

Contents

1. BlueSpice	16
2. MediaWiki	9
3. QM:Process Descriptions	23
4. QM:Quality Management (Portal)	30
5. IT Documentation	37
6. Technical Documentation	44

BlueSpice



Contents

1 BlueSpice MediaWiki	3
1.1 BlueSpice free	3
1.2 BlueSpice pro	3
1.3 BlueSpice farm	3
2 BlueSpice editions at a glance	3
3 Typical Use Cases	5
4 Functions at a glance	5
4.1 Content structuring	5
4.2 High performance search	6
4.3 Visual editor	6
4.4 Dynamic content	6
4.5 Document management	6
4.6 Reporting	6
4.7 Export	6
4.8 Administration	7
4.9 Infrastructure and security	7
4.10 Personalization	7
4.11 Layout and design	7
4.12 Responsivity	7
4.13 Quality assurance (BlueSpice pro)	7
4.14 Manuals (BlueSpice pro)	8
4.15 Data analysis / semantics (BlueSpice pro)	8
4.16 Collaboration (BlueSpice pro)	8
5 About Us	8
5.1 Idea, history and present	8
5.2 Business model	8
6 Related Links	8

BlueSpice MediaWiki

BlueSpice is an open source business wiki for professional knowledge and information management. It is based on [MediaWiki](#), the software of Wikipedia (therefore "BlueSpice MediaWiki") enhancing it with enterprise functions such as

- a visual editor for simple and intuitive text and table editing,
- a high-performance search ([Elastic Search](#)),
- interfaces to common enterprise IT applications (e.g. LDAP),
- administrative rights including user and group management,
- improvements with regard to system / IT security as well as
- custom trainings and complementary services.

BlueSpice is programmed in PHP and can be operated on Windows and Linux systems. In order to guarantee the stability and expandability of the system, the programming code of MediaWiki is not modified. BlueSpice is published under the GPL v3 license and delivered in three editions:

BlueSpice free

BlueSpice free is a free of charge **extraction** from BlueSpice pro with a **smaller range of functions** (see [Functions at a glance](#)). The software is mainly used by teams and smaller companies / organizations that need a central knowledge base or are looking for a MediaWiki with more convenience and business functions.

BlueSpice pro

As an **enterprise wiki**, BlueSpice pro is optimized for use in **medium-sized and large companies** as well as in public institutions and organizations. The software is delivered with an **extended range of functions** (see [Functions at a glance](#)), a growing number of extensions and professional support. BlueSpice pro extends BlueSpice free with the following functions:

- a workflow tool for professional quality assurance (including read, write, comment, delete and release rights),
- organization manuals including an export function (PDF),
- semantic functions to work effectively with forms and metadata and to implement statistics,
- comment and blog functions (BlueSpice Social)

BlueSpice farm

Our wiki farm enables you to create and manage several wikis on one server. For example for internal information, departments and teams, product variants, other languages, projects or for archiving knowledge in deactivated wikis. The wiki farm is compatible with BlueSpice free as well as BlueSpice pro.

BlueSpice editions at a glance

The following table illustrates the differences between MediaWiki and the BlueSpice editions free, pro and farm:

	MediaWiki	BlueSpice free	BlueSpice pro	BlueSpice farm
Developer	Wikimedia foundation and MediaWiki community	Hallo Welt! GmbH and MediaWiki community		
Open Source	Yes	Yes	Yes	Yes
Target audience	Platform for Wikipedia and sister projects, as well as private individuals and smaller organizations	Company wiki for teams and smaller organizations	Enterprise wiki for medium-sized and large companies and organizations	
Use case/s	<ul style="list-style-type: none"> • Knowledge base • Online encyclopedia 	<ul style="list-style-type: none"> • Knowledge base 	<ul style="list-style-type: none"> • Management system • Documentation system • Organizational manual • Knowledge base 	
Visual editor	Plugin	Yes	Yes	Yes
Professional search	Plugin	Yes	Yes	Yes
Quality assurance	Nein	Plugin	Yes	Yes
Manuals	Plugin	Plugin	Yes	Yes
Data analysis / semantics	Plugin	Plugin	Yes	Yes
BlueSpice Social	No	No	Yes	Yes
Subwikis	No	Plugin	Plugin	Yes
Connections	Plugin	<ul style="list-style-type: none"> • Central authentication • Links to external files • Working with external documents • Connection to your enterprise search • Connection of external data sources 		
Technical support	Community support	Community support	professional support (contingent) und community support	
Complementary services	No	<ul style="list-style-type: none"> • Installation, migration, updates • Individual programming (customizing) • Branding package • Trainings and workshops 		
		<ul style="list-style-type: none"> • Own server (on premise) • External server (hosting) 		

	MediaWiki	BlueSpice free	BlueSpice pro	BlueSpice farm
Technical provision	Self installation	<ul style="list-style-type: none"> • Virtual machine • Docker 		
Flexibility	Within the scope of the given product	Step-by-step development of further enterprise functions by Hallo Welt! GmbH		

Typical Use Cases

Integrated management system (IMS)

An IMS serves the systematic and structured documentation of [processes](#), structures, information and company knowledge. With BlueSpice, you combine individual management systems such as [quality management](#), risk and compliance management in accordance with ISO certification standards to form a web-based system for holistic corporate management.

Documentation

With BlueSpice, you ensure that your employees professionally document business critical information and quickly find it when needed. Typical applications are [IT documentation](#), [technical documentation](#) or project and software documentation.

Organizational manual

In addition to facts on corporate development and other organizational issues, an organizational manual collects information from individual management systems. Quality management for example, is the source of the quality manual. This can be stand-alone or integrated into the organizational manual. Whatever your demands are: With BlueSpice you unite your manuals under one central roof.

Flexible knowledge base

When it comes to the organization of operational knowledge and information, BlueSpice can be used to realize knowledge- and information-based offers of all kinds for employees, customers, partners and other interest groups. This includes, for example, online helpdesks (FAQ, best practices ...), solutions for the organization of team and department knowledge or a knowledge base for public relations.

Functions at a glance

Content structuring

Link and organize knowledge like in Wikipedia

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

High performance search

Find information quickly and reliably

Search articles and file attachments (e.g. PDF and office documents) with a high performance fulltext and title search as well as a fuzzy search. Filtering the search results delivers fast and perfect results. You can also find your content by searching and browsing the metadata.

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 comfortable as inserting tags and checkboxes.

Dynamic content

Enrich your wiki pages with additional content

Upload image galleries or videos and create content straight in BlueSpice using image maps, tables, process diagrams (draw.io) or semantic data. Use widgets to embed content like podcasts, presentations or street maps. With APIs you can connect a Lotus Notes database or SharePoint document lists.

Document management

Direct access to office documents

Add Word, Excel or PDF documents to Wiki articles – multiple uploads, categorization and versioning included. With the appropriate server configuration, office documents can be sorted and edited directly in your Wiki. This is convenient, time-saving and improves productivity substantially.

Reporting

Trace changes to content in a targeted manner

BlueSpice pro provides the unique set of reporting and notification functions from Wikipedia. This allows you to track the latest changes in name- spaces, categories, linked pages or user changes. You can also find content that has not been edited for a long time. Your dashboard keeps you informed at all times.

Export

Process wiki contents externally

With BlueSpice pro articles can be exported in numerous formats: DOCX, XML, HTML and PDF. The „export tables“ function is particularly helpful: Not only tables from articles, but also overviews from the Wiki administration can be converted into CSV or XLSX tables and further processed (e.g. the overview of user rights).

Administration

Manage user rights conveniently

BlueSpice pro makes the administration of your wiki child's play. You can set up users, namespaces, groups and rights using graphical interfaces and assign defined roles. As an administrator, you can also rename and merge accounts, copy articles or replace text parts in all articles.

Infrastructure and security

System integration and secure interfaces

„Under the hood“ BlueSpice pro offers important security functions. The connection to a central authentication system (LDAP /AD, SAML) is as self-evident as the provision of APIs. In general, the script language Lua opens up many design possibilities for developers, e.g. the automation of templates.

Personalization

Customizable user interfaces

The user page not only gives you access to your online profile, but also allows you to store notes. User settings help you to configure functions such as notification mails. And with the help of the dashboard and your personal navigation bar, you can get straight to the topics that are of particular interest for you.

Layout and design

Adaptation to your corporate design

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Responsivity

Access your wiki on the road

You can search, browse and edit articles in your wiki with your mobile devices such as tablet or smartphone. Or take a look at your latest notifications on the go and stay up to date wherever you are.

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Coordinate appraisals and approvals

Observe articles and get notified about changes. You can assign articles to specific editors or activate a review and approval mechanism. Further functions such as the resubmission of articles or the marking of an article as „obsolete“ complete the quality assurance.

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Combine individual articles from your Wiki and create manuals, documentations or instructions including navigation. Export your manuals and add file attachments, a clickable table of contents and a cover page in your individual corporate design.

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Linking and reading structured data

BlueSpice pro supports the handling of metadata like no other wiki. Thanks to adaptable semantic forms, articles can be enriched with additional information like queries, diagrams and timelines. Typical metadata is, for example, the release date, the date of the last editing or information about the author.

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Our company finances itself by selling BlueSpice pro subscriptions. Various services complement our offer (installation, support, customizing, training ...). In this way, we ensure that your wiki project is professionally planned and optimally implemented and supported after a successful start. In addition, Hallo Welt! GmbH supplies project customers to implement highly adapted and individually developed wiki solutions.

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Contents

1 BlueSpice MediaWiki	10
1.1 BlueSpice free	10
1.2 BlueSpice pro	10
1.3 BlueSpice farm	10
2 BlueSpice editions at a glance	11
3 Typical Use Cases	12
4 Functions at a glance	12
4.1 Content structuring	12
4.2 High performance search	13
4.3 Visual editor	13
4.4 Dynamic content	13
4.5 Document management	13
4.6 Reporting	13
4.7 Export	13
4.8 Administration	14
4.9 Infrastructure and security	14
4.10 Personalization	14
4.11 Layout and design	14
4.12 Responsivity	14
4.13 Quality assurance (BlueSpice pro)	14
4.14 Manuals (BlueSpice pro)	15
4.15 Data analysis / semantics (BlueSpice pro)	15
4.16 Collaboration (BlueSpice pro)	15

5 About Us	15
5.1 Idea, history and present	15
5.2 Business model	15
6 Related Links	15

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Contents

1 BlueSpice MediaWiki	17
1.1 BlueSpice free	17
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1.3 BlueSpice farm	17
2 BlueSpice editions at a glance	18
3 Typical Use Cases	19
4 Functions at a glance	19
4.1 Content structuring	19
4.2 High performance search	20
4.3 Visual editor	20
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4.10 Personalization	21
4.11 Layout and design	21
4.12 Responsivity	21
4.13 Quality assurance (BlueSpice pro)	21
4.14 Manuals (BlueSpice pro)	22
4.15 Data analysis / semantics (BlueSpice pro)	22
4.16 Collaboration (BlueSpice pro)	22

5 About Us	22
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Contents

1 BlueSpice MediaWiki	24
1.1 BlueSpice free	24
1.2 BlueSpice pro	24
1.3 BlueSpice farm	24
2 BlueSpice editions at a glance	25
3 Typical Use Cases	26
4 Functions at a glance	26
4.1 Content structuring	26
4.2 High performance search	27
4.3 Visual editor	27
4.4 Dynamic content	27
4.5 Document management	27
4.6 Reporting	27
4.7 Export	27
4.8 Administration	28
4.9 Infrastructure and security	28
4.10 Personalization	28
4.11 Layout and design	28
4.12 Responsivity	28
4.13 Quality assurance (BlueSpice pro)	28
4.14 Manuals (BlueSpice pro)	29
4.15 Data analysis / semantics (BlueSpice pro)	29
4.16 Collaboration (BlueSpice pro)	29

5 About Us	29
5.1 Idea, history and present	29
5.2 Business model	29
6 Related Links	29

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BlueSpice free is a free of charge **extraction** from BlueSpice pro with a **smaller range of functions** (see [Functions at a glance](#)). The software is mainly used by teams and smaller companies / organizations that need a central knowledge base or are looking for a MediaWiki with more convenience and business functions.

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Technical support	Community support	Community support	professional support (contingent) und community support	
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Search articles and file attachments (e.g. PDF and office documents) with a high performance fulltext and title search as well as a fuzzy search. Filtering the search results delivers fast and perfect results. You can also find your content by searching and browsing the metadata.

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Contents

1 BlueSpice MediaWiki	31
1.1 BlueSpice free	31
1.2 BlueSpice pro	31
1.3 BlueSpice farm	31
2 BlueSpice editions at a glance	32
3 Typical Use Cases	33
4 Functions at a glance	33
4.1 Content structuring	33
4.2 High performance search	34
4.3 Visual editor	34
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4.6 Reporting	34
4.7 Export	34
4.8 Administration	35
4.9 Infrastructure and security	35
4.10 Personalization	35
4.11 Layout and design	35
4.12 Responsivity	35
4.13 Quality assurance (BlueSpice pro)	35
4.14 Manuals (BlueSpice pro)	36
4.15 Data analysis / semantics (BlueSpice pro)	36
4.16 Collaboration (BlueSpice pro)	36

5 About Us	36
5.1 Idea, history and present	36
5.2 Business model	36
6 Related Links	36

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Contents

1 BlueSpice MediaWiki	38
1.1 BlueSpice free	38
1.2 BlueSpice pro	38
1.3 BlueSpice farm	38
2 BlueSpice editions at a glance	39
3 Typical Use Cases	40
4 Functions at a glance	40
4.1 Content structuring	40
4.2 High performance search	41
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4.10 Personalization	42
4.11 Layout and design	42
4.12 Responsivity	42
4.13 Quality assurance (BlueSpice pro)	42
4.14 Manuals (BlueSpice pro)	43
4.15 Data analysis / semantics (BlueSpice pro)	43
4.16 Collaboration (BlueSpice pro)	43

5 About Us	43
5.1 Idea, history and present	43
5.2 Business model	43
6 Related Links	43

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Quality assurance	Nein	Plugin	Yes	Yes
Manuals	Plugin	Plugin	Yes	Yes
Data analysis / semantics	Plugin	Plugin	Yes	Yes
BlueSpice Social	No	No	Yes	Yes
Subwikis	No	Plugin	Plugin	Yes
Connections	Plugin	<ul style="list-style-type: none"> • Central authentication • Links to external files • Working with external documents • Connection to your enterprise search • Connection of external data sources 		
Technical support	Community support	Community support	professional support (contingent) und community support	
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Functions at a glance

Content structuring

Link and organize knowledge like in Wikipedia

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

High performance search

Find information quickly and reliably

Search articles and file attachments (e.g. PDF and office documents) with a high performance fulltext and title search as well as a fuzzy search. Filtering the search results delivers fast and perfect results. You can also find your content by searching and browsing the metadata.

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 comfortable as inserting tags and checkboxes.

Dynamic content

Enrich your wiki pages with additional content

Upload image galleries or videos and create content straight in BlueSpice using image maps, tables, process diagrams (draw.io) or semantic data. Use widgets to embed content like podcasts, presentations or street maps. With APIs you can connect a Lotus Notes database or SharePoint document lists.

Document management

Direct access to office documents

Add Word, Excel or PDF documents to Wiki articles – multiple uploads, categorization and versioning included. With the appropriate server configuration, office documents can be sorted and edited directly in your Wiki. This is convenient, time-saving and improves productivity substantially.

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Process wiki contents externally

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Combine individual articles from your Wiki and create manuals, documentations or instructions including navigation. Export your manuals and add file attachments, a clickable table of contents and a cover page in your individual corporate design.

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Idea, history and present

BlueSpice is the result of a multitude of MediaWiki projects. Starting point was the development of a company-wide Wiki for IBM Germany in 2007. The project named bluepedia was initiated by [Gunter Dueck](#). The complementary software components were initially distributed under the name HalloWiki Sunrise. In 2010, the "Hallo Welt! Medienwerkstatt" decided to publish their solution under the name BlueSpice for MediaWiki as free software. Today BlueSpice is a brand of Hello Welt! GmbH, a worldwide leading provider and consultant for MediaWiki solutions. With our growing team of over 20 employees, we serve over 200 national and international customers.

Business model

Our company finances itself by selling BlueSpice pro subscriptions. Various services complement our offer (installation, support, customizing, training ...). In this way, we ensure that your wiki project is professionally planned and optimally implemented and supported after a successful start. In addition, Hallo Welt! GmbH supplies project customers to implement highly adapted and individually developed wiki solutions.

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Related Links

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BlueSpice



Contents

1 BlueSpice MediaWiki	45
1.1 BlueSpice free	45
1.2 BlueSpice pro	45
1.3 BlueSpice farm	45
2 BlueSpice editions at a glance	46
3 Typical Use Cases	47
4 Functions at a glance	47
4.1 Content structuring	47
4.2 High performance search	48
4.3 Visual editor	48
4.4 Dynamic content	48
4.5 Document management	48
4.6 Reporting	48
4.7 Export	48
4.8 Administration	49
4.9 Infrastructure and security	49
4.10 Personalization	49
4.11 Layout and design	49
4.12 Responsivity	49
4.13 Quality assurance (BlueSpice pro)	49
4.14 Manuals (BlueSpice pro)	50
4.15 Data analysis / semantics (BlueSpice pro)	50
4.16 Collaboration (BlueSpice pro)	50

5 About Us	50
5.1 Idea, history and present	50
5.2 Business model	50
6 Related Links	50

BlueSpice MediaWiki

BlueSpice is an open source business wiki for professional knowledge and information management. It is based on [MediaWiki](#), the software of Wikipedia (therefore "BlueSpice MediaWiki") enhancing it with enterprise functions such as

- a visual editor for simple and intuitive text and table editing,
- a high-performance search ([Elastic Search](#)),
- interfaces to common enterprise IT applications (e.g. LDAP),
- administrative rights including user and group management,
- improvements with regard to system / IT security as well as
- custom trainings and complementary services.

BlueSpice is programmed in PHP and can be operated on Windows and Linux systems. In order to guarantee the stability and expandability of the system, the programming code of MediaWiki is not modified. BlueSpice is published under the GPL v3 license and delivered in three editions:

BlueSpice free

BlueSpice free is a free of charge **extraction** from BlueSpice pro with a **smaller range of functions** (see [Functions at a glance](#)). The software is mainly used by teams and smaller companies / organizations that need a central knowledge base or are looking for a MediaWiki with more convenience and business functions.

BlueSpice pro

As an **enterprise wiki**, BlueSpice pro is optimized for use in **medium-sized and large companies** as well as in public institutions and organizations. The software is delivered with an **extended range of functions** (see [Functions at a glance](#)), a growing number of extensions and professional support. BlueSpice pro extends BlueSpice free with the following functions:

- a workflow tool for professional quality assurance (including read, write, comment, delete and release rights),
- organization manuals including an export function (PDF),
- semantic functions to work effectively with forms and metadata and to implement statistics,
- comment and blog functions (BlueSpice Social)

BlueSpice farm

Our wiki farm enables you to create and manage several wikis on one server. For example for internal information, departments and teams, product variants, other languages, projects or for archiving knowledge in deactivated wikis. The wiki farm is compatible with BlueSpice free as well as BlueSpice pro.

BlueSpice editions at a glance

The following table illustrates the differences between MediaWiki and the BlueSpice editions free, pro and farm:

	MediaWiki	BlueSpice free	BlueSpice pro	BlueSpice farm
Developer	Wikimedia foundation and MediaWiki community	Hallo Welt! GmbH and MediaWiki community		
Open Source	Yes	Yes	Yes	Yes
Target audience	Platform for Wikipedia and sister projects, as well as private individuals and smaller organizations	Company wiki for teams and smaller organizations	Enterprise wiki for medium-sized and large companies and organizations	
Use case/s	<ul style="list-style-type: none"> • Knowledge base • Online encyclopedia 	<ul style="list-style-type: none"> • Knowledge base 	<ul style="list-style-type: none"> • Management system • Documentation system • Organizational manual • Knowledge base 	
Visual editor	Plugin	Yes	Yes	Yes
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