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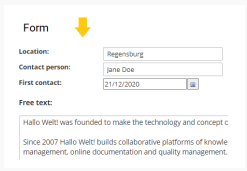
File:Manual:SMW-Formular-EN.png

The revision #24159 of the page named "File:Manual:SMW-Formular-EN.png" does not exist.

This is usually caused by following an outdated history link to a page that has been deleted. Details can be found in the deletion log.

File history

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

	Date/Time	Thumbnail	Dimensions	User	Comment
current	12:01, 20 December 2021		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:SMW-Formular-EN.png

The following page uses this file:

- Manual:Semantic MediaWiki

Metadata

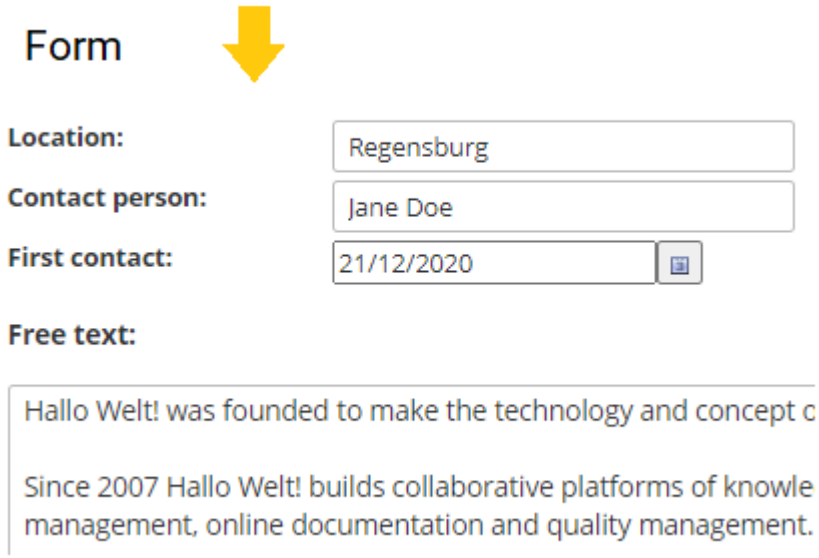
This file contains additional information, probably added from the digital camera or scanner used to create or digitize it.

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

- File
- File history
- File usage
- Metadata

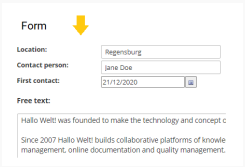


No higher resolution available.

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	10:40, 20 December 2021		465 × 314 (22 KB)	Redaktion (talk | contribs)	

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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.

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

Semantic MediaWiki Basics

Contents

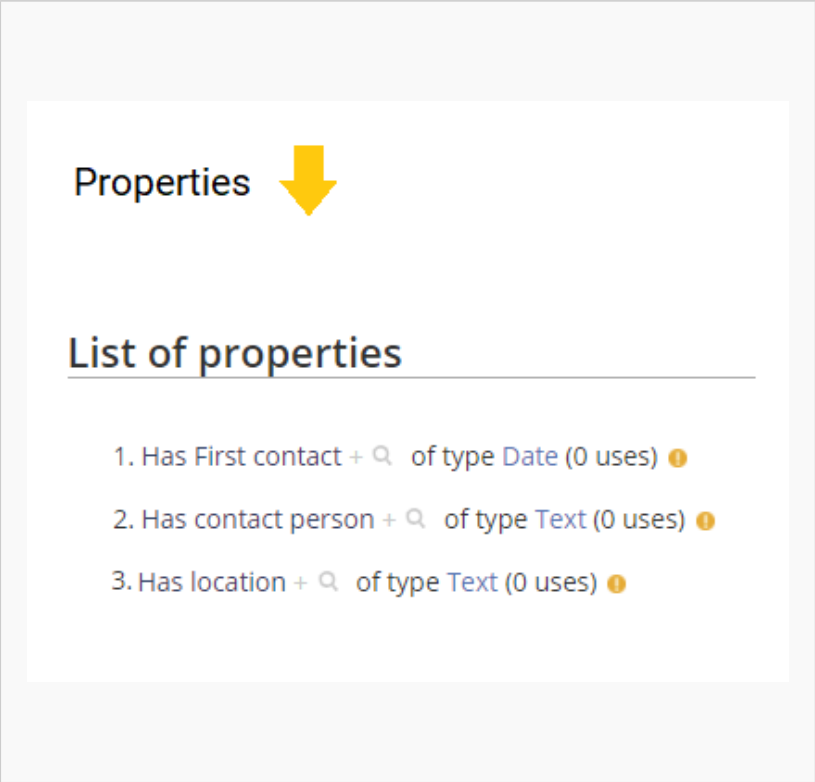
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Scope and terminology

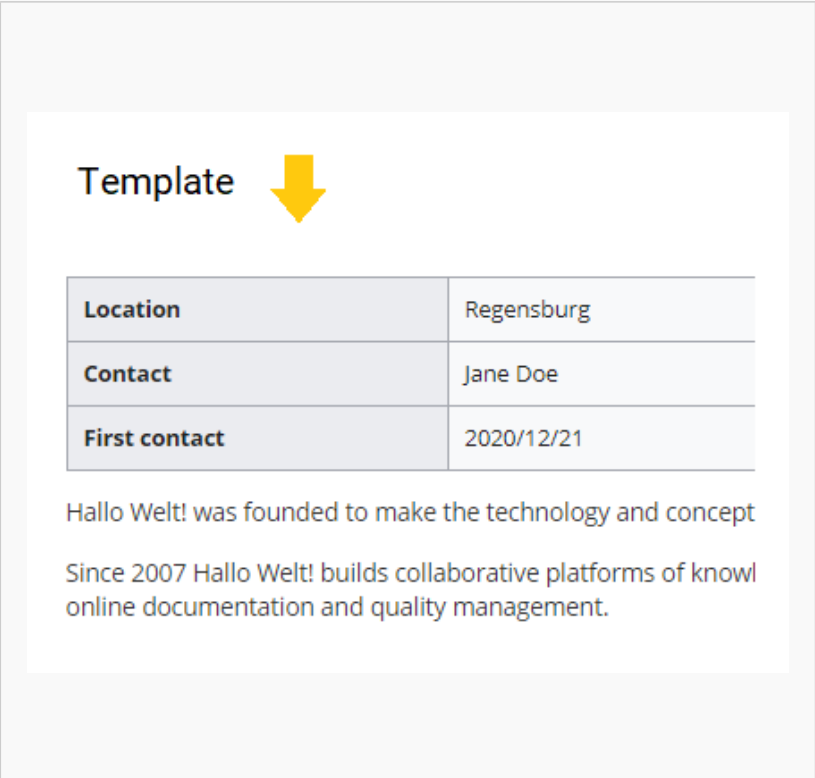
Semantic MediaWiki (SMW) is a MediaWiki extension that enables you to define and query data on a wiki page.

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

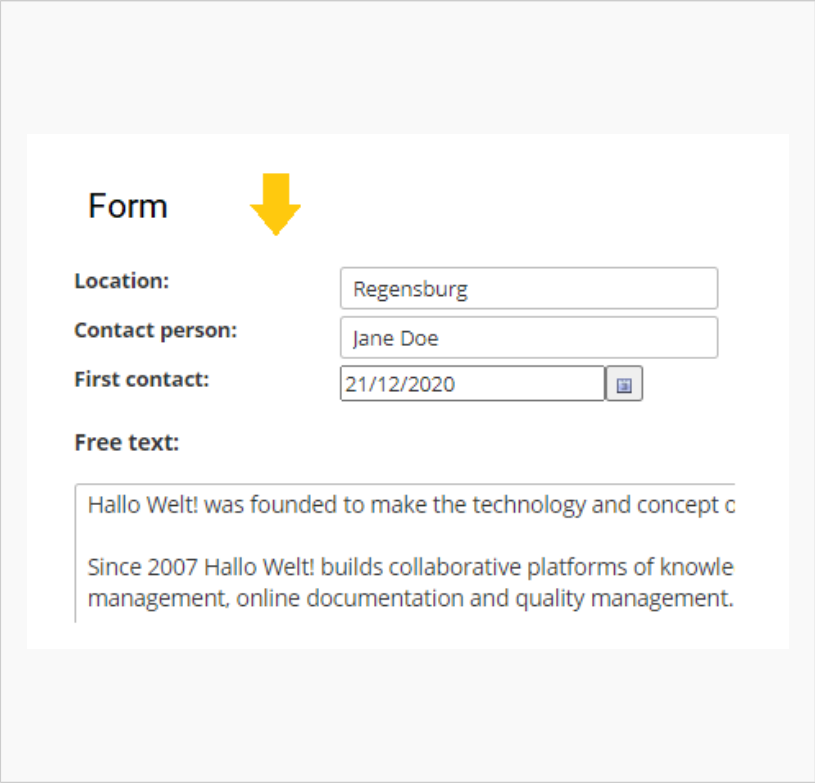
1. **Define properties:** Properties determine which values can be queried in the wiki.
2. **Create a template:** This creates the output format of the data set on the wiki pages.
3. **Create a form:** Using this form, Wiki users can comfortably enter their data.
4. **Assign a category:** Each page that 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.



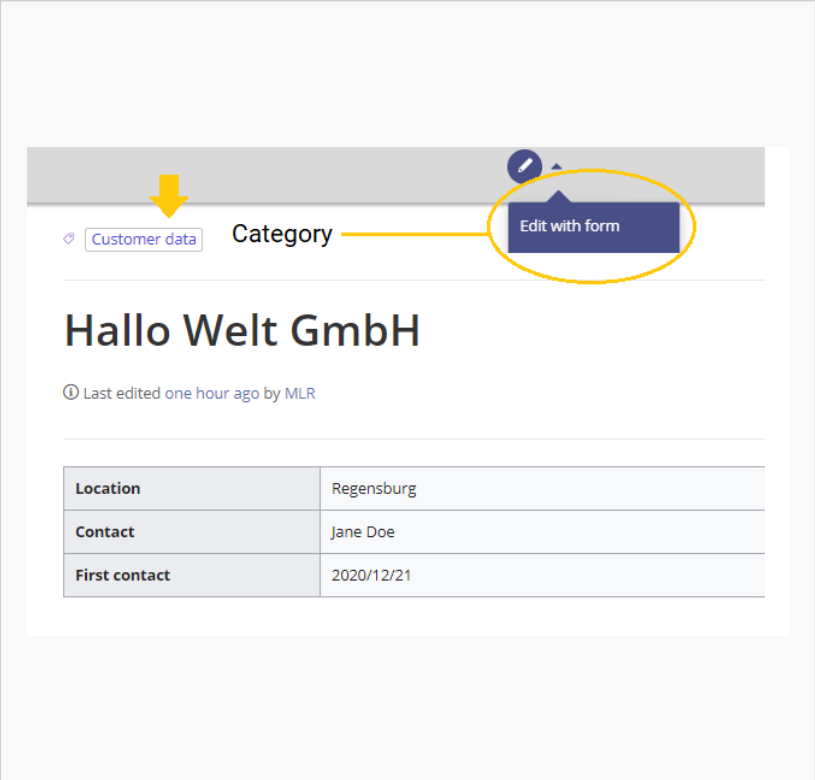
Semantic properties



Semantic template



Data entry form



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

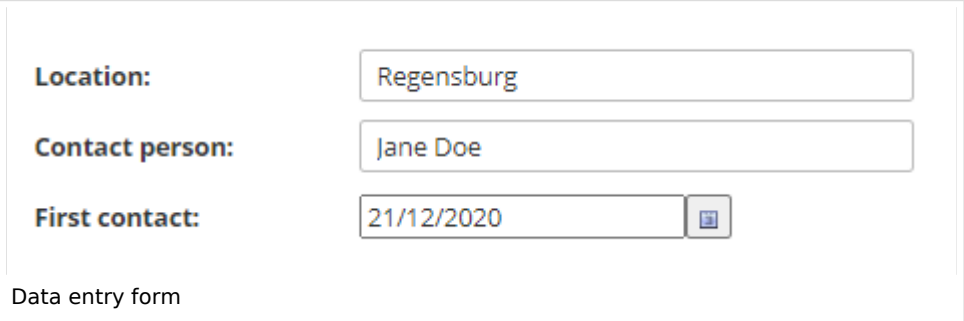
Since we often want to display several such properties and their values on one page at the same time, we format a special area that clearly shows the collected page attributes. This requires a (data) template, which can then be used on any wiki page.

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.



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