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2.2 Manual:Semantic MediaWiki/Examples/Customer data /Template

A [quality version](#) of this page, [approved](#) on *22 December 2020*, was based off this revision.

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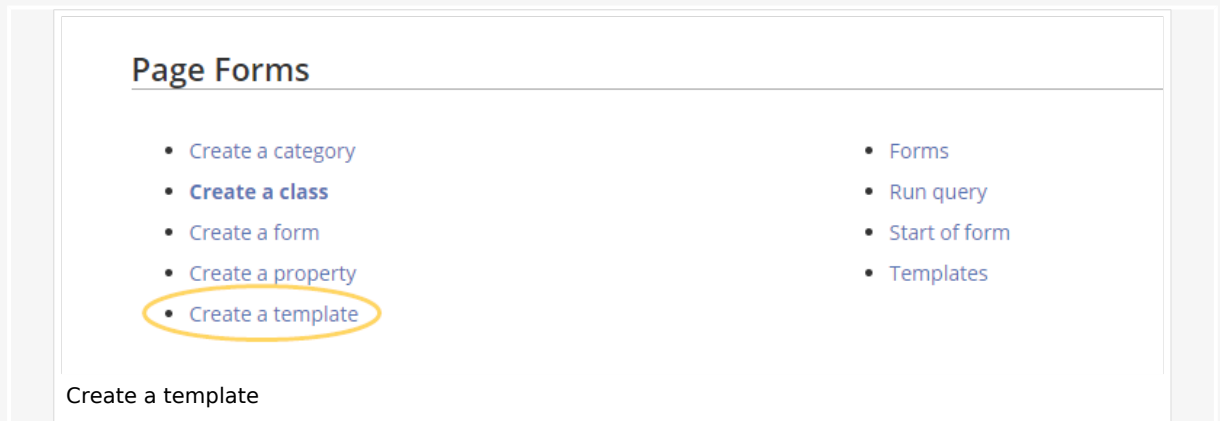
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Creating the display template

To create the template, we go to the page *Special:Create template*. On this page, we have access to the properties that we have already created.

1

Like in the previous step ([creating properties](#)), switch to the Page Forms section on the page *Special:SpecialPages*.



2

Define the data fields that you want to use in your template. For each property that you created, you need to have a field in the template.

Template name: 1Category defined by template (optional): 2

Template fields

To have the fields in this template no longer require field names, simply enter the index of each field (e.g. 1, 2, 3, etc.) as the name, instead of an actual name.

Field name:

 3

Display label:

 4Semantic property: 5 ▾

Delete

☐ Field holds a list of values

Field name:

Display label:

Semantic property: ▾

Delete

☐ Field holds a list of values

Field name:

Display label:

Semantic property: ▾

Delete

☐ Field holds a list of values

Add field 6

Create the template

- **Template name (1):** Enter *Customer data* as name for the template.
- **Category (2):** Define a category which will be assigned to all customer pages that use this template. It makes sense to also call this category Customer data.
- **Field name (3):** Create a field name for the property *Has location*. This field name will later be used to connect the template with the data entry form. The name should not contain spaces.
- **Display label (4):** This is the field label that is shown on the customer pages. It can contain spaces.
- **Semantic property (5):** Choose the property *Has location* that you created in the previous step.
- **Add field (6):** Click Add field to create the fields for the properties *Has First contact* and *Has contact person*.

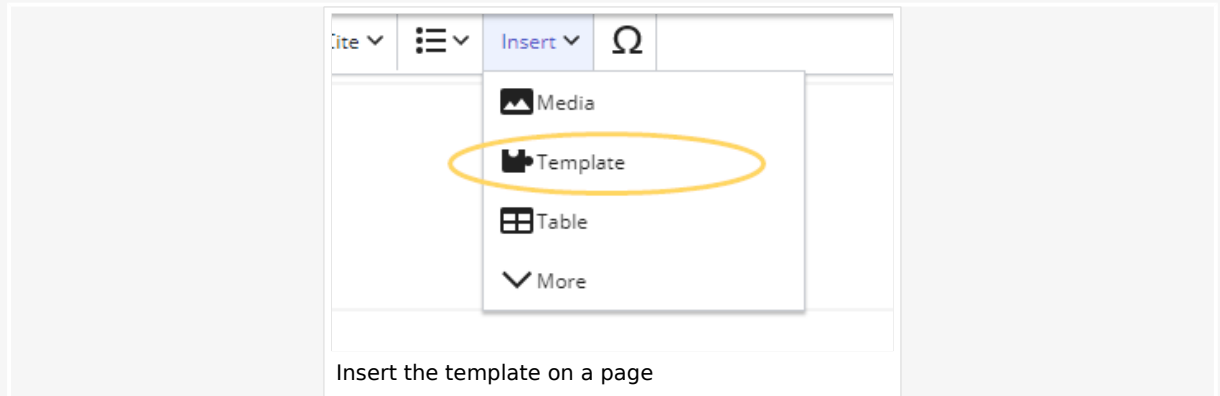
3

Click *Save page* at the end of the page *Seite speichern*.

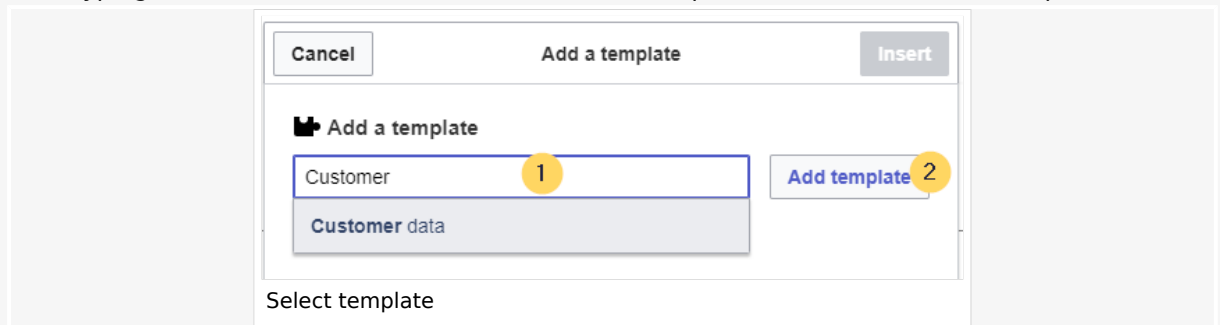
The template is now available and can be viewed in the *Template* namespace. You do not have to edit the template any further at this point.

Including the template on a page

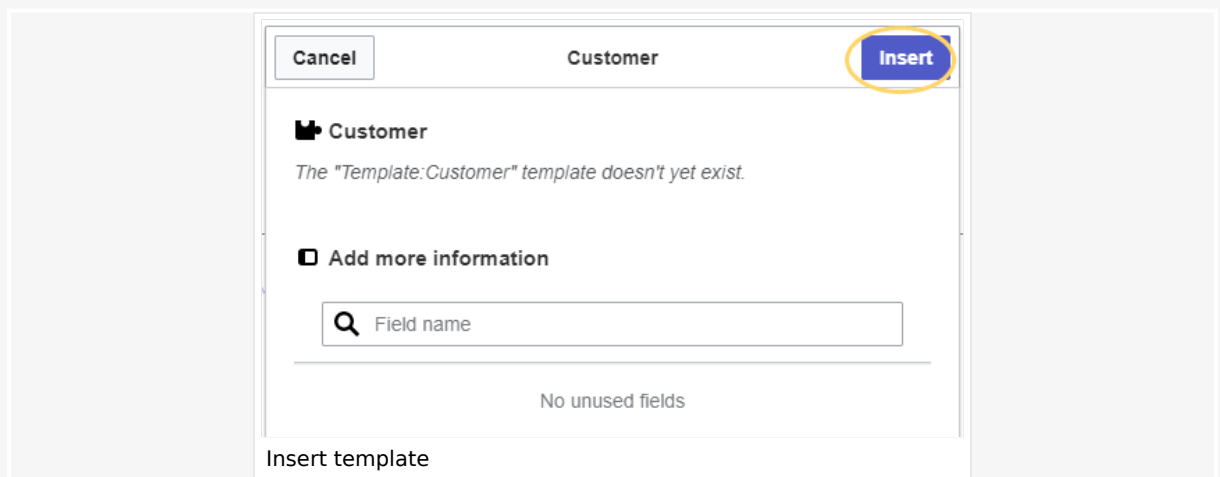
- 1 To include the template on a customer page, you simply add it from the Visual Editor *Insert* menu.



- 2 Start typing the name *Customer data* and select the template (1). Then, click *Add template* (2).



- 3 Click *Insert*.



- 4 Save the page. The template is now included on the page.

Customer page

Last edited 24 seconds ago by MLR

☆ Watch ⓘ No status information

Location	
Contact	
First contact	

← Template "Customer data"

Included template

Next step

Next, we create a form that makes it easy for users to enter the data.

Create a form

Related info

- https://www.semantic-mediawiki.org/wiki/Help:Semantic_templates Help page for semantic templates

2 Example: Customer data

A [quality version](#) of this page, [approved](#) on *22 December 2020*, was based off this revision.

In this example 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

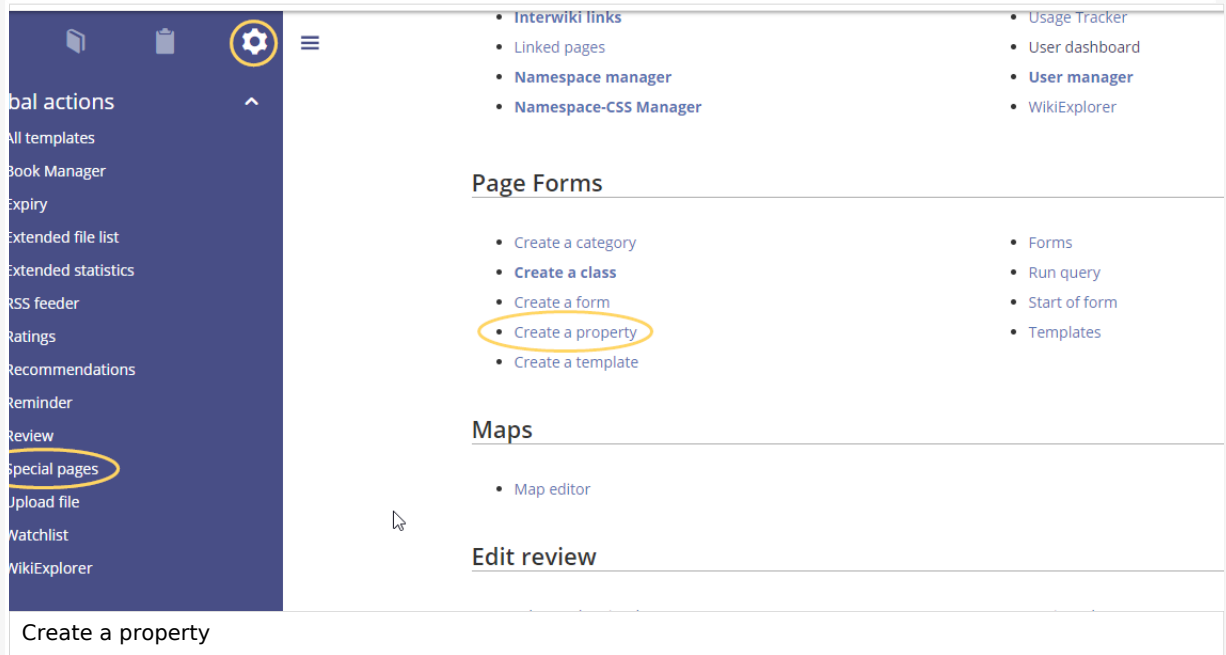
Defining properties

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**.



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

The screenshot shows the 'Create a property' form. The 'Property name' field contains 'Has location' (marked with a yellow circle 1) and the 'Type' dropdown menu is set to 'Text' (marked with a yellow circle 2). Below these fields, there is a text area for 'only allow certain values, enter the list of values, separated by commas (if a value contains a comma, replace it with "\","):' which is currently empty. At the bottom, there are two buttons: 'Save page' (marked with a yellow circle 3) and 'Preview'. Below the buttons, a message box says '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 "Has location" was altered and requires assigned entities to be reevaluated using a [change propagation](#) process. The property page has been locked until the primary specification update is completed to prevent intermediary interruptions or contradictory specifications. The process may take moment before the page can be unlocked as it depends on the size and frequency of the [job queue](#) scheduler.

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*.

[SpecialPages: Properties](#)

Properties

This page lists [properties](#) and their usage counts available for this wiki. For up-to-date count statistics it is recommended that the [property statistics](#) maintenance script is run on a regular basis. For a differentiated view, see the [unused](#) or [wanted properties](#) special pages.

Options

Showing below up to **9** results starting with **#1**.

View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500)

Display properties that contain:

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) [?](#)

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

2.3 Manual:Semantic MediaWiki/Examples/Customer data/Form

A [quality version](#) of this page, [approved](#) on *22 December 2020*, was based off this revision.

With the page *Special:CreateForm*, we now create the data entry form.

Page Forms

- [Create a category](#)
- [Create a class](#)
- [Create a form](#)
- [Create a property](#)
- [Create a template](#)
- [Forms](#)
- [Run query](#)
- [Start of form](#)
- [Templates](#)

Create a form

Creating the form

1

On the "Create a form" page, enter a name for your new form. Since we create it for template *Customer data*, we give the form the same name (1). Select the template *Customer data* from the choice menu and click *Add* (2).

Form name (the form is usually given the same name as its main template):

Customer data 1

Add elements

Add template: Customer data Add 2

Select template

2

The customer data fields from the template *Customer data* are automatically integrated in the form. To facilitate the data entry for the date field, change the input type of the field *firstcontact* to *datepicker*. (1) Then, click *Save page* (2).

Field: firstcontact

This field defines the property Has First contact, of type Date.

Form label:

First contact

 Input type:

datepicker

1

☐ Other parameters

Remove template

Add elements

Add template:

Archive:ServiceCenter Example

 Before:

At end

Add

Add section:

Section name

Before:

At end

Add section

2

Save page

Preview

Selecting the input type

Now the form is available for data entry. It can be found in the namespace *Form*.

Using the form

When we create a new customer page, we can now use the form page to create the page and to automatically include the customer data template in the page. The form page has the name *Form:Customer data*.

1

To create a customer page, enter a page name in the form field (1) and click *Create or edit* (2).

04.05.2025

This document was created with BlueSpice

Page 11 of 13

Customer data

 Last edited 42 minutes ago by MLR

 Watch  No status information

This is the "Customer data" form. To create a page with this form, enter the page name below; if a page with that name already exists, you will be sent to a form to edit that page.

Hallo Welt GmbH 1 Create or edit 2

Create a customer page

2

Enter the customer data (1). You can additionally create some free text (2). Click *Save page* after editing the page (3).

Create Customer data: Hallo Welt GmbH

Location: 1 Regensburg
Contact person: Jane Doe
First contact: 21/12/2020 
Free text: 2

Hallo Welt! was founded to make the technology and concept of Wikipedia applicable for professional usage.

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

Summary:

This is a minor edit ☐ Watch this page

Save page Show preview Show changes [Cancel](#)

Dateneingabe während Seitenerstellung

Now you have created a customer page that collects customer data and shows the entered data on the page.

(Pages): [Hallo Welt GmbH](#)

Page ▼ [Discussion](#)

 Customer data

Hallo Welt GmbH

🕒 Last edited one hour ago by MLR☆ Watch🔔 No status information

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

Hallo Welt! was founded to make the technology and concept of Wikipedia applicable for professional usage.

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

Customer page with semantic template

Note: You can [customize the template style](#) later. First, you should integrate the form with the customer pages.

Next step

As the next step, we add the form edit mode option to pages that include the *Customer data* template.

Edit pages in form edit mode

Related info

- https://www.mediawiki.org/wiki/Extension:Page_Forms/Quick_start_guide Help page for the extension *PageForms*