

Contents

1. Reference:BlueSpiceExtendedSearch	2
2. Category:Extension	8
3. GPL-3.0-only	13
4. Manual:Extension/BlueSpiceExtendedSearch	14

Reference:BlueSpiceExtendedSearch

Extension: BlueSpiceExtendedSearch

→ [all extensions](#)

Overview			
Description:	Elasticsearch search backend		
State:	stable	Dependency:	BlueSpice
Developer:	HalloWelt	License:	GPL-3.0-only
Type:	BlueSpice	Category:	Search and Navigation
Edition:	BlueSpice pro, BlueSpice free, BlueSpice Farm, BlueSpice Cloud	Version:	4.1+
? View user help page			

Features

ExtendedSearch replaces the default MediaWiki search engine. It is based on OpenSearch (up to BlueSpice 4.3: Elasticsearch), and provides many improvements over the standard MediaWiki search both in terms of quality of indexed content and user interface.

- Search titles.
- Search the full content.
- Search uploaded or linked files (Office documents and PDFs).
- Search image data.
- Search-as-you-type and auto-complete.
- Ignore upper and lower case (case-insensitive).
- Search with the operators AND, OR, NOT.
- Search with wildcards.
- Search for phrases.
- Fuzzy search.
- Search for sentence fragments.

Some aspects of this extension can be configured on [Special:BlueSpiceConfigManager](#), under section "ExtendedSearch". Here wiki administrators can configure:

- external file paths
- layout of the autocomplete box
- language filter

- exclude patterns

Boosting (server configuration)

For boosting by match percent, the following settings are available in the extension itself:

```
"ESRecentBoostFactor": {
  "description": "Value must be between 0 and 1. If set to 1, very recent pages will
almost double their score",
  "public": false,
  "value": "0.5"
},
"ESMatchPercentBoostFactor": {
  "description": "How much to boost the result based on the percent of its title taken
up by the search term. Set to 0 to disable",
  "public": false,
  "value": "0.5"
},
"ESMatchPercentTitleField": {
  "description": "Field on which to base the match percent boosting. If empty, default
title field of the source will be used",
  "public": false,
  "value": ""
}
```

System-wide boosting

By default, BlueSpice influences the score, after the results have been retrieved, in the following ways:

- **Creation date / last edit:** All things equal, more recently edited pages will rank higher. The amount of influence can be adjusted with '\$bsgESRecentBoostFactor' (default 0.5). The value for this can be a number between 0 and 1. 0 means that recency of the page does not change the score and 1 means that very recent changes might get their score doubled.
- **Percent of the page title taken up by the search term:** An additional score boost is assigned to results that match a larger part of the title. E.g., if the search term is "foo", a page called "Foo Bar" will have a good match percentage (50%), since the search term takes 50% of the full page name. The page "Foo quick brown fox jumps" will have a lower percentage boost, because the search term takes up only a small percentage of the whole title. This is controlled by '\$bsgESMatchPercentBoostFactor' (default 0.5). Same as for the previous setting, a value of 0 will effectively disable this kind of boosting, while 1 would double the score for exact matches (In our example, page "Foo Bar" would get 50% added to its original score).
- **Wikipages** will always be boosted a bit more than other results types (reprofile, socialentity, ...)
- Inside the "wikipedia" type, pages in **content namespaces** and especially pages in **NS_MAIN** will be boosted additionally. Talk pages will receive no boost.

Additional configuration is possible for:

- **ESMatchPercentTitleField:** Field on which the match analysis is performed. Defaults to nothing, so whatever the search lookup sets. It can be set to "prefixed_text" to calculate match percent on the title with namespace prefix, for example, or to something like "basename" to calculate the match percent only on the page name, without the namespace prefix.

User-related boosting

Users can adjust how pages are ranked individually. Such adjustments will only be applied for search queries made by that user and do not affect global search ranking.

- **Preferred namespace:** On the page *Special:Preferences* (tab "Extended search"), a user can prioritize namespaces, so that pages in those namespaces will be ranked a bit higher.
- **Favourite results:** In the list of search results, each result has a little "star"-button in the top right corner. Clicking this marks a result as "favorite" for the user who clicked it. This means that this particular result will be boosted more than other results.

Technical Information

This information applies to BlueSpice 4. Technical details for BlueSpice Cloud can differ in some cases.

Requirements

MediaWiki: 1.37.0
BlueSpiceFoundation: 4.1

Integrates into

- BlueSpiceArticleInfo
- BlueSpiceExtendedSearch
- BlueSpiceExtendedStatistics
- BlueSpicePrivacy
- BlueSpiceSimpleFarmer
- BlueSpiceTagCloud
- BlueSpiceVisualEditorConnector
- ContentDroplets
- VisualEditor

Special pages

- BSSearchAdmin
- BSSearchCenter

Permissions

Name	Description	Role
extendedsearch-search-externalfile	Search for external files	accountmanager, admin, author, bot, commenter, editor, maintenanceadmin, reader, reviewer, structuremanager
extendedsearch-	Search for	accountmanager, admin, author, bot, commenter, editor,

Name	Description	Role
search-repofile	files	maintenanceadmin, reader, reviewer, structuremanager
extendedsearch-search-specialpage	Search for special pages	accountmanager, admin, author, bot, commenter, editor, maintenanceadmin, reader, reviewer, structuremanager
extendedsearch-search-wikipage	Search for pages	accountmanager, admin, author, bot, commenter, editor, maintenanceadmin, reader, reviewer, structuremanager

Configuration

Name	Value
ESAllowIndexingDocumentsWithoutContent	true
ESAutoRecognizeSubpages	true
ESAutoSetLangFilter	false
ESBackendClass	'\\BS\\ExtendedSearch\\Backend'
ESBackendHost	'127.0.0.1'
ESBackendPassword	"
ESBackendPort	'9200'
ESBackendTransport	'https'
ESBackendUsername	"
ESCompactAutocomplete	true
ESDefaultSearchOperator	'AND'
ESEnableSearchHistoryTracking	true
ESEnableTypeFilter	true
ESExternalFilePaths	array ()
ESIndexPrefix	"
	array (0 => '[0-9]{2}\\-[0-9]{2}\\-[0-9]{4}', 1 => '[0-9]{4}\\-[0-9]{2}\\-[0-9]{2}', 2 => '[0-9]{2}\\-[0-9]{4}\\-[0-9]{2}', 3 => '[0-9]{2}\\W[0-9]{2}\\W[0-9]{4}', 4 => '[0-9]{4}\\W[0-9]{2}\\W[0-9]{2}', 5 => '[0-9]{2}\\W[0-9]{4}\\W[0-

Name	Value
ESLookupModifierRegExPatterns	9]{2}', 6 => '[0-9]{2}\\. [0-9]{2}\\. [0-9]{4}', 7 => '[0-9]{4}\\. [0-9]{2}\\. [0-9]{2}', 8 => '[0-9]{2}\\. [0-9]{4}\\. [0-9]{2}', 9 => '[0-9]{2}\\\\ [0-9]{2}\\\\ [0-9]{4}', 10 => '[0-9]{4}\\\\ [0-9]{2}\\\\ [0-9]{2}', 11 => '[0-9]{2}\\\\ [0-9]{4}\\\\ [0-9]{2}', 12 => '[0-9]{1}\\. [0-9]{2}\\. [0-9]{4}', 13 => '[0-9]{4}\\. [0-9]{2}\\. [0-9]{1}', 14 => '[0-9]{1}\\. [0-9]{4}\\. [0-9]{2}', 15 => '[0-9]{4}\\. [0-9]{1}\\. [0-9]{2}', 16 => '[0-9]{2}\\. [0-9]{4}\\. [0-9]{1}', 17 => '[0-9]{2}\\. [0-9]{1}\\. [0-9]{4}', 18 => '[0-9]{1}\\\\ [0-9]{2}\\\\ [0-9]{4}', 19 => '[0-9]{4}\\\\ [0-9]{2}\\\\ [0-9]{1}', 20 => '[0-9]{1}\\\\ [0-9]{4}\\\\ [0-9]{2}', 21 => '[0-9]{4}\\\\ [0-9]{1}\\\\ [0-9]{2}', 22 => '[0-9]{2}\\\\ [0-9]{4}\\\\ [0-9]{1}', 23 => '[0-9]{2}\\\\ [0-9]{1}\\\\ [0-9]{4}', 24 => '[0-9]{1}\\. [0-9]{2}\\. [0-9]{4}', 25 => '[0-9]{4}\\. [0-9]{2}\\. [0-9]{1}', 26 => '[0-9]{1}\\. [0-9]{4}\\. [0-9]{2}', 27 => '[0-9]{4}\\. [0-9]{1}\\. [0-9]{2}', 28 => '[0-9]{2}\\. [0-9]{4}\\. [0-9]{1}', 29 => '[0-9]{2}\\. [0-9]{1}\\. [0-9]{4}', 30 => '[0-9]{1}\\\\ [0-9]{2}\\\\ [0-9]{4}', 31 => '[0-9]{4}\\\\ [0-9]{2}\\\\ [0-9]{1}', 32 => '[0-9]{1}\\\\ [0-9]{4}\\\\ [0-9]{2}', 33 => '[0-9]{4}\\\\ [0-9]{1}\\\\ [0-9]{2}', 34 => '[0-9]{2}\\\\ [0-9]{4}\\\\ [0-9]{1}', 35 => '[0-9]{2}\\\\ [0-9]{1}\\\\ [0-9]{4}', 36 => '[0-9]{2}\\. [0-9]{2}\\. [0-9]{2}', 37 => '[0-9]{2}\\\\ [0-9]{2}\\\\ [0-9]{2}', 38 => '[0-9]{2}\\. [0-9]{2}\\. [0-9]{2}', 39 => '[0-9]{2}\\\\ [0-9]{2}\\\\ [0-9]{2}', 40 => '[0-9]{1}\\. [0-9]{1}\\. [0-9]{4}', 41 => '[0-9]{4}\\. [0-9]{1}\\. [0-9]{1}', 42 => '[0-9]{1}\\. [0-9]{4}\\. [0-9]{1}', 43 => '[0-9]{1}\\\\ [0-9]{1}\\\\ [0-9]{4}', 44 => '[0-9]{4}\\\\ [0-9]{1}\\\\ [0-9]{1}', 45 => '[0-9]{1}\\\\ [0-9]{4}\\\\ [0-9]{1}', 46 => '[0-9]{1}\\. [0-9]{1}\\. [0-9]{4}', 47 => '[0-9]{4}\\. [0-9]{1}\\. [0-9]{1}', 48 => '[0-9]{1}\\. [0-9]{4}\\. [0-9]{1}', 49 => '[0-9]{1}\\\\ [0-9]{1}\\\\ [0-9]{4}', 50 => '[0-9]{4}\\\\ [0-9]{1}\\\\ [0-9]{1}', 51 => '[0-9]{1}\\\\ [0-9]{4}\\\\ [0-9]{1}', 52 => '[0-9]{1}\\. [0-9]{1}\\. [0-9]{2}', 53 => '[0-9]{2}\\. [0-9]{1}\\. [0-9]{1}', 54 => '[0-9]{1}\\. [0-9]{2}\\. [0-9]{1}', 55 => '[0-9]{1}\\\\ [0-9]{1}\\\\ [0-9]{2}', 56 => '[0-9]{2}\\\\ [0-9]{1}\\\\ [0-9]{1}', 57 => '[0-9]{1}\\\\ [0-9]{2}\\\\ [0-9]{1}', 58 => '[0-9]{1}\\. [0-9]{1}\\. [0-9]{2}', 59 => '[0-9]{2}\\. [0-9]{1}\\. [0-9]{1}', 60 => '[0-9]{1}\\. [0-9]{2}\\. [0-9]{1}', 61 => '[0-9]{1}\\\\ [0-9]{1}\\\\ [0-9]{2}', 62 => '[0-9]{2}\\\\ [0-9]{1}\\\\ [0-9]{1}', 63 => '[0-9]{1}\\\\ [0-9]{2}\\\\ [0-9]{1}', 64 => '[0-9]{2}\\. [0-9]{4}', 65 => '[0-9]{2}\\\\ [0-9]{4}', 66 => '[0-9]{2}\\. [0-9]{4}', 67 => '[0-9]{2}\\\\ [0-9]{4}', 68 => '[0-9]{4}\\. [0-9]{2}', 69 => '[0-9]{4}\\\\ [0-9]{2}', 70 => '[0-9]{4}\\. [0-9]{2}', 71 => '[0-9]{4}\\\\ [0-9]{2}', 72 => '[0-9]{2}\\. [0-9]{2}', 73 => '[0-9]{2}\\\\ [0-9]{2}', 74 => '[0-9]{2}\\. [0-9]{2}', 75 => '[0-9]{2}\\\\ [0-9]{2}',)

Name	Value
ESMatchPercentBoostFactor	'0.5'
ESMatchPercentTitleField	"
ESOfferOperatorSuggestion	true
ESRecentBoostFactor	'0.5'
ESSearchCenterDefaultFilters	array (0 => 'namespace_text', 1 => 'categories',)
ESSearchInRawWikitext	true
ESSharedUploadsIndexPrefix	false
ESSourceConfig	array ('wikipage' => array ('skip_namespaces' => array (0 => 8, 1 => 9,),), 'repofile' => array ('extension_blacklist' => array (0 => 'mp4',), 'max_size' => 20000000,), 'externalfile' => array ('extension_blacklist' => array (0 => 'mp4',), 'max_size' => 20000000,),)
ESSubpageMasterFilterPatterns	array ()
ESSubpageMasterFilterUseRootOnly	true
ESUseSharedUploads	false
ESWildcardingOperators	array (0 => '+', 1 => ' ', 2 => '*', 3 => '(', 4 => ')', 5 => '~',)
ESWildcardingSeparators	array (0 => ',', 1 => '.', 2 => ';', 3 => '-', 4 => '_',)
ExtendedSearchExternalFilePathsExcludes	array ()
TagSearchSearchFieldTemplatePath	'/resources/templates'

API Modules

- [bs-extendedsearch-autocomplete](#)
- [bs-extendedsearch-query](#)
- [bs-extendedsearch-resultrelevance](#)
- [bs-extendedsearch-stats](#)
- [bs-extendedsearch-triggerupdate](#)
- [bs-extendedsearch-type-store](#)

Hooks

- [BSUEModulePDFBeforeCreatePDF](#)

- [BeforePageDisplay](#)
- [ChameleonSkinTemplateOutputPageBeforeExec](#)
- [GetPreferences](#)
- [LoadExtensionSchemaUpdates](#)
- [MWStakeCommonUIRegisterSkinSlotComponents](#)
- [MWStakeRunJobsTriggerRegisterHandlers](#)
- [NamespaceManager::editNamespace](#)
- [UserMergeAccountFields](#)

Accessibility

Test status:	2-testing complete
Checked for:	Web
Last test date:	2022-08-08
WCAG level:	AA
WCAG support:	partially supports (workaround:)
Comments:	• filter pills, buttons: don't indicate focus, so they cannot easily be opened with keyboard although technically it would already work. • all buttons announce "blank" and cannot be distinguished. erm: 29483
Extension type:	core
Extension focus:	reader

Category:Extension

Extensions that are bundled with one or more BlueSpice pro editions.

Pages in category "Extension"

The following 200 pages are in this category, out of 214 total.

(previous page) ([next page](#))

A

- [Reference:Arrays](#)
- [Reference:AtMentions](#)
- [Reference:Auth remoteuser](#)

B

- [Reference:BlueSpiceAbout](#)
- [Reference:BlueSpiceArticleInfo](#)
- [Reference:BlueSpiceArticlePreviewCapture](#)
- [Reference:BlueSpiceAvatars](#)
- [Reference:BlueSpiceBookshelf](#)
- [Reference:BlueSpiceCategoryCheck](#)
- [Reference:BlueSpiceCategoryManager](#)
- [Reference:BlueSpiceChecklist](#)
- [Reference:BlueSpiceCloudClient](#)
- [Reference:BlueSpiceConfigManager](#)
- [Reference:BlueSpiceContextMenu](#)
- [Reference:BlueSpiceCountThings](#)
- [Reference:BlueSpiceCustomMenu](#)
- [Reference:BlueSpiceDashboards](#)
- [Reference:BlueSpiceDiscovery](#)
- [Reference:BlueSpiceDistributionConnector](#)
- [Reference:BlueSpiceDrawioConnector](#)
- [Reference:BlueSpiceEchoConnector](#)
- [Reference:BlueSpiceEmoticons](#)
- [Reference:BlueSpiceExpiry](#)
- [Reference:BlueSpiceExportTables](#)
- [Reference:BlueSpiceExtendedFilelist](#)
- [Reference:BlueSpiceExtendedSearch](#)
- [Reference:BlueSpiceExtendedStatistics](#)
- [Reference:BlueSpiceFilterableTables](#)
- [Reference:BlueSpiceFlaggedRevsConnector](#)
- [Reference:BlueSpiceFoundation](#)
- [Reference:BlueSpiceGroupManager](#)
- [Reference:BlueSpiceHideTitle](#)
- [Reference:BlueSpiceInsertCategory](#)
- [Reference:BlueSpiceInsertFile](#)
- [Reference:BlueSpiceInsertLink](#)
- [Reference:BlueSpiceInsertMagic](#)
- [Reference:BlueSpiceInsertTemplate](#)
- [Reference:BlueSpiceInstanceStatus](#)
- [Reference:BlueSpiceInterWikiLinks](#)
- [Reference:BlueSpiceInterwikiSearch](#)
- [Reference:BlueSpiceMultiUpload](#)
- [Reference:BlueSpiceNamespaceManager](#)
- [Reference:BlueSpiceNSFileRepoConnector](#)
- [Reference:BlueSpicePageAccess](#)
- [Reference:BlueSpicePageAssignments](#)
- [Reference:BlueSpicePageFormsConnector](#)
- [Reference:BlueSpicePagesVisited](#)
- [Reference:BlueSpicePageTemplates](#)
- [Reference:BlueSpicePermissionManager](#)
- [Reference:BlueSpicePlayer](#)

- [Reference:BlueSpicePrivacy](#)
- [Reference:BlueSpiceProDistributionConnector](#)
- [Reference:BlueSpiceQrCode](#)
- [Reference:BlueSpiceRating](#)
- [Reference:BlueSpiceReadConfirmation](#)
- [Reference:BlueSpiceReaders](#)
- [Reference:BlueSpiceReminder](#)
- [Reference:BlueSpiceRSSFeeder](#)
- [Reference:BlueSpiceSaferEdit](#)
- [Reference:BlueSpiceSignHere](#)
- [Reference:BlueSpiceSmartList](#)
- [Reference:BlueSpiceSMWConnector](#)
- [Reference:BlueSpiceSocial](#)
- [Reference:BlueSpiceSocialBlog](#)
- [Reference:BlueSpiceSocialComments](#)
- [Reference:BlueSpiceSocialMicroBlog](#)
- [Reference:BlueSpiceSocialProfile](#)
- [Reference:BlueSpiceSocialRating](#)
- [Reference:BlueSpiceSocialResolve](#)
- [Reference:BlueSpiceSocialTags](#)
- [Reference:BlueSpiceSocialTimelineUpdate](#)
- [Reference:BlueSpiceSocialTopics](#)
- [Reference:BlueSpiceSocialWatch](#)
- [Reference:BlueSpiceTagCloud](#)
- [Reference:BlueSpiceUEModuleBookPDF](#)
- [Reference:BlueSpiceUEModuleDOCX](#)
- [Reference:BlueSpiceUEModuleHTML](#)
- [Reference:BlueSpiceUEModulePDF](#)
- [Reference:BlueSpiceUEModulePDFRecursive](#)
- [Reference:BlueSpiceUEModulePDFSubpages](#)
- [Reference:BlueSpiceUEModuleTable2Excel](#)
- [Reference:BlueSpiceUniversalExport](#)
- [Reference:BlueSpiceUsageTracker](#)
- [Reference:BlueSpiceUserInfo](#)
- [Reference:BlueSpiceUserManager](#)
- [Reference:BlueSpiceUserSidebar](#)
- [Reference:BlueSpiceVisualEditorConnector](#)
- [Reference:BlueSpiceWatchList](#)
- [Reference:BlueSpiceWebDAVClientIntegration](#)
- [Reference:BlueSpiceWebDAVMinorSave](#)
- [Reference:BlueSpiceWholsOnline](#)
- [Reference:BlueSpiceWikiExplorer](#)
- [Reference:BlueSpiceWikiFarm](#)

C

- [Reference:CategoryTree](#)
- [Reference:Checklists](#)
- [Reference:Cite](#)

- [Reference:CiteThisPage](#)
- [Reference:CodeEditor](#)
- [Reference:CodeMirror](#)
- [Reference:CognitiveProcessDesigner](#)
- [Reference:ConfirmAccount](#)
- [Reference:ConfirmEdit](#)
- [Reference:ContainerFilter](#)
- [Reference:ContentDroplets](#)
- [Reference:ContentProvisioning](#)
- [Reference:ContentStabilization](#)
- [Reference:ContentTransfer](#)
- [Reference:CreateUserPage](#)

D

- [Reference:Data Transfer](#)
- [Reference:DateTimeTools](#)
- [Reference:DrawioEditor](#)
- [Reference:DynamicPageList3](#)

E

- [Reference:Echo](#)
- [Reference:EmbedVideo](#)
- [Reference:EmbedVideo \(fork\)](#)
- [Reference:EnhancedUpload](#)
- [Reference:EventBus](#)
- [Reference:External Data](#)
- [Reference:ExtJSBase](#)

F

- [Reference:FilterSpecialPages](#)
- [Reference:FlaggedRevs](#)
- [Reference:FlexiSkin](#)
- [Reference:FontAwesome](#)
- [Reference:Forms](#)

G

- [Reference:Gadgets](#)

H

- [Template:Hdsk PT Extension HW](#)
- [Template:Hdsk PT Extension MW](#)
- [Reference:Header Tabs](#)
- [Reference:HeaderFooter](#)
- [Reference:HitCounters](#)

I

- [Reference:ImageMap](#)
- [Reference:ImageMapEdit](#)
- [Reference:ImportOfficeFiles](#)
- [Reference:InputBox](#)
- [Reference:Interwiki](#)
- [Reference:InviteSignup](#)

L

- [Reference:LDAP Authorization](#)
- [Reference:LDAPAuthentication2](#)
- [Reference:LDAPGroups](#)
- [Reference:LDAPProvider](#)
- [Reference:LDAPSynAll](#)
- [Reference:LDAPUserInfo](#)
- [Reference:Lingo](#)
- [Reference:LocalisationUpdate](#)
- [Reference:LoginNotify](#)
- [Reference:Loops](#)

M

- [Reference:Maps](#)
- [Reference:Math](#)
- [Reference:MediaWiki](#)
- [Reference:MenuEditor](#)
- [Reference:MergeArticles](#)
- [Reference:MultimediaViewer](#)

N

- [Reference:NSFileRepo](#)
- [Reference:Nuke](#)

O

- [Reference:OATHAuth](#)
- [Reference:OOJSPlus](#)
- [Reference:OpenID Connect](#)
- [Reference:OpenLayers](#)

P

- [Reference:Page Forms](#)
- [Reference:PageCheckout](#)
- [Reference:PageHeader](#)
- [Reference:PageImages](#)
- [Reference:ParserFunctions](#)

- [Reference:ParserHooks](#)
- [Reference:PDFEmbed](#)
- [Reference:PdfHandler](#)
- [Reference:PluggableAuth](#)
- [Reference:Poem](#)
- [Reference:Popups](#)
- [Reference:PreToClip](#)

R

- [Archive:Reference:BlueSpiceCalumma](#)
- [Archive:Reference:BlueSpiceLatexRenderer](#)
- [Archive:Reference:BlueSpiceMatomoConnector](#)
- [Archive:Reference:BlueSpiceNamespaceCSS](#)
- [Archive:Reference:BlueSpiceSocialWikiPage](#)
- [Archive:Reference:Bootstrap](#)
- [Archive:Reference:Chameleon](#)
- [Reference:Renameuser](#)
- [Reference:Replace Text](#)
- [Reference:RevisionSlider](#)
- [Reference:RSS](#)

S

- [Reference:Scribunto](#)
- [Reference:SectionAnchors](#)
- [Reference:SecureLinkFixer](#)
- [Reference:Semantic Compound Queries](#)
- [Reference:Semantic Extra Special Properties](#)
- [Reference:Semantic MediaWiki](#)
- [Reference:Semantic Result Formats](#)
- [Reference:Semantic Scribunto](#)
- [Reference:SimpleSAMLphp](#)
- [Reference:SimpleTasks](#)
- [Reference:SpamBlacklist](#)
- [Reference:StandardDialogs](#)
- [Reference:SubPageList](#)
- [Reference:SyntaxHighlight](#)

T

- [Reference:TabberNeue](#)
- [Reference:TemplateData](#)
- [Reference:TemplateStyles](#)
- [Reference:TextExtracts](#)
- [Reference:TitleBlacklist](#)

([previous page](#)) ([next page](#))

GPL-3.0-only

Redirect to:

- [GPL v3](#)

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	15
2 Quick search	15
2.1 Recently viewed v4.4.1+	15
2.2 Title search	15
2.3 Namespace and subpage "pills"	16
2.4 Dates as search terms	17
3 Search Center (extended search)	17
3.1 Search operators	18
3.1.1 AND	18
3.1.2 " (apostrophes)	18
3.1.3 NOT	18
3.1.4 OR	19
3.1.5 * (wildcard)	19
3.2 Elements	19
3.2.1 Results relevance	21
3.2.2 Exporting search results	21
4 Configuration	21
5 SearchAdmin	23

Usage

Extended search offers two ways of searching for content:

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

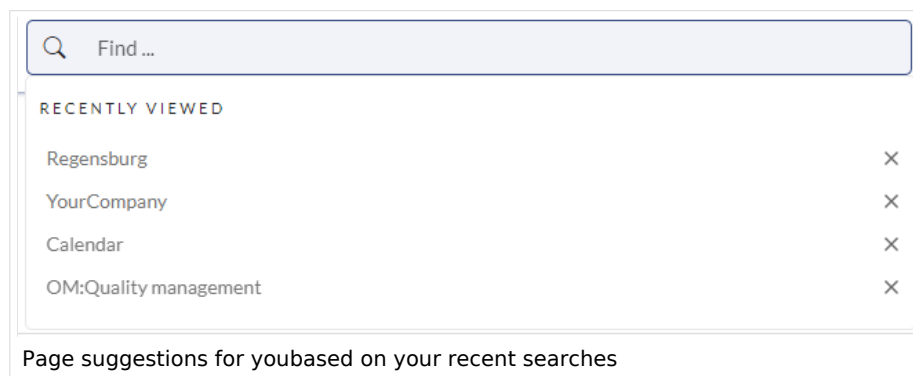
By default, the search indexes:

- **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 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 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):

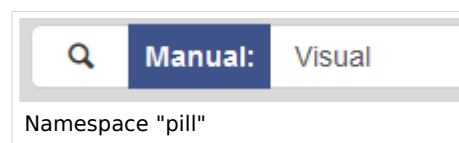
1. It is **not case-sensitive**: "qual" or "Qual" return the same results.

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"

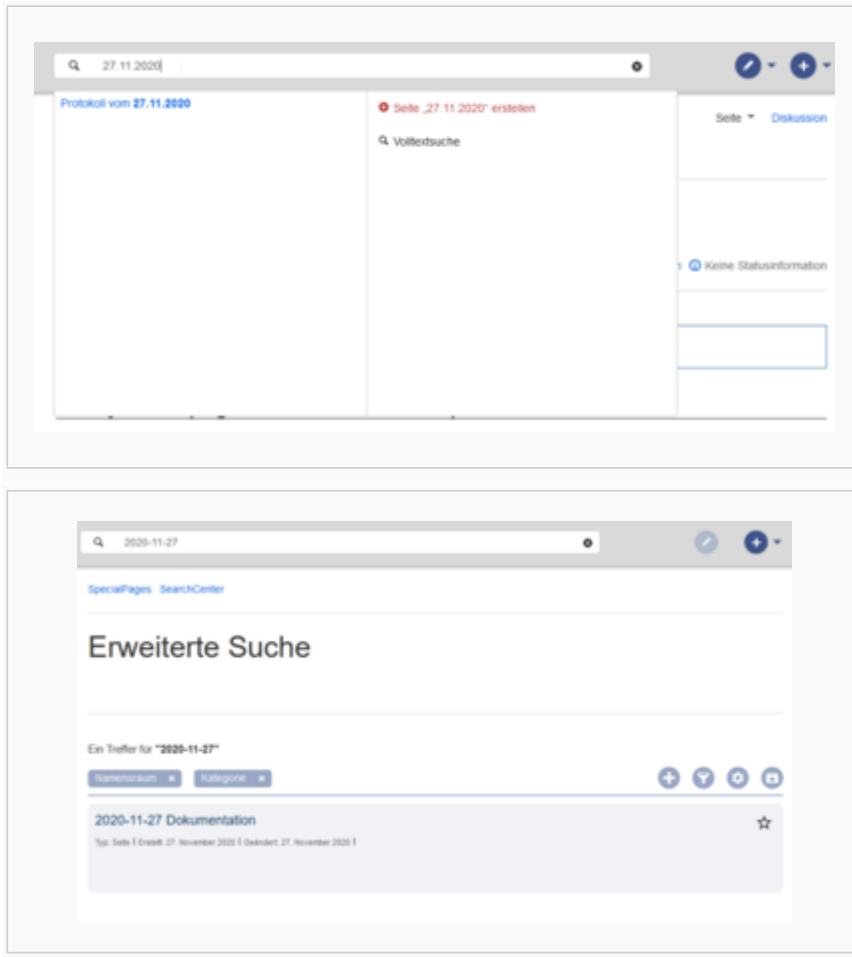
The search bar supports pills for namespaces and subpages.



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".

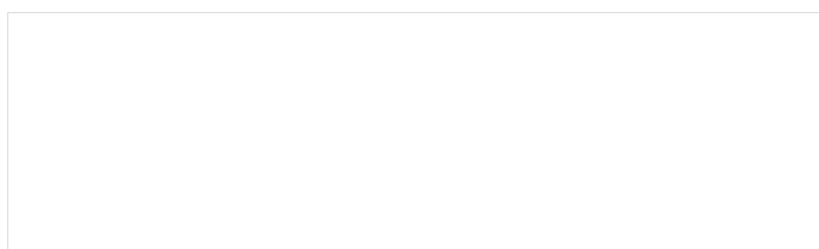
Dates as search terms

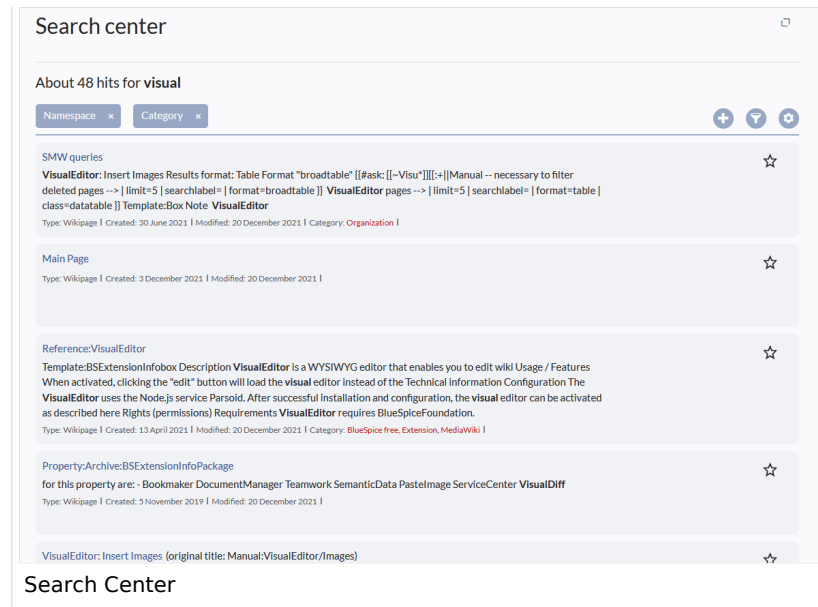
The search recognizes certain date formats. In the search center, these date formats are treated with surrounding quotation marks.



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

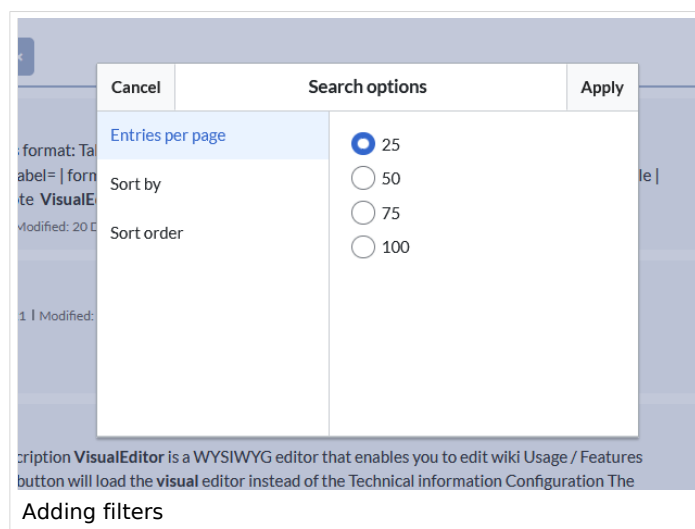
- `admin OR docu` : Returns pages that contain **either the exact term** `admin` **or the exact term** `docu` .

* (wildcard)

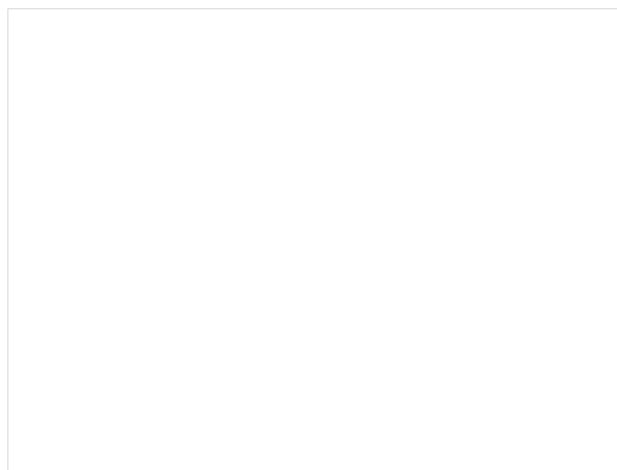
- `admin*` : Returns pages that contain words that begin with `admin` .

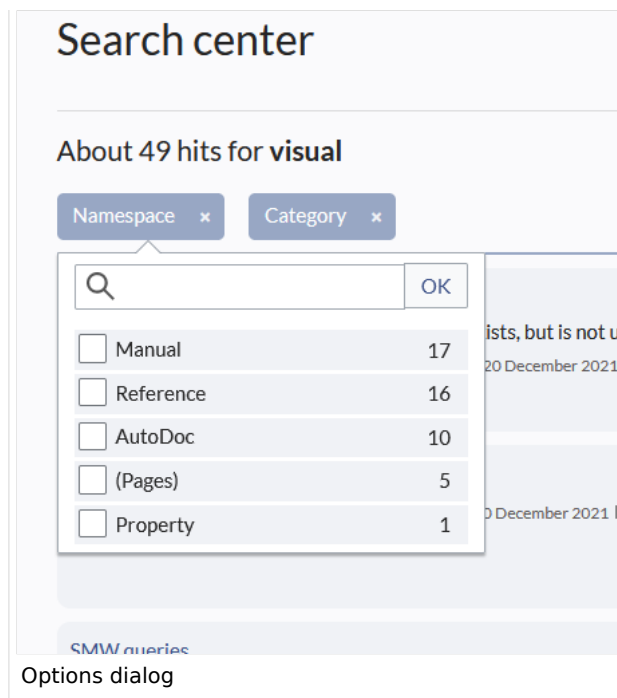
Elements

- **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.

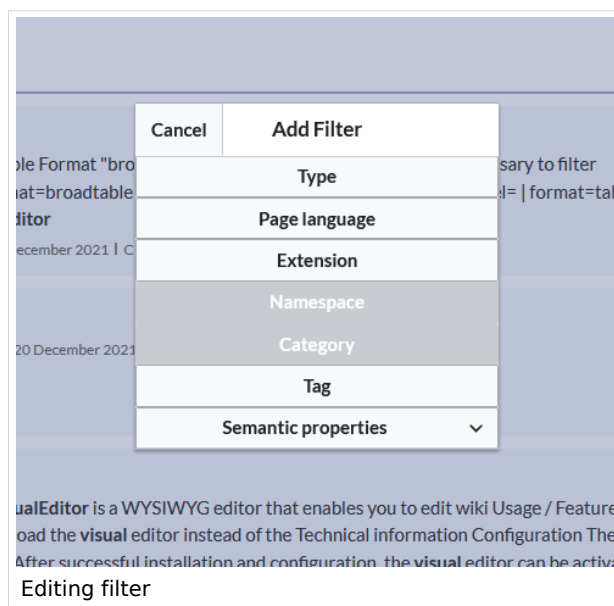


- Search options - represented by a "gear" icon - opens a dialog where users can change settings for the current search. It provides options like the number of results per page, sorting field and order.





- 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 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.

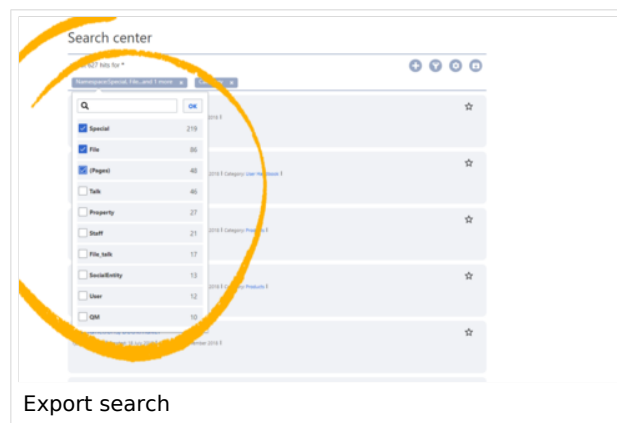
Results relevance

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*.



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/ 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

☐ 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

S:\ *

URL prefix

file:///S:/ ✓ 1

☐ Use simple autocomplete
 ☐ Automatically set language filter

Exclude patterns

No values set!

Add new entry

Physical path

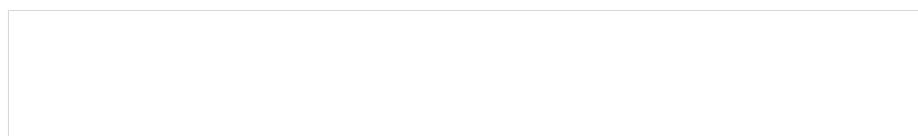
*

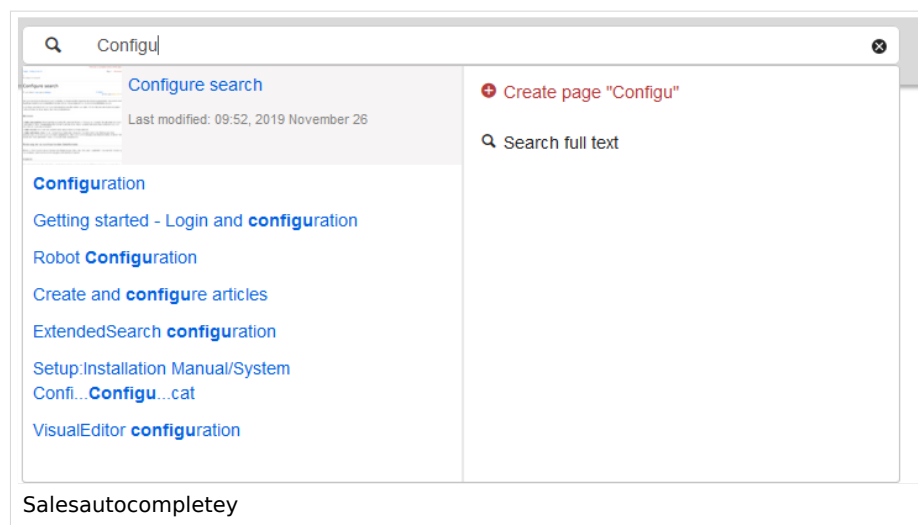
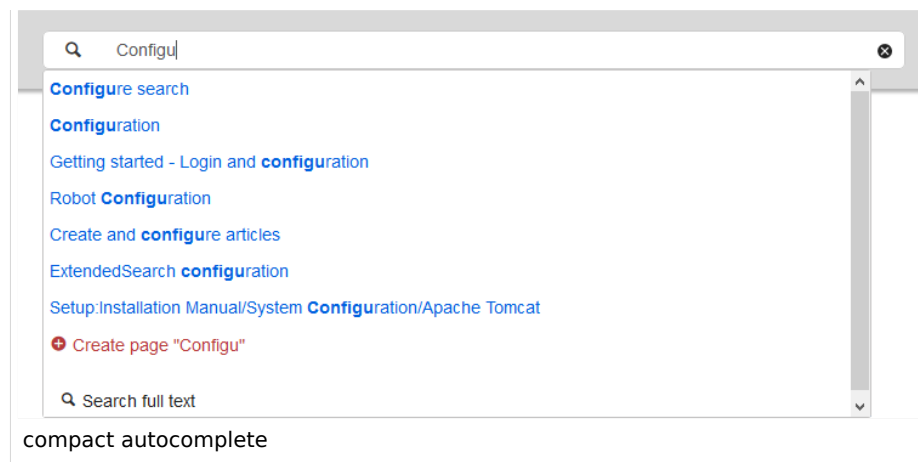
Exclude regular expression pattern

* ✓

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](#)

