for the Categories field. Possible values: AND/OR. Default: AND.

**Tag**: `<bs:tagsearch />`
Technical information

Configuration

This extension offers no additional configurations.

Rights (permissions)

This extension does not require any special rights.

Requirements

TagSearch requires BlueSpiceFoundation and BlueSpiceExtendedSearch.

More info

For detailed description and usage, visit our help page.

Demo

Try inserting a search tag in our BlueSpiceDemo.