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File:Manual:screenshot-Vorlage-EN.png

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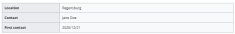
Location	Regensburg
Contact	Jane Doe
First contact	2020/12/21

Size of this preview: 800 × 129 pixels. Other resolution: 889 × 143 pixels.
Original file (889 × 143 pixels, file size: 5 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	16:30, 21 December 2020		889 × 143 (5 KB)	Blink-rodrigue (talk | contribs)	

- You cannot overwrite this file.

File usage

The following 3 pages link to this file:

- Manual:Semantic MediaWiki
- Manual:Semantic MediaWiki/Examples/Customer data
- Manual:Semantic MediaWiki/Examples/Customer data/Template styling

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 37.79 dpc
Vertical resolution 37.79 dpc
Software used
- Greenshot

1 Manual:Semantic MediaWiki

A quality version of this page, approved on *22 December 2021*, was based off this revision.

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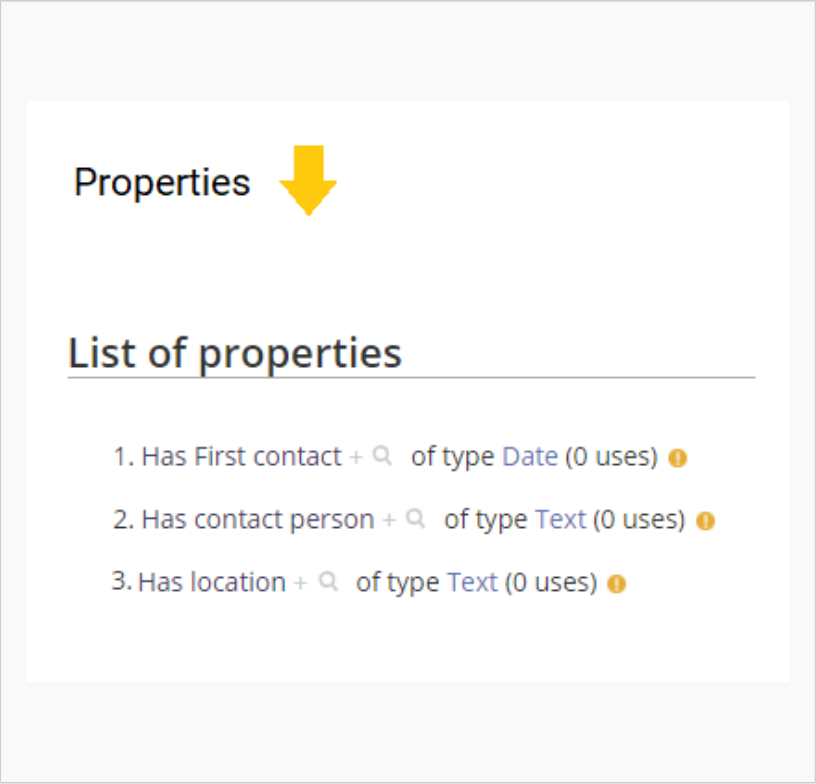
Scope and terminology

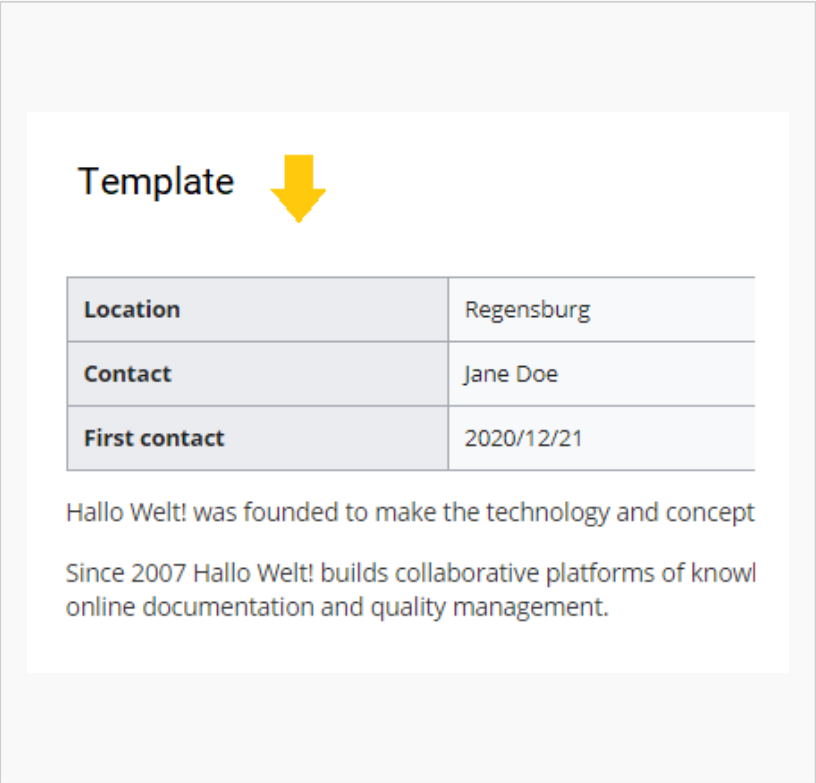
Semantic MediaWiki (SMW) is a MediaWiki extension that enables you to define and query data on a wiki page.

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

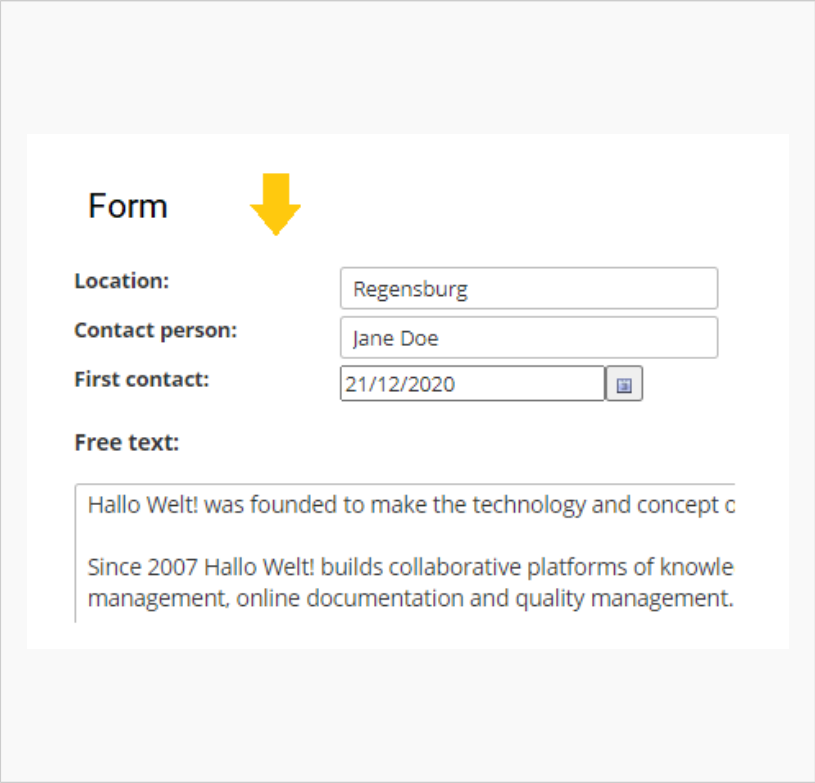
1. **Define properties:** Properties determine which values can be queried in the wiki.
2. **Create a template:** This creates the output format of the data set on the wiki pages.
3. **Create a form:** Using this form, Wiki users can comfortably enter their data.
4. **Assign a category:** Each page that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



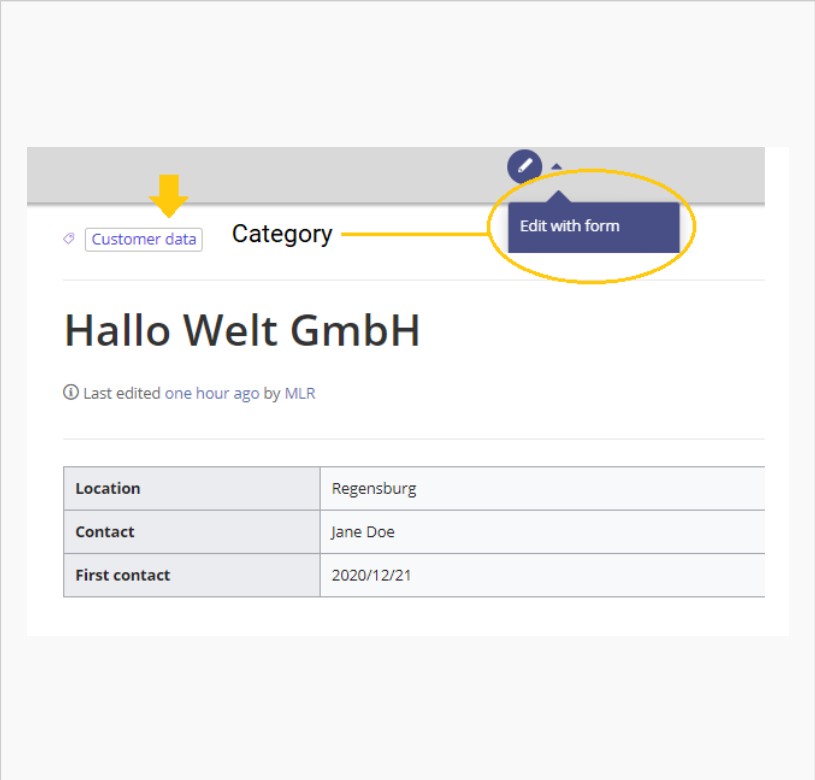
Semantic properties



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.

Location: Regensburg

Contact person: Jane Doe

First contact: 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

2 Example: Customer data

A quality version of this page, approved on *22 December 2020*, was based off this revision.

In this exampla for SMW, we create a query for customer data. The collected information is shown at the beginning of each customer page.

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

Example: Customer data

This requires 4 steps:

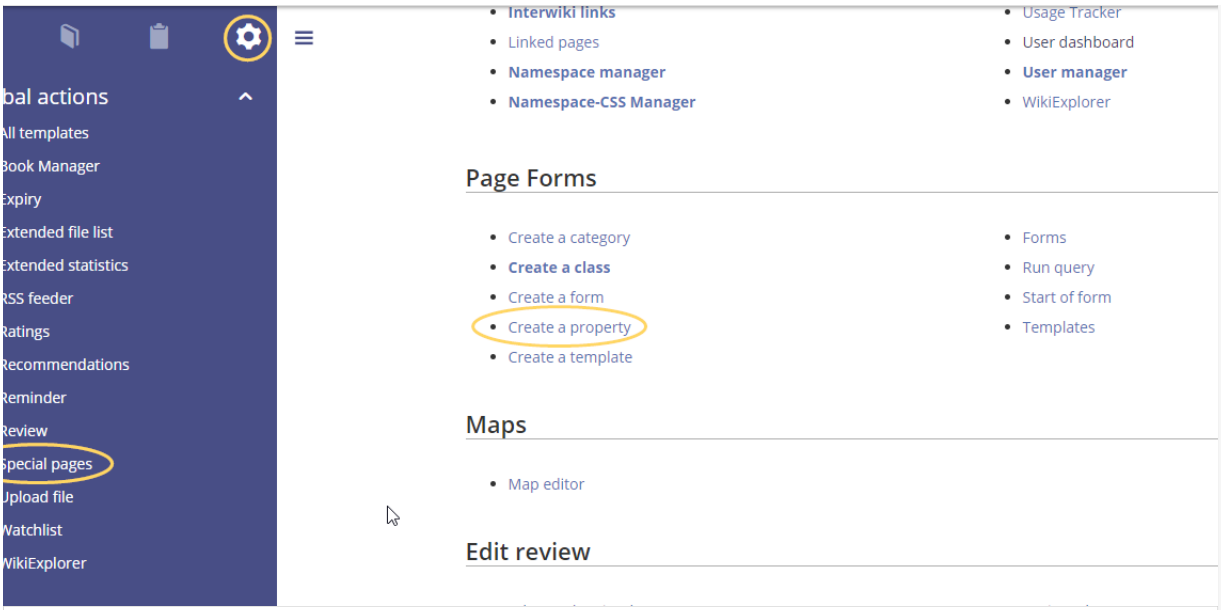
1. Defining properties
2. Creating a template
3. Creating a form
4. Creating a category

Defining properties

For our customer query, we define 3 properties:

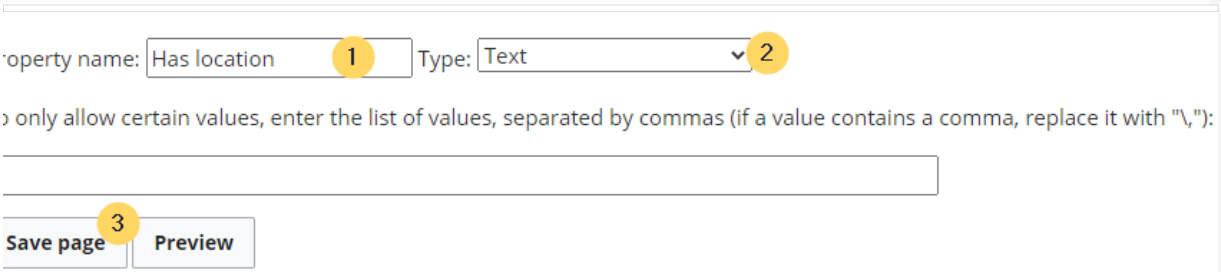
- Location
- Contact person
- Date of first contact

1 Switch to *Special pages* in the navigation menu *Global Actions*. Scroll down to section **Page Forms**.



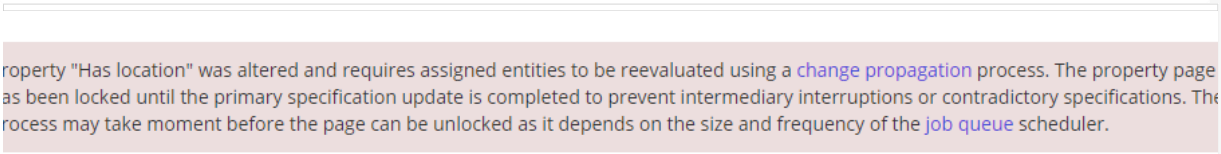
Create a property

2 Click *Create a property*. In the form, enter the name and data type for the first property Has location:: - Property name (1): Hat Location - Data type (2): Text



Create the first property

Click *Save page* (3). A message box appears that shows you that the property is now being processed in the wiki. You can ignore this message.



Property gets processed

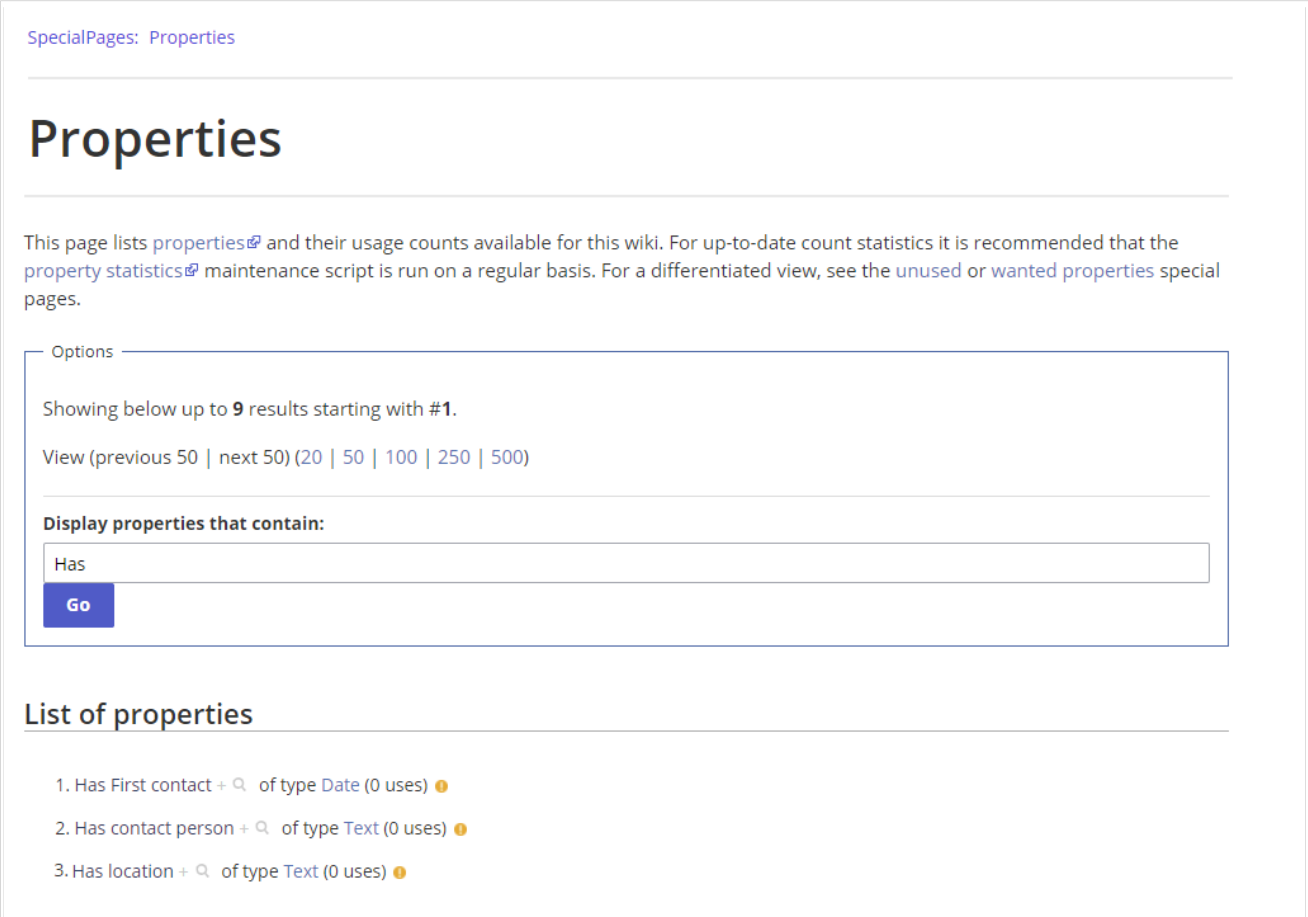
For each property, a page is created in the namespace Property in the wiki. This page contains the information about the data type.

3 Switch back to the page Wechseln Sie erneut zur Seite *Spezial:CreateProperty*. Create the property ***Has contact person*** with data type ***Text*** as shown before.

4 Switch back to *Special:CreateProperty*. Create the property ***Has First contact*** with data type ***Date***.

Tip: In your personal navigation, you can create a quick link to the Page Forms section of the special pages main page. Just enter the following link: **[[Special: SpecialPages#Page_Forms]]

You can review the properties in your wiki by going to the page *Special:Properties*.



Special page: Properties

The necessary properties for data collection are now available. In the next step, we create the template that will be included in our customer pages to display the customer data.

Create the template

Related info

- https://www.semantic-mediawiki.org/wiki/Help:Properties_and_types

3 Manual:Semantic MediaWiki/Examples/Customer data /Template styling

A quality version of this page, approved on *22 December 2020*, was based off this revision.

By default, a semantic template that was created with the page *Special:CreateTemplate,* is displayed in a basic table format. Each property/value pair is shown in a new table row.The table width adjusts to the table content.

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

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Since 2007 Hallo Welt! builds collaborative platforms of knowledge for organisations – especially solutions for knowledge management, online documentation and quality management.

Default table of a semantic template

To change the table layout, we can add some styling information to the template.

Adjusting the template styling

To format the table, we create a subpage to the template. It contains the custom template styles. In the following example, we create a variation of the original table with a width of 100%, left-aligned labels and more padding in the table cells.

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

Customized table styling

1 Create the subpage styles.css. For the template Customer data, you need to create the page *Template:Customer data/styles.css*.

2 To achieve the shown table styling, add the following code to the new *styles.css*.

```
table.mysmwtable {
        width:100%; /*width of the box/
        margin: 0 0 2em 0; /*cell padding*/
        background-color: #f8f9fa; /*background color for the table*/
        color: #222; /*Textfarbe*/
        border: 1px solid #a2a9b1; /*border*/
        border-collapse: collapse; /*border*/
}
table.mysmwtable > tr > th, table.mysmwtable > * > tr > th {
        background-color: #eaecf0; /*background color of the label column*/
        text-align: left; /*alignment of the label column*/
        width:25%;/*width of the label column*/
}
table.mysmwtable > tr > td, table.mysmwtable > * > tr > td {
        background-color: #f8f9fa; /*background-color of the second column*/
}
table.mysmwtable > tr > th, table.mysmwtable > tr > td, table.mysmwtable > * >
tr > th, table.mysmwtable > * > tr > td {
        border: 1px solid #a2a9b1; /*border around cells*/
        padding: 10px; /*cell padding*/
}
form.createbox table.formtable th {
        padding:10px 0; /*distance between form fields*/
}
```

Creating Template:Customer data/styles.css

Manage TemplateData | Information about TemplateData

You have followed a link to a page that does not exist yet. To create the page, start typing in the box below (see the help page for more info). If you are here by mistake, click your browser's **back** button.

```
table.mysmwtable {
    width:100%; /*width of the box/
    margin: 0 0 2em 0; /*cell padding*/
    background-color: #f8f9fa; /*background color for the table*/
    color: #222; /*Textfarbe*/
    border: 1px solid #a2a9b1; /*border*/
    border-collapse: collapse; /*border*/
}
table.mysmwtable > tr > th, table.mysmwtable > * > tr > th {
    background-color: #eaecf0; /*background color of the label column*/
    text-align: left; /*alignment of the label column*/
    width:25%;/*width of the label column*/
}
table.mysmwtable > tr > td, table.mysmwtable > * > tr > td {
    background-color: #f8f9fa; /*background-color of the second column*/
}
table.mysmwtable > tr > th, table.mysmwtable > tr > td, table.mysmwtable > * > tr > th, table.mysmwtable > * > tr > td {
    border: 1px solid #a2a9b1; /*border around cells*/
    padding: 10px; /*cell padding*/
}
```

1

0 3 0 23:1

Summary:

255

Watch this page

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You are also promising us that you wrote this yourself, or copied it from a public domain or similar free resource (see Legal:Copyright for details). **Do not submit copyrighted work without permission!**

2

Save page | Show preview | Show changes | Cancel

Create a custom table style

Save the page.

3

Now edit the page *Template:Customer data*.
(1) Add the reference to the page *styles.css* at the beginning of the template. You can copy the following tag:
<templatestyles src="Customer_data/styles.css" />
(2) Change the name of the css-class used in the table from *wikitable mysmwtable*.

Template:Customer data

```
<templatestyles src="Customer data/styles.css" />
<noinclude>
This is the "Customer data" template.
It should be called in the following format:
<pre>
{{Customer data
|location=
|contactperson=
|firstcontact=
}}
</pre>
Edit the page to see the template text.
</noinclude><includeonly>
{| class="mysmwtable"
! Location
| [[Has location::{{{location|}}}]]
|-
! Contact
| [[Has contact person::{{{contactperson|}}}]]
```

Add style tag to the template

Save the changes.

Now you can see the new table styling..

As a variation, you can also define the background color of the table cells. For example, you can create white cell backgrounds. Change the following lines in your *styles.css*:

```
table.mysmwtable > tr > th, table.mysmwtable > * > tr > th {
        background-color: white; /*background color of the label column*/
}
```

sowie

```
table.smwtable > tr > td, table.smwtable > * > tr > td {
        background-color: white; /*Hintergrundfarbe der Wertespalte*/
}
```

Im CSS ändern sich also folgende Zeilen:

```
1  table.mysmwtable {
2      width:100%; /*width of the box/
3      margin: 0 0 2em 0; /*cell padding*/
4      background-color: #f8f9fa; /*background color for the table*/
5      color: #222; /*Textfarbe*/
6      border: 1px solid #a2a9b1; /*border*/
7      border-collapse: collapse; /*border*/
8  }
9  table.mysmwtable > tr > th, table.mysmwtable > * > tr > th {
10     background-color: white; /*background color of the label column*/   1
11     text-align: left; /*alignment of the label column*/
12     width:25%;/*width of the label column*/
13 }
14 table.mysmwtable > tr > td, table.mysmwtable > * > tr > td {
15     background-color: white; /*background-color of the second column*/   2
16 }
17 table.mysmwtable > tr > th, table.mysmwtable > tr > td, table.mysmwtable > * > tr > th, table.mysmwtable > * > tr > td {
18     border: 1px solid #a2a9b1; /*border around cells*/
19     padding: 10px; /*cell padding*/
```

White cell backgrounds

Die Zellhintergründe werden entsprechend angepasst.

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

Display of white table backgrounds

Infobox

You can also format the table as an infobox. An infobox is floating to the left or right of the text flow.

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Since 2007 Hallo Welt! builds collaborative platforms of knowledge for organisations – especially solutions for knowledge management, online documentation and quality management.

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

Infobox

1 Add the following css-code to the page Template*:Customer_data/styles.css* and save the template. Delete any previous styles for the class .mysmwtable to avoid any inheritance problems for the styles:

```
table.mysmwtable {
        float:right; /*right-aligned infobox*/
        width:300px; /*width of the box*/
        margin: 0 0 2em 2em; /*cell padding*/
        background-color: #f8f9fa; /*background color for the table*/
```

```
        color: #222; /*Textfarbe*/
        border: 1px solid #a2a9b1; /*border*/
        border-collapse: collapse; /*border*/
}
table.mysmwtable > tr > th, table.mysmwtable > * > tr > th {
        background-color: #eaecf0; /*background color of the label column*/
        text-align: left; /*alignment of the label column*/
}

table.mysmwtable > tr > th, table.mysmwtable > tr > td, table.mysmwtable > * > tr
 > th, table.mysmwtable > * > tr > td {
        border: 1px solid #a2a9b1; /*border around cells*/
        padding: 0.2em 0.4em; /*cell padding*/
}
form.createbox table.formtable th {
        padding:10px 0; /*distance between form fields*/
}
```

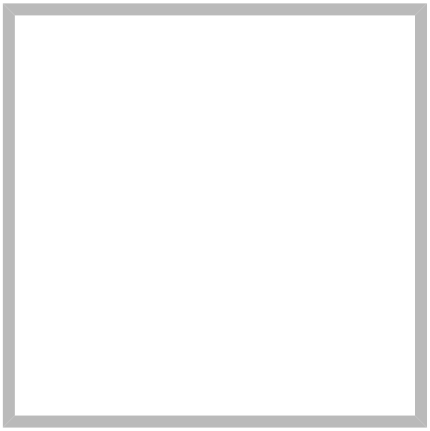
Tip: If you need different output formats, create separate templates to accomodate the styling. The templates can then use different subpages (styles.css) for each styling.

User talk:Mlink-rodrigue

New discussion.

MLR (talk) 09:10, 3 December 2019 (CET)

MLR



Name MLR

MLR edited the article Setup:Release Notes Created 2 years and 8 months ago

MLR Created 4 years and 7 months ago

Name	MLR

MLR edited the article Setup:Release Notes Created 2 years and 8 months ago

MLR edited the article Manual:Extension/BlueSpiceExtendedStatistics Created 2 years and 8 months ago

MLR edited the article Manual:Extension/BlueSpiceExtendedStatistics Created 2 years and 8 months ago

MLR edited the article Manual:Extension/BlueSpiceExtendedStatistics Created 2 years and 8 months ago

Extension/DrawioEditor Created 4 years and 4 months ago MLR

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MLR edited the article Manual:Extension/DrawioEditor Created 2 years and 8 months ago

MLR added a new version of the file File:HW-Action points.zip Created 2 years and 8 months ago