



# Features

## BlueSpice

## Search and navigation

### Find information quickly and reliably

Search articles and file attachments (e.g. PDF files and Office documents) with a high-performance full text and title search as well as a fuzzy search. Filtering the search results delivers fast and reliable results. You can also find your content by searching and browsing the meta data.

Short/Extension	Feature description	Free	Pro
Semantic search	Access to knowledge about intelligent queries (filter pages by additional information, display them in an overview page and save queries as "concepts")	X	o
Semantic Browsing	Display metadata of a page and find all pages with the same metadata	X	o
	Title and full text search	o	o
	Advanced search: phrase and fuzzy search, search with wildcards and operators Personal weighting of search hits	o	o
Faceted search	Limitation of search results through filters (faceted search) e.g. by namespace, category or metadata of a page	o	o
File search	Full text search in attached documents (PDF, DOCX etc.)	o	o
Autocomplete	Automatic completion of the search entry (Autocomplete)	o	o

Search-as-you-type	Presentation of first search hits already during the input (Search-as-you-type)	o	o
Export of results	Export of search hit list	o	o
Sucheinstellungen	Configuration of search settings via the backend	o	o
"All pages" list	Display all pages and filter according to certain parameters	o	o
ContextMenu	Use of context-sensitive functions by clicking the right mouse button	o	o
ImageMap	Enrichment of image files through clickable links (Image Map)	o	o
Redirects	Insert forwarding, for example for different terms with the same meaning	o	o
Spezialseiten filtern	Search special pages for specific terms	o	o
Full screen mode	Display with full screen width selectable	o	o
Focus	Personal menu	o	o

## Content structuring

### Link and organize knowledge like in Wikipedia

Whether classically structured or highly dynamic: BlueSpice is the software of choice to optimally manage your company knowledge. Work with exactly the tools that have made Wikipedia unbeatable: Categories, references and links, rooms for protected content, redirects, templates and much more.

Short/Extension	Feature description	Free	Pro
page forms	Convenient and secure editing of metadata using forms	X	o
Namespaces	Creation of spaces and controlled access to content	o	o
Subpage	Hierarchical arrangement of content and quick access via breadcrumb navigation	o	o
Templates	Unification of page structures and design through templates; e.g. embedding of info boxes	o	o
Page templates	Creation of new pages with standard text elements and structures	o	o
Manage page templates	Central administration of all page templates	o	o
Categories	Grouping of pages with similar topics in a hierarchical indexing system	o	o
Category Manager	Central administration of categories via a comfortable user interface	o	o

Table of contents	Adding an automatically generated table of contents at the beginning of an article	<input type="radio"/>	<input type="radio"/>
Transclusion	Integration of content from any article into another article	<input type="radio"/>	<input type="radio"/>
Move pages	Renaming pages and moving them to other namespaces	<input type="radio"/>	<input type="radio"/>

## Visual editor

### Create and edit appealing articles

Use a sophisticated WYSIWYG editor with numerous formatting options for texts and tables (headings, font styles, colors, etc.). Insert images quickly and easily using “drag & drop”. Working with links and categories is as convenient as inserting tags and checkboxes.

Short/Extension	Feature description	Free	Pro
Visual Editor	Simple and fast editing without Wikicode via a graphical display (WYSIWYG)	○	○
Image import	Inserting image files with Drag & Drop or Copy & Paste	○	○
InsertFile	Wizards support the insertion of images, files, links, categories etc.	○	○
InsertTemplate	Insert and edit templates with a few clicks	○	○
Tables	Inserting and editing tables and assigning table styles and functions such as sorting contents and exporting tables	○	○
Find&Replace	Searching and replacing parts of text	○	○
WikiEditor	Editing the wiki source code	○	○
CodeEditor	Insert and edit software code in the Visual Editor with syntax highlighting and auto-completion (Ace Editor)	○	○
ImageMapEdit	Wizard for creating ImageMaps	○	○

Section processing	Selective editing of sections of an article	<input type="radio"/>	<input type="radio"/>
Processing preview	Review of a edited article or section before saving it	<input type="radio"/>	<input type="radio"/>
Edit conflicts	Notification of authors while simultaneously editing an article	<input type="radio"/>	<input type="radio"/>

## Rich articles

### Enrich articles with attractive content

Expand pages with dynamic content and visualizations such as videos, process diagrams (drawio), image maps or semantic data. Use widgets to integrate podcasts, presentations or Google Maps. Via APIs you can integrate external content such as a Lotus Notes database or SharePoint document lists..

Short/Extension	Feature description	Free	Pro
Player	Integration of a HTML video player to display mp4, ogv, flv and webm files	X	o
LatexRenderer	Display of mathematical formulas (LaTeX)	X	o
Widgets	Integration of external content, e.g. from social media via widgets	X	o
HeaderTabs	Tabs in the content view	X	o
Semantic Result Formats	Addition of a large number of other output formats such as calendar formats, timelines, diagrams and graphics	X	o
Drawio / Flowcharts	Integration of the free online diagram software Draw.io for the creation of flow, process, UML, ER and network diagrams and organization charts (Internet access required)	X	o
SemanticMaps	Visualization of geographic data with dynamic, JavaScript-based mapping APIs such as Google Maps, OpenStreetMap and OpenLayers	X	o



EmbedVideo	Embedding of video clips from over 24 popular video portals	o	o
PDF-Handler	View uploaded PDF files in a multi-page preview layout	o	o
Category tree	Dynamic display of the category structure of the wiki	o	o
TagCloud	Display (animated) TagClouds in articles	o	o
TagSearch	Configurable search input fields for articles and portals	o	o
MagicWords	Insert functions, behaviour buttons and wiki metadata into articles	o	o
Hide title	Optional hide page title	o	o
Title display	Alternative display of the page title	o	o
Syntax Highlighting	Improvement of the readability of source code through colour highlighting	o	o
ParserFunctions	Inserting many functions to program dynamic templates	o	o
CheckList	Insert checklists and edit them in read mode	o	o
Citation function	Integrate references and footnotes in one page	o	o
Who's online?	Display logged-in user	o	o
Arrays	Storage and calculation of data fields (arrays) and output in wiki articles	o	o
RSS	Integration of RSS feeds in wiki articles	o	o
MultimediaViewer	Display images and other media formats in large format in the wiki	o	o
InputBox	Integration of input fields in articles	o	o

Lingo	Creation of glossaries: Define abbreviations and definitions centrally. Definitions are displayed when an abbreviation is overlined in the article.	o	o
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## Document management

### Direct access to Office documents

Supplement wiki articles with Word, Excel or PDF documents, for example – including multiple uploads, categorization, versioning and access restriction. With the appropriate server configuration, Office documents can be sorted and edited directly in the wiki.

This is convenient, time-saving and improves productivity.

Short/Extension	Feature description	Free	Pro
Attachments	Simple attachment of files to an article using drag & drop	X	o
Multiupload	Simultaneous upload of multiple files to the wiki	X	o
Extended file list	Comfortable searching, filtering and sorting of files	X	o
File access restriction	Restriction of upload and read rights for documents to user groups and namespaces	X	o
	Approval process and requesting a read receipt for files	X	o
Duplicate calibration	Automatic versioning and duplicate matching when uploading new files	o	o
Duplicate search	Finding identical files	o	o
Upload maximum	Limitation of the maximum upload size for all files to be uploaded	o	o

File description	Description of the file content	o	o
File categorization	Grouping of documents via keywords	o	o
File versioning	Storage of file versions with timestamp and user ID	o	o

## Data analysis

### Linking and reading out metadata

BlueSpice supports the handling of metadata like no other Wiki. Enrich articles with further information such as diagrams, queries or timelines and display metadata such as the publication date, the date of the last editing or information about the author on the corresponding wiki page.

Short/Extension	Feature description	Free	Pro
Semantic extensions	Numerous extensions for working with metadata, lists and forms (Semantic MediaWiki)	X	o
ArticleInfo	Display of meta information of a page in the article status bar	o	o
Authors	Display all authors of an article	o	o
Readers	Display of the page visitors	o	o
Variables	Working with dynamic variables in an article	o	o

## Reporting

### Track changes in a targeted manner

BlueSpice provides the unique set of reporting and notification functions from Wikipedia. This allows you to track the latest changes in namespaces, categories, linked pages or by users. In addition, you can find outdated content and stay well informed via your dashboard and configurable lists.

Short/Extension	Feature description	Free	Pro
Versioning	Overview of all changes to articles, image files and attached documents	○	○
Summary of the changes	Submitting a summary of changes	○	○
Watchlist	Follow articles and pages and receive notifications of changes	○	○
Notification system / Notifications	Notes for users about current activities via e-mails and alerts	○	○
Digest	Aggregation of e-mail notifications into daily and weekly digest	○	○
Dashboards	Individually configurable dashboards for users and administrators	○	○
SmartList	Embedding of a list with recent changes in a wiki page; filterable by categories, namespaces, period, etc.	○	○
Related changes	View recent changes in linked pages with optional hiding of minor adjustments	○	○

What links here?	View all pages that link to the current page ("backlinks")	<input type="radio"/>	<input type="radio"/>
New pages and files	Listing and administration of new pages and files	<input type="radio"/>	<input type="radio"/>
Orphaned pages	Identification of orphaned items, files, categories and templates	<input type="radio"/>	<input type="radio"/>
Pages without categories	Identification of pages, templates and files without categories	<input type="radio"/>	<input type="radio"/>
Old pages	Identification of content that has not been edited for a long time	<input type="radio"/>	<input type="radio"/>
Short and long articles	Lists of articles that are too short or too long	<input type="radio"/>	<input type="radio"/>
Defective forwarding	List with redirects to non-existing pages	<input type="radio"/>	<input type="radio"/>
Active users	List of users who have made changes in the last 30 days	<input type="radio"/>	<input type="radio"/>
User contributions	List of all articles a user has worked on	<input type="radio"/>	<input type="radio"/>
WatchList	Overview of changes to pages that the user watches	<input type="radio"/>	<input type="radio"/>
HitCounters	Counts the hits of a page or an article	<input type="radio"/>	<input type="radio"/>
RSS	Subscription to an RSS feed about all changes (e.g. watch list, blog posts, pages with specific categories ...)	<input type="radio"/>	<input type="radio"/>
Extended statistics	Creation of graphical statistics	<input type="radio"/>	<input type="radio"/>
DynamicPageList	Generation of lists with pages of a certain category; can be supplemented with additional information	<input type="radio"/>	<input type="radio"/>

## Communication & Collaboration

### Discuss content revisions in the team

Discuss changes to an article or corresponding proposals. Follow discussions and collect and rate ideas. All discussion contributions are brought together in a central timeline and can be individually filtered. And in the wiki-internal blog, employees can find out about major revisions, campaigns and news from the author community.

Short/Extension	Feature description	Free	Pro
Blog	Creating blog articles and embedding them in pages	X	o
Comments	Comments and discussions on wiki articles, as well as following and rating comments	X	o
Microblog	Short messages in microblog style	X	o
SocialProfile	Timeline with personal activities and communications on the user side	X	o
Timeline	Aggregation of discussions and contributions in a central timeline	X	o
Rating	Rating of articles (stars)	X	o
Discussion page	Discussion page for each article to record ideas and exchange	o	o



## Quality assurance

### Coordinate assessments and approvals

Watch articles and get notified about changes. Assign articles to specific editors or activate a review and release mechanism (workflow). Additional functions such as resubmission of articles or marking an article as “outdated” complete the quality assurance.

Short/Extension	Feature description	Free	Pro
VisualDiff	Display of differences between two article versions in three different views with highlighting of changes	X	o
Release	Revisions in draft versions until publication of the changes	X	o
Review	Control review and approval processes with workflows	X	o
Resubmission	Creation of reminders to check that an article is up-to-date	X	o
actuality	Marking articles as obsolete after a certain date	X	o
Read confirmation	Query whether an article was read after a change (read confirmation)	X	o
Article Allocation	Assignment of responsible editors or groups to articles	X	o
	Overview pages for managing reviews, resubmissions, obsolete pages and much more	X	o
WikiExplorer	Filterable and sortable list of all wiki pages for combined queries according to selection criteria (responsible editors, assigned categories, last change, etc.)	X	o

SignHere	Inserting a signature directly in the read view of an article	X	o
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## Book functionalities

### Create and export books and scripts

Combine individual articles from your wiki and create manuals, documentation or instructions including navigation. Export your manuals and provide them with file attachments, a clickable table of contents and a cover page in your individual corporate design.

Short/Extension	Feature description	Free	Pro
Book administration	Manage any number of books	X	o
Book content	Compiling books with Drag & Drop	X	o
Mass import	Merge many pages at once into one book (all articles of a category, all subpages of a page, with certain semantic attributes or page collections)	X	o
Chapter navigation	Own navigation area for books (book selection and table of contents of the selected book)	X	o
Copy books	Use of existing books as copy templates for new books	X	o
Book export	Export books with title pages, clickable tables of contents, release notes and linked documents (PDF, DOCX)	X	o

## Export

### External processing of wiki contents

Export your wiki articles including tables as DOCX, XML, HTML or PDF. But also overviews from the wiki administration can be converted into CSV or XLXS tables and processed further (e.g. the overview of user rights).

Short/Extension	Feature description	Free	Pro
ExportTables	Export of tables in Excel or CSV format	X	o
	DOCX single page export (requires a license from the manufacturer)	o	o
	PDF single page export	o	o
	XML single page export	o	o
	HTML single page export	o	o
	Single page printing (print output)	o	o

## Administration

### Manage user rights conveniently

BlueSpice pro makes the administration of your wiki a breeze. The setup of users, namespaces, groups and rights is done via graphical user interfaces and assignment of defined roles. As administrator you can also rename and merge accounts, copy articles or replace text parts in all articles.

Short/Extension	Feature description	Free	Pro
Duplicator	Easy copying of articles	X	o
Replace Text	System-wide modification of text elements and titles via a special page or a command line	X	o
Installer	Guided setup during installation	o	o
Inter-nationalization	User interface support for over 40 languages	o	o
User administration	Simple administration of all user accounts	o	o
Namespace administration	Central administration of the namespaces	o	o
Group management:	Setup and administration of user groups	o	o

Rights management	Assignment of rights for namespaces and groups; display of blocked rights	o	o
Configuration management	Adaptation / configuration of the Wiki via a central page	o	o
Logs	Automatic recording of all actions in the wiki (e.g. all page deletions)	o	o
Settings	Adjusting the settings of individual extensions	o	o
RenameUser	Change of user names by authorized users	o	o
UserMerge	Combining multiple users into one account	o	o
InterWikiLinks	Fast linking of contents of different Wikis with prefixes	o	o
Nuke	Mass deletion of articles by administrators	o	o
ImportPages:	Import of XML-Dumps	o	o
	Access to thousands of free extensions / extensions on <a href="https://www.mediawiki.org/">MediaWiki.org</a>	o	o

## Infrastructure

### Interfaces and open source frameworks

With BlueSpice, the connection to a central authentication system (LDAP / AD, SAML) is as natural as the provision of APIs. The script language Lua opens up many design possibilities for developers, e.g. the automation of templates.

Short/Extension	Feature description	Free	Pro
LDAP Authentication	Login via a central authentication server (LDAP / AD)	X	o
Scribunto	Lua as scripting language for templates (Scribunto)	X	o
ExternalData	Integration, filtering and formatting of data from external sources	X	o
SMWConnector	Technische Integration von Semantic MediaWiki für den reibungslosen Betrieb in BlueSpice	X	o
SimpleSAMLphp	Authentication with SAML (Security Assertion Markup Language)	o	o
OATHAuth	Authentication support through HMAC-based one-time passwords	o	o
REST API	Access to content and metadata in machine-readable formats	o	o
Bootstrap	Support of the <a href="#">Bootstrap-Framework</a>	o	o
ExtJSBase	Adding the GPL version of the ExtJS Rich Internet Application Framework	o	o
Gadgets	Selection of gadgets based on JavaScript or CSS	o	o

CountThings	Counting of defined metadata and output of the results on any wiki page	<input type="radio"/>	<input type="radio"/>
SaferEdit	Automatic saving of articles while you edit them	<input type="radio"/>	<input type="radio"/>



## Security

### System security and data protection

BlueSpice offers important safety functions. From secure connection establishment via “https” and Captcha technologies to privacy functions for compliance with the European data protection regulation – with BlueSpice you are on the safe side.

Short/Extension	Feature description	Free	Pro
Register	Registration and login mechanism	○	○
PageAccess	Pagewise access protection on the basis of group rights	○	○
ConfirmEdit	CAPTCHA technologies to prevent spambots and automated tools from processing	○	○
Privacy	Allows users to control the way their data is collected and used by the wiki (according to EU-GDPR)	○	○
SpamBlacklist	Blocking of entries of unwanted URLs (Blacklist)	○	○
TitleBlacklist	Prevent the creation of new articles and user accounts by using certain terms	○	○
CookieWarning	Note on the use of cookies	○	○
HTTPS	Secure connection establishment via https	○	○

## Personalization

### Customizable user interfaces

The BlueSpice user settings help you to configure your individual wiki. Via the dashboard and your navigation bar you can navigate directly to the topics that interest you. On your user page, you not only have access to your online profile, but also the possibility to store notes.

Short/Extension	Feature description	Free	Pro
SocialProfile	Profile with semantic metadata (e.g. department, extension etc.)	X	o
User page	Own user pages for every user with an account	o	o
User settings	Management of personal settings	o	o
UserSidebar	Individual user navigation for personally important topics	o	o
Visited pages	Automatically generated overview lists for e.g. last accessed pages, edits etc.	o	o
Avatars	Generically created or uploaded user images (avatars)	o	o

## Design / skinning

### Adaptation to your corporate design

The adaptation of BlueSpice to the corporate design of your company creates identity, supports orientation and increases user acceptance. From minor adaptations, to our “Branding Package”, to an independent skin. We make sure that you always cut a good figure with BlueSpice.

Short/Extension	Feature description	Free	Pro
Skins	Implementation and configuration of themes	○	○
Custom CSS	Creation of the design via CSS stylesheets	○	○
NamespaceCSS	Use of different CSS stylesheets in namespaces	○	○
TemplateStyles	Loading stylesheets from a wiki page via tag	○	○

## Mobile use / responsiveness

### Access your Wiki on the road

The world is mobile: Search, browse and edit Wiki articles with your mobile devices such as tablet or smartphone. Take a look at your current notifications on the go and stay up to date wherever you are.

Short/Extension	Feature description	Free	Pro
Mobile browsing and searching	Use of Wiki menus and search functions and editing of articles on a mobile device	○	○
Notification system	Output of the latest changes and notifications on a mobile device	○	○
QR Code	QR code for scanning and retrieving articles with mobile devices	○	○



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**BlueSpice is a brand of Hallo Welt! GmbH, a worldwide leading provider and consultant for MediaWiki solutions.**

Our company was founded to make the technology and concepts of Wikipedia usable for companies. Since 2007 we have been developing the knowledge management platform BlueSpice based on the open source software MediaWiki. With our growing team of more than 20 employees, we offer companies an enterprise software for the implementation of integrated management systems, documentation systems, organization manuals, intranet wikis and flexible knowledge bases. We ensure that your wiki project is professionally planned, implemented and maintained. Let's wiki together!