

EXT: DR Wiki

Extension Key: **dr_wiki**

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Introduction

The DR Wiki aims to be a collaborative wiki system, based upon the Wikipedia wiki system (<http://www.mediawiki.org>) and the a1_wiki extension by Mirko Balluff. It was created for a research program, in order to serve as an exchange point for

ideas and thoughts. This extension is in active development as of April 10th, 2004.

The documentation of this extension is currently done at <http://www.myasterisk.de>. Please visit this site for further documentation.

What does it do?

Generally, a WikiWikiWeb enables documents to be written collectively in a simple Mark-up language using a web browser. Because most wikis are web-based, the term "wiki" is usually sufficient. A single page in a wiki is referred to as a "wiki page", while the entire body of pages, which are usually highly interconnected, is called "the wiki".

One of the defining characteristics of wiki technology is the ease with which pages can be created and updated. Generally, there is no prior review before modifications are accepted, and most wikis are open to the general public - or at least anyone who has access to the wiki server.

FAQ

Nothing so far.

Features of DR_Wiki

The Wiki extension currently supports the following features (also see changelog for details):

Wiki Mark-up

- MediaWiki compliant syntax for Mark-ups (cp Annex).
- Advanced formatting and integration of external resources (links, images, etc.).
- Support for tables, allowing a more complex page layout.
- Support for templates in Wiki pages.

Wiki Editing

- General formatting of Wiki page content in an easy to use text-editor.
- Sections for discussing content of Wiki pages
- Read-only versions of a Wiki for public dissemination of closed Wikis.
- Multiple-redirecting of pages.
- InterWiki links to other information repositories (e.g. Wikipedia, FIDIS Wiki, etc.) and rudimentary namespaces for categorising information.
- HTML export of Wiki pages for usage in other documents.
- Versioning of Wiki pages and page history.
- Difference engine to find changes in different page versions ("diff").

Technical Aspects

- Intelligent caching of rendered Wiki pages and template parts for higher performance.
- Wiki plugins for active database access to the Wiki pages (e.g. display of general page Meta data, author, edit history, etc.).
- Highly customisable TYPO3 extension.

About

Foundations

"*DR_Wiki*" is the Typo3 Wiki Engine Extension that has been developed for the FIDIS project to implement the FIDIS Wiki. This extension is used in the project both as a standard Wiki, and to facilitate the work of the individual Workpackages. "*DR_Wiki*" itself is based on another Typo3 Wiki Engine [1], which was customised to meet all of the FIDIS requirements (e.g. advanced editing, MediaWiki compliance, etc.)

The decision to develop a customised Typo3 extension, rather than using one of many freely available Wiki engines [2], was motivated by the need to provide an integrated information infrastructure for the FIDIS NoE.

Looking at the FIDIS Communication Infrastructure (FCI), the system resides on a Typo3 [3] content management system

(CMS), being installed on the FIDIS servers at^[4]:

- The FIDIS project public web site: www.fidis.net and
- The FIDIS project intranet: internal.fidis.net

^[1] DR_Wiki is based on the "a1_wiki" extension, available at www.typo3.org.

^[2] See c2.com/cgi/wiki?WikiEngines for a list of Wiki engines.

^[3] Read more at www.typo3.org.

^[4] The details of the FIDIS Communication Infrastructure can be found in deliverable "D1.2: An Information structure to provide categories and subcategories relevant for FIDIS".

Technical Aspects

Typo3 itself is a very modular application server based on PHP and the MySQL database, allowing a developer to extend its functionality using a standardised application programming interface (API). These so called Typo3 extensions are pieces of PHP code which add certain functionalities to a Typo3 installation without changing the original Typo3 code ("core").^[1] Figure 1 illustrates the API and the general design of Typo3 in more detail.

Therefore, in order to seamlessly integrate the Wiki system into the existing CMS, the extension is based on this API, using the mechanisms of Typo3, such as intelligent caching, user authentication and handling and its security features. Furthermore, this also enables the system to have several instances of the "DR_Wiki" extension, serving different Workpackages, etc.

^[1] Typo3 core documentation: http://typo3.org/documentation/document-library/doc_core_inside/

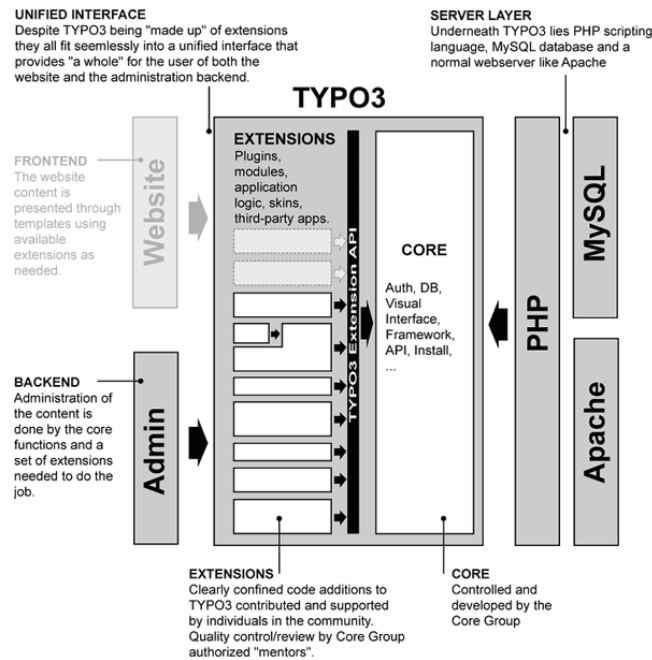


Figure 1: The Typo3 API (Source: www.typo3.org/documentation/document-library/doc_core_inside/This_document-1/)

Administration

A Basic Wiki Page

When opening a web-page containing the "DR_Wiki" extension^[1], one will find the following four general components:

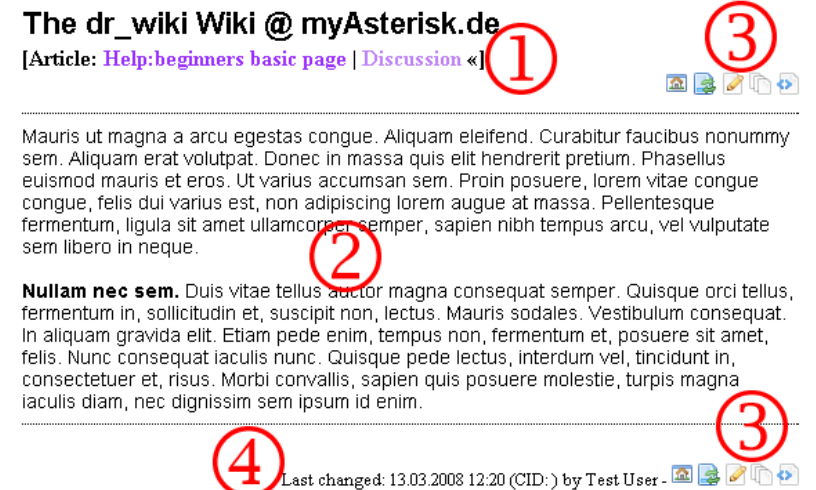


Figure 2: Sample Wiki page of the "DR_Wiki" extension

1. The headline, including the page title and a link to the discussion of the current page. By clicking on the "Discussion" link on top of a page, the corresponding "talk page", which contains comments about the page from other Wiki users, will be opened. If a corresponding talk page exists, a "«" will be displayed on the right of the discussion link on top of the page.
2. The actual page content.
3. The Wiki toolbar, providing the basic functions, such as:



Figure 3: The Wiki Toolbar

- 3.1. The "home" link taking the user back to the entry page ("HomePage") of the current Wiki.
 - 3.2. The **reload button**, updating the content of the current Wiki page. This is useful if several users edit the page at the same time.
 - 3.3. The **edit button** for editing the current page.
 - 3.4. The **version button**, displaying the version history of the current Wiki page.
 - 3.5. The **download button**, to export a plain HTML version of the current page, which can be used in other documents.
4. The Meta Data, containing information about:
 - The last person editing the page.
 - The date and the time the last change.

How to edit a Wiki page

It is very easy to edit a Wiki page. Simply click on the **edit button** of a Wiki page (top or bottom). This will open up the edit-view of the current Wiki page. The editor consists of the following basic components (see Figure below for details):

The dr_wiki Wiki @ myAsterisk.de

Edit: **Help:beginners basic page** (User: Test User)

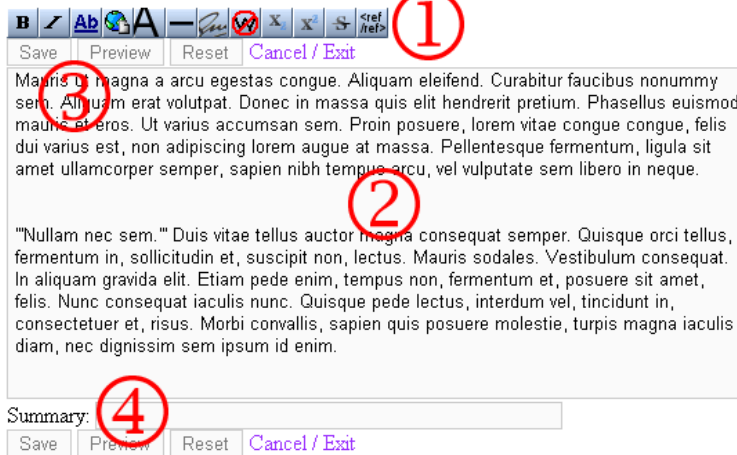


Figure 4: Editor for a Wiki page

1. The editor toolbar, containing the basic Mark-ups.
2. The actual text area containing the Wiki source of the current page.
3. The save, preview and reset buttons.
4. The summary field for general editing notes.



Figure 5: Editor Toolbar

- | | |
|-----------------------------|-------------------|
| 1.1. Bold text | [Shift + Alt + B] |
| 1.2. Italic text | [Shift + Alt + I] |
| 1.3. Internal link | [Shift + Alt + L] |
| 1.4. External link | [Shift + Alt + X] |
| 1.5. Level 2 headline | [Shift + Alt + H] |
| 1.6. Horizontal line | [Shift + Alt + R] |
| 1.7. Add Signature and Date | none |
| 1.8. No Wiki | [Shift + Alt + N] |
| 1.9. Subscript | none |
| 1.10. Superscript | none |
| 1.11. Strike Through | none |
| 1.12. Insert a Reference | none |

The most convenient way to edit the contents of a Wiki page is to use the toolbar, which works similar to a toolbar available in a standard word processor or editor. Figure 5 describes the icons and their functions in more detail.

Another way to edit a page is manual entry of the Wiki Mark-ups. A detailed list of all available Mark-ups and several examples can be found in the aMark-ups Section of this document. In general, the Wiki Mark-up language is compliant to the syntax of the *de facto* MediaWiki [2], which is used for one of the largest Wiki projects: Wikipedia. This also enables the user to incorporate their own articles into Wikipedia or other projects.

When finishing the edit, one should write a short edit summary in the small field below the edit-box. This text should describe the changes done to a page for the benefit of other editors. After that, the "Preview" function ("ALT + P") allows the user to see how the changed document will look. If necessary, additional changes can be applied to the preview version. By pressing the "Save" button (or "ALT + s"), the changes will be written to the data repository and immediately applied to the article. The "Cancel / Exit" link on the other hand will abort the editing of a page and will leave the data untouched.

[1] For the administration and the installation of the Wiki extension see "Annex III: Configuration" for details.

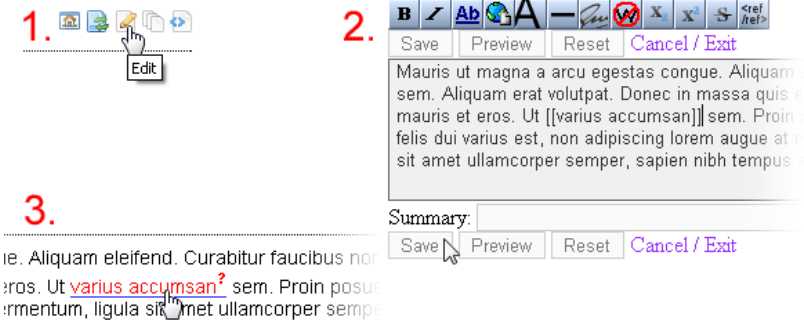
[2] MediaWiki is the Wiki used for the Wikipedia project. Please visit www.mediawiki.org/wiki/MediaWiki for further details.

Simple usage scenarios

Given below are four simple examples demonstrating a small amount of the Wiki's functionality. Further Mark-ups, beyond those shown here are given in the Mark-up Section.

Case 1: Create a new page

Summary: When editing an existing article or if a word or phrase ought to have an article of its own linked in, just put it in double square brackets, `[[like this]]`. This is the first step to create a new page. By clicking on the new link one will reach a new empty Wiki page. The page title is automatically set to the text used in the double square brackets.



4. The dr_wiki Wiki @ myAsterisk.de

Create: **varius accumsan** (User: Test User)

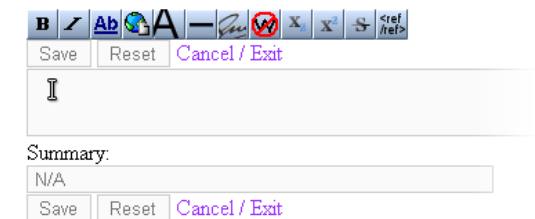


Figure 6: Case 1 in pictures

Method:

1. Navigate to the text passage where you would like to add a link to a new page and click on the edit button to enter the Wiki editor.
2. Choose one or a few words and put them into double square brackets. This creates a link to the new page. After that press the save button or [ALT+s] to preserve the changes.
3. The automatically generated question mark by the new link indicates that the link refers to an empty page. Open this empty page by clicking on the link and then fill the new page with content.
4. The page title is the text typed into the double square brackets when making the link. At the bottom of the editing screen you have space to write a short summary about what you have done. This summary will be displayed in the page history and is useful for other editors. Press the save button and the new page (in this example 'porro quisquam') will be created. The automatically generated question mark by the 'porro quisquam' link on the previous page will disappear.

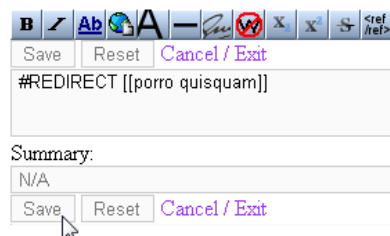
Case 2: Create a Redirect

Summary: Redirects are used to refer to other pages. If a user tries to access a page, containing a redirect, he or she will be automatically redirected to the page stated in the redirect mark-up. One example usage could be the use of abbreviations, i.e. 'IDM' actually refers to the page 'Identity Management', another would be if a page has been removed altogether, with its original content added to a different page and a final example would be if a page has had its name changed.

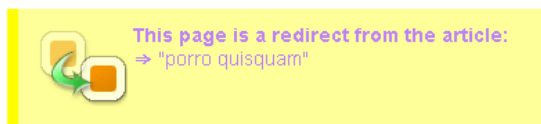
1. sem. Aliquam erat volutpat. Donec in massa quis elit. Mauris et eros. Ut [[varius accumsan]] sem. Proin posuere felis dui varius est, non adipiscing lorem augue at magna.

2. The dr_wiki Wiki @ myAsterisk.de

Create: **varius accumsan** (User: Test User)



3. [Article: porro quisquam | Discussion]



1. REDIRECT **porro quisquam**

Figure 7: Case 2 in pictures

Method:

1. The first step is to create a new page by creating a new link (double square brackets, as shown in case 1) or by editing an existing page.
2. In the page to be redirected from, enter the redirect-Mark-up into the first line, pointing to the target page of the redirect. The redirect-Mark-up is shown here in the image to the left of this text, with the target page name in the double square brackets. In this example, anyone attempting to see the page with the redirect link in it will actually be redirected to the page 'porro quisquam'.
3. After entering the Mark-up, press the save button or [ALT+s] to preserve the changes.

Now anyone using the 'varius accumsan' link will be automatically redirected to the article 'porro quisquam'.

Case 3: Compare Different Page Versions

Summary: The "diff-tool" is a utility that shows the differences between two page versions, allowing a user to compare any previous version to the current one.



- 2.

Id	Compare	Author	Date	Summary
526	compare to newest	Test User	13.03.2008 13:20	
525	compare to newest	Test User	13.03.2008 12:20	
524	compare to newest	Test User	13.03.2008 10:58	
353	compare to newest	[Anonymous]	13.04.2007 17:26	

Displaying results 1 to 4 out of 4

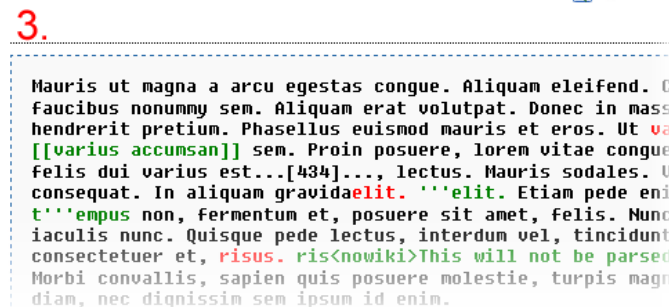


Figure 8: Case 3 in pictures

Method:

1. The first step to compare different page versions is to click on the version icon in the toolbars at the top or at the bottom of the Wiki.
2. Now you are shown all the different versions of the Wiki page and any additional information (e.g. date, summary, etc.). By clicking on the 'compare to newest' link, the differences between the two versions will be shown.
3. The comparison of the page versions will be done word by word. If you compare an old version to the latest one, the red colored segments refer to items found in the older version, but not in the latest, while the green segments represent differences found in the latest page version that were not in the older one. Black means that no differences were found.

Case 4: Setting up dr_wiki for a user login

This usage scenario describes how to set-up dr_wiki to use a user login. This is useful to restrict the editing of pages to registered users only.

Skills Level needed: Medium (Template, installing and configuring extensions)

Steps to take

Besides dr_wiki, some third-party extensions are needed:

- sr_feuser_register
- newloginbox

Set-up sr_feuser_register (http://typo3.org/extensions/repository/view/sr_feuser_register/2.5.7/info/)

Well, this is an optional step, if you plan to administrate your users by yourself. However useful if you want your users to register for your Wiki project by themselves. Normally I use the sr_feuser_register (http://typo3.org/extensions/repository/view/sr_feuser_register/2.5.7/info/) extension, which is quite helpful or this task

The following heap of TypoScript is needed to configure the extension. Simply add it to the "Constants" section of your page template.

```

plugin.tx_srfeuserregister_pil.pid = PID of the storage folder containing the user records
plugin.tx_srfeuserregister_pil.userGroupAfterConfirmation = 2
plugin.tx_srfeuserregister_pil.email = Email address for the administrator
plugin.tx_srfeuserregister_pil.salutation = informal
plugin.tx_srfeuserregister_pil.autoLoginRedirect_url = PID of the page to redirect after the
registration took place
plugin.tx_srfeuserregister_pil.formFields = username,password,first_name,last_name,email
plugin.tx_srfeuserregister_pil.loginPID = PID of the page where the login plug-in is installed
plugin.tx_srfeuserregister_pil.confirmPID = PID of the page containing the confirmation plug-in of
plugin.tx_srfeuserregister_pil.editPID = PID of the page containing the edit plug-in
plugin.tx_srfeuserregister_pil.registerPID = PID of the page containing the registration form
plugin.tx_srfeuserregister_pil.siteName = your Page Name
plugin.tx_srfeuserregister_pil.useShortUrls = 0
plugin.tx_srfeuserregister_pil.linkToPID = 0
plugin.tx_srfeuserregister_pil.enableAdminNotifyConfirmation = 1
plugin.tx_srfeuserregister_pil.enableAdminNotifyOnApprove = 1
plugin.tx_srfeuserregister_pil.enableAdminNotifyOnRefuse = 1
plugin.tx_srfeuserregister_pil.enableAdminNotifyOnUpdate = 1
plugin.tx_srfeuserregister_pil.userGroupUponRegistration = 1

```

The rest of the configuration can be found in the manual of sr_feuser_register (http://typo3.org/documentation/document-library/extension-manuals/sr_feuser_register/2.5.7/view/), which describes the installation process in full detail.

Set-up the newloginbox

This step is necessary:

- Create a sysfolder for the user accounts
- Create a page for the newloginbox plugin
- Set the "General Storage Folder" to the sysfolder containing the user accounts

Set-up dr_wiki

Well that one is easy:

- In the FlexForm of the dr_wiki plugin go to the "Redirect Settings" tab
- Select "Red: Redirect to login page if not logged-in on edit?"
- Set "Red: Page to use if redirecting is active." to the page containing the "newloginbox" plug-in

Mark-ups

General Formatting Mark-ups

In order to format the content entered into DR_Wiki, the following mark-ups can be used:

Mark-up	Description
Paragraphs <p>	A single newline generally has no effect on the layout. These can however be used to separate sentences within a paragraph. Some editors find that this aids editing and improves clarity when utilising the 'diff-tool' (used by the editors to compare different versions of a page, see Usage Scenario: Case 3). An empty line starts a new paragraph.
* item 1 ** a ** b *** c *** d * item 2 * item 3	Creates a bulleted list such as: <ul style="list-style-type: none"> • item 1 <ul style="list-style-type: none"> ○ a ○ b ■ c ■ d • item 2 • item 3

# item 1 ## a ## b ### c ### d # item 2 # item 3	Creates a numbered list such as: <ol style="list-style-type: none"> 1. item 1 1. a 2. b 1. c 2. d 2. item 2 3. item 3
* item 1 ## a ## b *** c * item 2 * item 3	Both types of lists can also be combined: <ul style="list-style-type: none"> • item 1 <ul style="list-style-type: none"> 1. a 2. b ■ c • item 2 • item 3
: text :: more text ::: even more text	A colon indents a line or paragraph. Works similar to the bulleted and numbered lists: <pre> text even more text even more text </pre>
[[word]]	A word between double square brackets creates a new internal link to a Wiki page, in this case for the term "word". Links appear as bold text when the article is viewed. See Usage Scenario: Case 1 for more information.
[[HomePage]] [[word alternative text]]	Creates a link specifically to the starting page of the Wiki. Creates a new internal link to a Wiki page called 'word', but using the 'alternative text' as link title.
[[word]]trail	Creates a new internal link to a Wiki page, using the combination wordtrail as link title.
[[ns:word]]	<ul style="list-style-type: none"> • [[machine]]s -> machines (link to page called: machine) Creates a new internal link to a Wiki page called 'word' in the namespace 'ns'. Currently the following namespaces are available: <ul style="list-style-type: none"> • Wikipedia -> creates an external link to the English version of the Wikipedia encyclopaedia. • Discussion -> discussion pages of the individual Wiki pages. • IMDB -> Link to the international movies database. • FIDIS -> Link to the FIDIS Wiki on Identity related terms (e.g. "[[FIDIS:WP1]]") • User -> User pages. • Categories are also used as namespaces: • Category:IDM • Category:Identity
=word= ==word== ===word=== ====word==== =====word=====	Creates a heading (level 1 - H1-tag). Creates a heading (level 2 - H2-tag). Creates a heading (level 3 - H3-tag). Creates a heading (level 4 - H4-tag). Creates a heading (level 5 - H5-tag). Creates a heading (level 6 - H6-tag).
imageURL	Inserts an image from 'imageURL' into the Wiki page. Currently only gif, jpeg, jpg, and png images are allowed.
URL	<ul style="list-style-type: none"> • http://somedomain.org/myimage.jpg URLs and email addresses are automatically converted to real HTML links. Currently ftp, http(s), mailto, irc, gopher, and news URLs are recognised. Examples: <ul style="list-style-type: none"> • mailto:someone@somedomain.org • http://www.somedomain.org
{URL link-text}	Creates a link using the name as link-text. Currently ftp, http(s), mailto, irc, gopher, and news URLs are recognised. Examples: <ul style="list-style-type: none"> • [mailto:someone@somedomain.org My Email] • [http://www.somedomain.org My Domain]
{URL}	Creates an enumerated link. Currently ftp and http(s) URLs are recognised. Examples: <ul style="list-style-type: none"> • [mailto:someone@somedomain.org] • [http://www.somedomain.org]
----	Creates a bar / horizontal line (<hr>).
'''text'''	Sets the text to <i>italic</i> .
''''text''''	Sets the text to bold .
'''''text'''''	Sets the text to bold & italic .
{ params }	Creates a new table (for more detail see "Table Examples")
HTML Tags	Some HTML tags are allowed inside a Wiki. By default, the tags below are currently supported: , , <i>, <p>, <u>, <center>, <hr />, <sub>, <s>, <small>, <blockquote>, <td>, <tr>, <th>, <table>.
#REDIRECT [[IDM]]	Redirect one article to another by placing a directive like the one shown on the left on the first line of the article (such as at a page titled "IDM" □ "Identity Management").
You can <s>strike out deleted material</s> and <u>underline new material.</u>	The example on the left would display: You can strike out deleted material and <u>underline new material</u> .

<code>~~~~</code> [Discussion only]	Adds the user's login name to the article as signature. Only works for the "Discussion" namespaces.
<code>~~~~</code> [Discussion only]	Adds the user's login name and date to the article as signature. Only works for the "Discussion" namespaces.
<code>~~~~</code> [Discussion only] {{templatename}}	Adds the current date to the Wiki page. Templates are an easy way of adding pre fabricated text elements to a Wiki page. This mechanism can be used to insert repeating text elements to a Wiki page, such as notes, pre-formated tables and so on. Generally talking, templates are Wiki pages that reside in the namespace "Template", such as "Template:templatename". By adding the name of the template into curled braces without the namespace marker, the content of a template page is added into the Wiki page and rendered into HTML.

Wiki Variables

These Mark-ups can be used to automatically display additional/dynamic (Meta-) information on a Wiki page.

Mark-up	Description
<code>{{PAGENAME}}</code>	Displays the name of the current Wiki page.
<code>{{GETDISCUSSIONLINK}}</code>	Returns an internal link to the connected discussion page or an empty string if no discussion is present.
<code>{{REVISIONID}}</code>	Returns the ID of the current Wiki page.
<code>{{NAMESPACE}}</code>	Returns the name of the current namespace.
<code>{{DATE}}</code>	Returns the current date string (Y-m-d H:i:s).
<code>{{CURRENTMONTH}}</code>	Returns the current month as numerical value (e.g. 11).
<code>{{CURRENTMONTHNAME}}</code>	Returns the current month as word (e.g. November).
<code>{{CURRENTMONTHNAMEGEN}}</code>	Returns the current month as 3 letter short version (e.g. Nov).
<code>{{CURRENTDAY}}</code>	Returns the current day as numerical value (e.g. 1).
<code>{{CURRENTDAYNAME}}</code>	Returns the current day as word (e.g. Wednesday).
<code>{{CURRENTYEAR}}</code>	Returns the current year (e.g. 2005).
<code>{{CURRENTTIME}}</code>	Returns the current time (hh:mm).
<code>{{SWATCHBEATS}}</code>	Returns the current time in Swatch Internet Beats.
<code>{{PAGEAUTHOR}}</code>	Displays the author of the current page.
<code>{{NUMBEROFARTICLES}}</code>	Displays the number of articles in a Wiki.
<code>{{ALLCONTRIBUTINGAUTHORS}}</code>	Displays all authors contributing to a Wiki
<code>{{CONTRIBUTINGAUTHORS}}</code>	Displays all authors contributing to an article of a Wiki page.
<code>__NOTOC__</code>	Deactivates the generation of a TOC.
<code>__NUMBERHEADINGS__</code>	Deactivates the generation of a header numbers.
<code>{{VERSION}}</code>	Displays the release number of the Wiki engine.

Special Characters

Other special characters such as: Diacritical marks, punctuation, commercial symbols, Greek characters, mathematical characters.

Mark-up	Description
<code>&Agrave;</code> ; <code>&Aacute;</code> ; <code>&Acirc;</code> <code>&Atilde;</code> ; <code>&Auml;</code> ; <code>&Aring;</code> ; <code>&Aelig;</code> <code>&Ccedil;</code> ; <code>&Egrave;</code> ; <code>&Eacute;</code> <code>&Ecirc;</code> ; <code>&Euml;</code> ; <code>&Igrave;</code> <code>&Iacute;</code> ; <code>&Icirc;</code> ; <code>&Iuml;</code> <code>&Ntilde;</code> ; <code>&Ograve;</code> ; <code>&Oacute;</code> <code>&Ocirc;</code> ; <code>&Otilde;</code> ; <code>&Ouml;</code> <code>&Oslash;</code> ; <code>&Ugrave;</code> <code>&Uacute;</code> ; <code>&Ucirc;</code> ; <code>&Uuml;</code> ; <code>&szlig;</code> <code>&agrave;</code> ; <code>&aacute;</code> ; <code>&acirc;</code> <code>&atilde;</code> ; <code>&auml;</code> ; <code>&aring;</code> ; <code>&aelig;</code> <code>&ccedil;</code> ; <code>&egrave;</code> ; <code>&eacute;</code> <code>&ecirc;</code> ; <code>&euml;</code> ; <code>&igrave;</code> <code>&iacute;</code> ; <code>&icirc;</code> ; <code>&iuml;</code> ; <code>&ntilde;</code> <code>&ograve;</code> ; <code>&oacute;</code> ; <code>&ocirc;</code> <code>&oelig;</code> ; <code>&otilde;</code> ; <code>&ouml;</code> <code>&oslash;</code> ; <code>&ugrave;</code> ; <code>&uacute;</code> <code>&ucirc;</code> ; <code>&uuml;</code> ; <code>&yuml;</code>	<p>Á Á Á Ã Ä Å</p> <p>Æ Ç È É Ê Ë</p> <p>Ì Í Î Ñ Ò</p> <p>Ó Ô Õ Ö Ø Ù</p> <p>Ú Û Ü Æ à á</p> <p>â ã ä å æ ç</p> <p>è é ê ë ì í</p> <p>î ï ñ ò ó ô</p> <p>œ õ ö ø ù ú</p> <p>û ü ÿ</p>

<code>&quest;</code> ; <code>&iexcl;</code> ; <code>&sect;</code> ; <code>&para;</code> <code>&dagger;</code> ; <code>&Dagger;</code> ; <code>&bull;</code> <code>&ndash;</code> ; <code>&mdash;</code> ; <code>&lsaquo;</code> <code>&rsaquo;</code> ; <code>&laquo;</code> ; <code>&raquo;</code> <code>&lsquo;</code> ; <code>&rsquo;</code> ; <code>&ldquo;</code> ; <code>&rdquo;</code>	<p>¿ ! § ¶</p> <p>† ‡ • —</p> <p>‹ › « »</p> <p>‘ ’ “ ”</p>
<code>&trade;</code> ; <code>&copy;</code> ; <code>&reg;</code> ; <code>&cent;</code> <code>&euro;</code> ; <code>&yen;</code> ; <code>&pound;</code> ; <code>&curren;</code>	<p>™ © ® ¢ € ¥</p> <p>£ ¤</p>
<code>&alpha;</code> ; <code>&beta;</code> ; <code>&gamma;</code> ; <code>&delta;</code> <code>&epsilon;</code> ; <code>&zeta;</code> ; <code>&eta;</code> ; <code>&theta;</code> <code>&iota;</code> ; <code>&kappa;</code> ; <code>&lambda;</code> ; <code>&mu;</code> <code>&nu;</code> ; <code>&xi;</code> ; <code>&omicron;</code> ; <code>&pi;</code> ; <code>&rho;</code> <code>&sigma;</code> ; <code>&sigmaf;</code> ; <code>&tau;</code> <code>&upsilon;</code> ; <code>&phi;</code> ; <code>&chi;</code> ; <code>&psi;</code> <code>&omega;</code> ; <code>&Gamma;</code> ; <code>&Delta;</code> ; <code>&Theta;</code> <code>&Lambda;</code> ; <code>&Xi;</code> ; <code>&Pi;</code> ; <code>&Sigma;</code> <code>&Phi;</code> ; <code>&Psi;</code> ; <code>&Omega;</code>	<p>α β γ δ ε ζ</p> <p>η θ ι κ λ μ ν</p> <p>ξ ο π ρ σ τ</p> <p>υ φ χ ψ ω</p> <p>Γ Δ Θ Λ Ξ Π</p> <p>Σ Φ Ψ Ω</p>
<code>&int;</code> ; <code>&sum;</code> ; <code>&prod;</code> ; <code>&radic;</code> <code>&minus;</code> ; <code>&plusmn;</code> ; <code>&infin;</code> <code>&asymp;</code> ; <code>&prop;</code> ; <code>&equiv;</code> ; <code>&ne;</code> <code>&le;</code> ; <code>&ge;</code> ; <code>&times;</code> ; <code>&middot;</code> <code>&divide;</code> ; <code>&part;</code> ; <code>&prime;</code> ; <code>&Prime;</code> <code>&nabla;</code> ; <code>&permil;</code> ; <code>&deg;</code> ; <code>&there4;</code> <code>&alefsym;</code> ; <code>&oslash;</code> ; <code>&isln;</code> <code>&notin;</code> ; <code>&cap;</code> ; <code>&cup;</code> ; <code>&sub;</code> ; <code>&sup;</code> <code>&sube;</code> ; <code>&supe;</code> ; <code>&not;</code> ; <code>&and;</code> ; <code>&or;</code> <code>&exist;</code> ; <code>&forall;</code> ; <code>&trArr;</code> ; <code>&hArr;</code> <code>&arr;</code> ; <code>&harr;</code>	<p>∫ ∑ ∏ √ ± ∞</p> <p>≈ α ≡ ≠ ≤ ≥</p> <p>× · ÷ ∂ ' "</p> <p>∇ ‰ ° ∴ †</p> <p>∈ ∉ ∩ ∪ ⊂ ⊃ ⊆ ⊇</p> <p>¬ ∧ ∨ ∃ ∀ ⇒ ⇔</p> <p>→ ↔</p>

Rendering of tables

Tables can be rendered using the following syntax (pipe-syntax):

Mark-up	Description
<code>{ params }</code>	Creates a new table. A table is defined by {} "params" {} which is the same as the HTML: <pre><table "params">Insert non-formatted text here </table></pre> Please note: You must include the space between {} " and params, else the first parameter is ignored.
<code>{ border = 1-n</code>	Create borders. Furthermore, most of the standard HTML table parameters work for Wiki tables too (e.g. cellspacing, cellpadding, bgcolor, etc.)
<code> + Caption</code>	Creates a caption for the table: <code><caption>Caption</caption></code>
<code>!params cell1</code>	Creates a header-cell (<code><th></code>). Functions the same way as <code><td></code> , except "!" is used instead of the opening "!". "!!" can be used instead of "!!".
<code> -</code>	Creates a new row (<code><tr></code>).
<code> </code>	Creates a cell (<code><td></code>).

Table Examples

A simple example for a table, using the Wiki Mark-ups:

```
{| border=1
|-
| bgcolor=red|cell1 || width=300px bgcolor=blue|cell2 || bgcolor=green|cell3
|}
```

This will result in the following table:

cell1	cell2	cell3
-------	-------	-------

A more complex example using a nested table:

```
{| border=1
|&alpha;
|
| bgcolor=blue border=2
| nested
| table
| }
| the original table again
|}
```

This will result in the following output:

α	nested table	the original table again
---	-----------------	--------------------------

Please note: Nested tables have to start on a new line.

Further resources

HTML to Wiki table converters:

- <http://www.uni-bonn.de/~manfear/html2wiki-tables.php>
- <http://diberri.dyndns.org/html2wiki.html>

CSV to Wiki table converters

- <http://area23.brightbyte.de/csv2wp.php>

Wiki Plug-Ins

Currently the following dynamic Wiki plug-ins are available. In order to use these, simply insert the following Mark-ups into the source of a Wiki page:

Plug-In	Description
{###SEARCH###} {##SEARCH###}	Inserts a Search-Form on the Wiki page and displays the result. This plug-in searches the body and the keywords of the database.
{###LASTCHANGED###} [days] {###LASTCHANGED###}	Inserts a list of the pages changed in the last [days] days.
{###INDEXLIST###} {###INDEXLIST###}	Lists the Wiki words in a Wiki.
{###AUTHOR###} {##AUTHOR###}	Displays the creator of the Wiki page. This is done by picking the author of the oldest Wiki page entry and creating a new Wiki page link for the author.
{###TEMPLATELIST###} {###TEMPLATELIST###}	Displays the list of available templates in the current Wiki.

System Images

This is the list of images, which come with dr_wiki



Figure 9: These images come with dr_wiki

1. `{{IMAGE_ERROR2}}` or `{{IMAGE_ERROR}}` for the left-aligned version
2. `{{IMAGE_FOLDER2}}` or `{{IMAGE_FOLDER}}` for the left-aligned version
3. `{{IMAGE_INFO2}}` or `{{IMAGE_INFO}}` for the left-aligned version

4. `{{IMAGE_WARNING2}}` or `{{IMAGE_WARNING}}` for the left-aligned version
5. `{{IMAGE_WEBPAGE2}}` or `{{IMAGE_WEBPAGE}}` for the left-aligned version
6. `{{IMAGE_COMPUTER2}}` or `{{IMAGE_COMPUTER}}` for the left-aligned version
7. `{{IMAGE_RETURN2}}` or `{{IMAGE_RETURN}}` for the left-aligned version
8. `{{IMAGE_COPY2}}` or `{{IMAGE_COPY}}` for the left-aligned version
9. `{{IMAGE_TRASH2}}` or `{{IMAGE_TRASH}}` for the left-aligned version

Adding References

Reference Mark-ups

Starting from version 1.5.2, dr_wiki supports references (A reference can be a book, article, or link - whatever you like.) as a Mark-up to add footnotes (A footnote is a note placed at the bottom of a page to comment on a part of the main text, or to provide a reference (a source) for it. Footnotes are often used to add information that might be helpful to later fact-checkers, such as a quotation that supports your edit.)

Here is how to use this Mark-up:

1. Place a `<ref> ... </ref>` where you want a footnote reference number to appear in an article—type the text of the note between the ref tags.
2. Place `<references/>` in an otherwise empty "Notes" or "References" section near the end of the article—the list of notes will be automatically generated here. If you want to create columns of notes, write `<references-2col/>`.

Example

Example edit:

```
The Sun is pretty big.<span style="color:black;">`<ref>`Miller, E: "The Sun", page 23. Academic Press, 2005`</ref>`but the Moon is not so big.<span style="color:black;">`<ref>`Brown, R: "Size of the Moon", <nowiki>`Scientific American`, 51(78):46
== Notes ==
<references/>
```

Configuration

Basic Configuration

In order to use the DR_Wiki, you have to take the following steps:

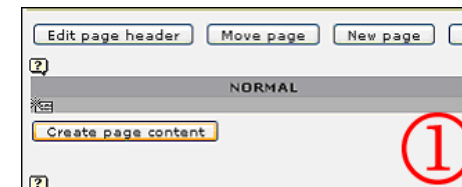


Figure 10: Step 1

1. Insert the extension into a page, by using either the context menu of the Typo3 page-tree or the "Create page content" button.

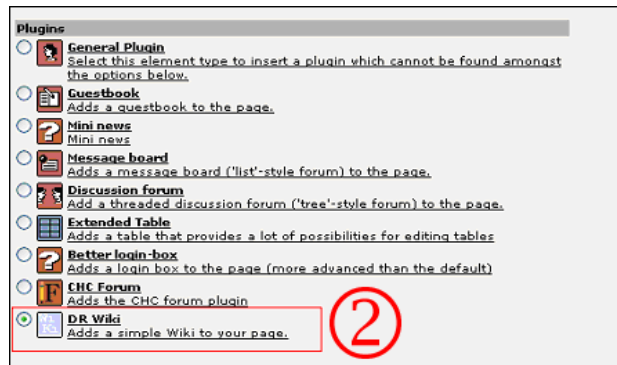


Figure 11: Step 2

- Click on the "DR_Wiki" icon in the content element menu, to insert the extension into a page.

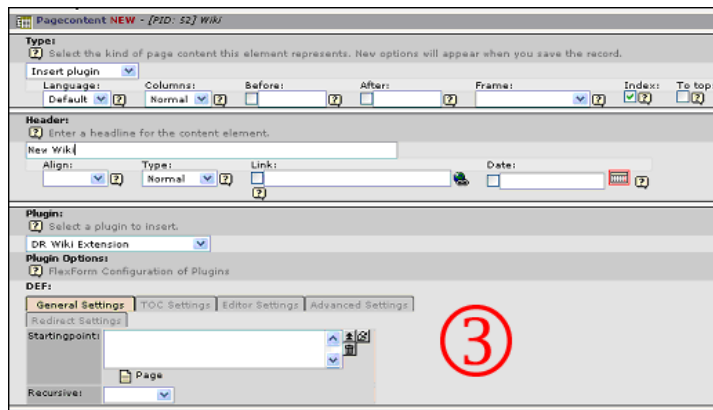


Figure 12: Step 3

- If necessary set the "Startingpoint" for the plug-in in the FlexForm configuration tabs and click on the "Save" button to store the changes. Further configuration parameters can be found in the following chapter.

Configuration options

This section describes the configuration values that can be used to configure the Wiki extension. All the options and values are set in a FlexForm, allowing an easy configuration of "DR_Wiki".

General Settings

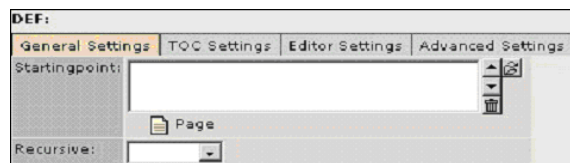


Figure 13: General settings

Startingpoint	Select manually the page where the DR_Wiki data will be taken from. Default value is the page where the extension is installed.
Recursive	Can be set but is generally not necessary. Includes the subpages to be searched for Wiki database entries.

TOC settings

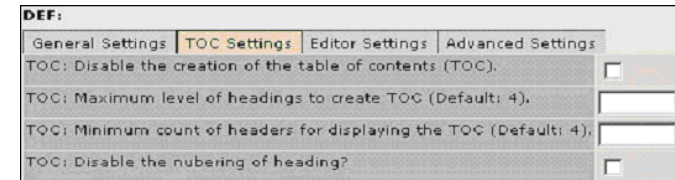


Figure 14: TOC settings

Disable the creation of table contents	True or false. By default, this option is false.
Maximum level of headings to create TOC	Enter the favoured maximum level of headings. The default level is 4.
Minimum count of headers for displaying the TOC	Use this option to limit the count of headers in your TOC. Default value is 4 headers for the creation of a TOC.
Disable the numbering of heading	True or false. By default, this option is false.

Editor Settings

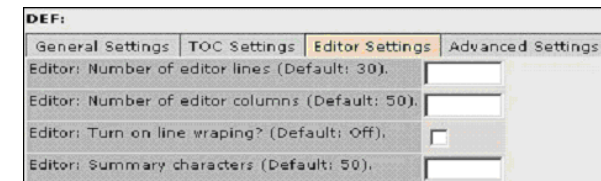


Figure 15: Editor settings

Number of editor lines (Default: 30)	Numeric. Default value is 30 lines.
Number of editor columns (Default: 50)	Numeric. Default value is 50 columns.
Turn on line wrapping?	Change the wrapping of lines in the editor field. True or false. By default, this option is false.
Summary characters	Define the number of characters in the summary field.

Advanced Settings

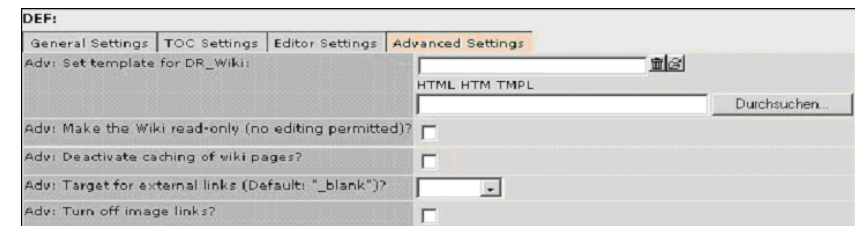


Figure 16: Advanced settings

In order to make dr_wiki working with realURL, the following code has to be added to your configuration:

```
$TYPO3_CONF_VARS['EXTCONF']['myPostVarSets'] = array(
  '_DEFAULT' => array (
    'wiki' => array(
      array(
        'GETvar' => 'tx_drwiki_pil[keyword]',
      ),
      array(
        'GETvar' => 'tx_drwiki_pil[showUid]',
      ),
      array(
        'GETvar' => 'tx_drwiki_pil[cmd]',
      ),
    ),
  ),
);
```

FAQ

Nothing so far

Known problems

Nothing so far

To-Do list

Nothing so far

Download

The latest **"stable"** version is available at Typo3.org (TER) (http://typo3.org/extensions/repository/view/dr_wiki/) or in the download section of <http://www.myasterisk.de/>.

You can also get the latest **developers version** of dr_wiki from the Subversion repository at Sourceforge.net (http://sourceforge.net/svn/?group_id=191621).

Changelog

As of March 13th 2008. (The latest Changelog can be found online at <http://www.myasterisk.de/wiki/changelog/>)

Version 1.5.2

- Added rudimentary support for MediaWiki style references using the ref and references tags (More can be [found here](#))
- Extended noWiki Tag to ignore headings

Version 1.5.1

- Fixed bug: "last changed pages" shows oldest page instead of newest (ID1815284 (http://sourceforge.net/tracker/index.php?func=detail&aid=1815284&group_id=191621&atid=938116))
- Updated extension's meta data

Version 1.5.0

Update is highly recommended! (Download (http://www.myasterisk.de/fileadmin/dr_wiki/release/T3X_dr_wiki-1_5_0-z-200802252223.t3x))

- Fixed several bugs in the SQL handling of Wiki pages (thx to Kasper M. Petersen)
- Fixed bad create without login behaviour for new pages (thx to Cate Deans Smith)

Version 1.4.5

- Fixed broken images in editor
- Added note + image when a newer page has been submitted

Version 1.4.4

- Adapted NoWiki function to handle br tags

- Fixed a bug in the noinclude directive to prevent inclusion of already parsed and cached code
- Added more buttons to the toolbar

Version 1.4.3

- Added <noinclude> directive for templates
- Added <nowiki> button to the editor toolbar
- Updated language files and removed several translation bugs
- Added new icons from <http://www.famfamfam.com/lab/icons/silk/>

Version 1.4.2

- Now the used wiki templates are shown in the editor when editing a page.

Version 1.4.1

- Fixed issue with tables and wiki links, extended the nowiki tags to also remove wiki links - thx to Daniel Minder for this patch

Version 1.4.0

- added <nowiki> tags, cleaned up code, made the search plugin work again,
- Added preview on footer and header functionality (FF)

Version 1.3

- Several security updates and general bug fixing. Special thx goes to Christian Kuhn for pointing out several bugs in dr_wiki. More to come soon :-)

Version 1.2

- Added DBAL patch provided by Henning Schild.

Version 1.1

- Added templating capabilities for Wiki-Templates, which can be inserted automatically in the Wiki editor. This feature can be configured in the FlexForm of dr_wiki.
- Minor fixes in the rendering engine.

Version 1.0.0

- Fixed another ":" issue with regard to the rendering of internal links
- Added template support for Wiki pages, introducing the namespace "Template" to store the templates (e.g. {{myTemplate}} references [[Template:myTemplate]])
- Added more variables, providing additional Wiki information (see manual for details)
- Fixed redirect, if a redirect is set to a non-existing page. In this case the creation of a new page will be initiated.
- Updated the diff view. Now, both versions will be displayed for better usability.
- Fixed the creation of the Search lists, if no item is found.
- Extended the search plug-in.
- Added plug-in for displaying the available templates.

Version 0.9.1

- Removed a bug in the rendering of internal links if a ":" is present, but no actual namespace is referenced (thx to Els Soenens for reporting).

Version 0.9

- Added diff function for comparing old page versions to the most up-to-date version.
- Added "redirect to login page" option, if a non-logged-in user tries to edit a Wiki page (see FlexForm configuration).

Version 0.8.1

- Solved an SQL query issue, resulting in corrupted queries.
- Added `__NOTOC__` and `__NONUMBERHEADINGS__` directives for page Mark-ups and TOC manipulation.

Version 0.8

- Added more options to the FlexForm configuration of the Wiki editor.
- Added tooltips and shortcuts to the Wiki page editor and the editor toolbar.
- Updated the extension's template.
- General code cleanup and removal of unused functions.
- Added enhanced internal links (Mediawiki style).
- Added signatures for discussions.
- Added Wiki variables, displaying Meta info or date/time functions.

Version 0.7.2

- Added support for external templates via FlexForm.
- Enhanced the detection of the user [user/username/IP/anonymous].
- Introduced basic namespaces (NS) and InterWiki links.

Version 0.7.1

- Fixed a bug in the setting of the Startingpoint.

Version 0.7

- Added FlexForm configuration for: TOC, Caching, etc.
- Added back-link for discussion.
- Added Read-Only option for Wiki (Wiki-Viewer).
- Added localisation of BE-Module (en/de).
- Clear cache from BE.
- General code clean-up.

Version 0.6.2

- Got rid of the bug to explicitly set the Startingpoint of the Wiki; now the actual page is used as default value and Sys-Folders can be used as Startingpoint to store Wiki pages.

Version 0.6.1 & 0.6

- Added check for newer versions of a Wiki page that has been edited while another user saved his/her changes.
- Got rid of the bug to explicitly set the startingpoint; now the actual page is used as default value.
- Added some additional usability features:
 - reload button for Wiki pages,
 - link for the key word,
 - when aborting the edit of a page, the user gets redirected to the referring page and not to the "HomePage"
- The issue with regard to the "*php_flag allow_call_time_pass_reference*" is solved, so this flag does not need to be set in the .htaccess file anymore.
- Finally, the bug with regard to the formatting of external links (missing spaces) is solved.

Version 0.5.2

- Fixed a bug in the rendering of links.
- Added support for multiple redirects.
- Removed unused "cancelEdit" function from source code.

Version 0.5.1

- Fixed a small bug in the discussion section when adding a discussion.
- Added "#REDIRECT [[Link]]" for redirecting to other pages.

Version 0.5

- Added caching of rendered pages.
- Added toolbar for the editor.
- Needed JS Code is now externalised for easier maintenance.

- General code clean-up and removal of unused elements.

Version 0.4

- First public release, containing basic Mediawiki Mark-ups.
- Added better rendering of headers, including TOC for Wiki pages.

Glossary

Application programming interface (API)

An application programming interface (API) is a set of definitions specifying the ways one piece of computer software communicates with another. It is a method of achieving abstraction, usually (but not necessarily) between lower-level and higher-level software.

Content Management System (CMS)

In computing, a content management system (CMS) is a system used to organise and facilitate collaborative creation of documents and other content. A CMS is frequently a web application used for managing websites and web content, though in many cases, content management systems require special client software for editing and constructing articles. The market for content management systems remains fragmented, with many open-source and proprietary solutions available.

FlexForm

FlexForms are a configuration mechanism used by Typo3 to configure extensions in an easy way. Instead of using database fields, the information is stored in XML files for easier and faster retrieval.

GNU General Public Licence (GPL)

The GNU General Public License (GNU GPL or simply GPL) is a free software license, originally written by Richard Stallman for the GNU project. It has since become the most popular license for free software. The latest version of the license, version 2, was released in 1991. The GNU Lesser General Public License (LGPL) is a modified version of the GPL, intended for some software libraries.

Mark-up

A Mark-up language combines text and extra information about the text. The extra information, for example about the text's structure or presentation, is expressed using Mark-up, which is intermingled with the primary text. The best-known Mark-up language in modern use is HTML (Hypertext Mark-up Language), one of the foundations of the World Wide Web. Historically, Mark-up was (and is) used in the publishing industry for interoperable communication of printed work between authors, editors, and printers.

Typo3

Typo3 is a free, open source content management system written with PHP and MySQL for enterprise purposes on the web and in intranets. It is available for free and licensed under the GNU General Public License. It offers full flexibility and extendability, while featuring an accomplished set of ready-made interfaces, functions and modules.

References

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