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File:Manual:SMW-Formular-EN.png

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Form

Location:

Regensburg

Contact person:

Jane Doe

First contact:

21/12/2020

Free text:

Hallo Welt! was founded to make the technology and concept c

Since 2007 Hallo Welt! builds collaborative platforms of knowle

management, online documentation and quality management.

No higher resolution available.

[Manual:SMW-Formular-EN.png](#) (465 × 314 pixels, file size: 22 KB, MIME type: image/png)

File history

Click on a date/time to view the file as it appeared at that time.

	Date/Time	Thumbnail	Dimensions	User	Comment
current	13:01, 20 December 2021	<div><div>Form</div><div><div>Location:</div><div>Regensburg</div></div><div><div>Contact person:</div><div>Jane Doe</div></div><div><div>First contact:</div><div>21/12/2020</div><div></div></div><div><div>Free text:</div><div>Hallo Welt! was founded to make the technology and concept c</div><div>Since 2007 Hallo Welt! builds collaborative platforms of knowle</div><div>management, online documentation and quality management.</div></div></div>	465 × 314 (22 KB)	By: Redaktion (talk contribs)	

You cannot overwrite this file.

File usage

The following file is a duplicate of this file ([more details](#)):

- [File:SMW-Formular-EN.png](#)

The following page uses this file:

- [Manual:Semantic MediaWiki](#)

Metadata

This file contains additional information, probably added from the digital camera or scanner used to create or digitize it.

If the file has been modified from its original state, some details may not fully reflect the modified file.

Horizontal resolution 37.8 dpc

Vertical resolution 37.8 dpc

Software used

- Greenshot

File:SMW-Formular-EN.png

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- [File usage](#)
- [Metadata](#)

Form



Location:

Contact person:

First contact:



Free text:

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No higher resolution available.

[SMW-Formular-EN.png](#) (465 × 314 pixels, file size: 22 KB, MIME type: image/png)

File history

Click on a date/time to view the file as it appeared at that time.

	Date/Time	Thumbnail	Dimensions	User	Comment
current	11:40, 20 December 2021	<div><div>Form</div><div></div></div>	465 × 314 (22 KB)	Redaktion (talk contribs)	

You cannot overwrite this file.

File usage

The following file is a duplicate of this file ([more details](#)):

- [File:Manual:SMW-Formular-EN.png](#)

There are no pages that use this file.

Metadata

This file contains additional information, probably added from the digital camera or scanner used to create or digitize it.

If the file has been modified from its original state, some details may not fully reflect the modified file.

Horizontal resolution 37.8 dpc
Vertical resolution 37.8 dpc
Software used • Greenshot

Semantic MediaWiki Basics

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Scope and terminology

Semantic MediaWiki (SMW) is a MediaWiki extension that enables you to define and query data on a wiki page.







The following steps are usually taken to work with data-based content in your wiki :

1. **Define properties:** Properties determine which values can be queried in the wiki.
2. **Create a template:** This creates the output format of the data set on the wiki pages.
3. **Create a form:** Using this form, Wiki users can comfortably enter their data.
4. **Assign a category:** Each page that contains a semantic query is usually tagged with a category that was created for this purpose. This, in addition to the attributes, provides an important means of querying and filtering the pages. It also creates a form editing mode for the wiki pages that contain this category.

Properties



List of properties

1. Has First contact +  of type [Date](#) (0 uses) 
2. Has contact person +  of type [Text](#) (0 uses) 
3. Has location +  of type [Text](#) (0 uses) 

Semantic properties

Template



Location	Regensburg
Contact	Jane Doe
First contact	2020/12/21

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
Semantic template

Form



Location:

Contact person:

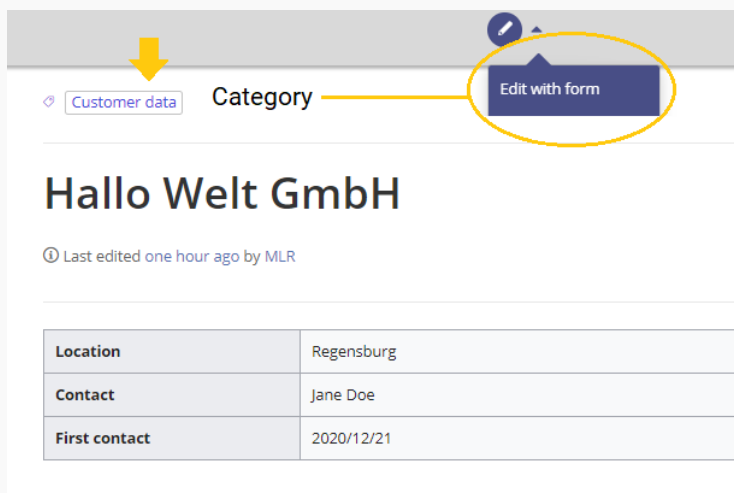
First contact: 

Free text:

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Data entry form



The screenshot shows the top of a MediaWiki page with a grey header bar. A yellow arrow points to a 'Customer data' category link. To its right is a 'Category' label. Further right, a blue button labeled 'Edit with form' is circled in yellow. Below the header, the title 'Hallo Welt GmbH' is displayed, followed by a note 'Last edited one hour ago by MLR'. A table below contains the data:

Location	Regensburg
Contact	Jane Doe
First contact	2020/12/21

Category to organize data

Define properties

To make information available as data on a wiki page, we create so-called **properties**. For example, if we want to semantically record customer data, we create a wiki page for each customer. We collect customer data such as location on every customer page. To do this, we create a property that records the location of the customer.

```
[[Has location::Regensburg]]
```

Afterwards I can list all customers at a certain location or all customers with their associated locations in the wiki.

Create a template


Since we often want to display several such properties and their values on one page at the same time, we format a special area that clearly shows the collected page attributes. This requires a (data) template, which can then be used on any wiki page.

Location	Regensburg
Contact	Jane Doe
First contact	2020/12/21

Data template

Create a form

To support our users with data entry tasks, we create an input form. The input form is shown when users switch to the edit mode of a wiki page that has the semantic template included.

Location:	<input type="text" value="Regensburg"/>
Contact person:	<input type="text" value="Jane Doe"/>
First contact:	<input type="text" value="21/12/2020"/> 

Data entry form

Assign a category

Wiki pages that use semantic templates are tagged with a category. This category enables the assignment of the input form to the wiki page. The category is also used to query the data collected via the template and display it anywhere in the wiki.

Example

On the following pages, we will create an example that collects and displays customer data it in the wiki.


Example: Collect customer data


Redaktion



Name

Redaktion


Redaktion



Name
Redaktion