



I.T IS OPEN

SMILE CUSTOM ENTITY
MAGENTO 2 MODULE

User's Guide **Custom Entity**

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Getting Started

Module Install

Into Magento2 folder, use `composer` for install this module :

```
composer install smile/module-custom-entity
```

Now, let's finish the installation process:

```
bin/magento setup:upgrade
```

Congrats, this module is now installed.

Additional modules

Module Name	Description
Custom Entity Product Link	Allow to link product to custom entity: add a product type attribute, display products in entities, add entities filters
Custom Entity Import/Export	Add import profil for custom entities

Entity Attribute

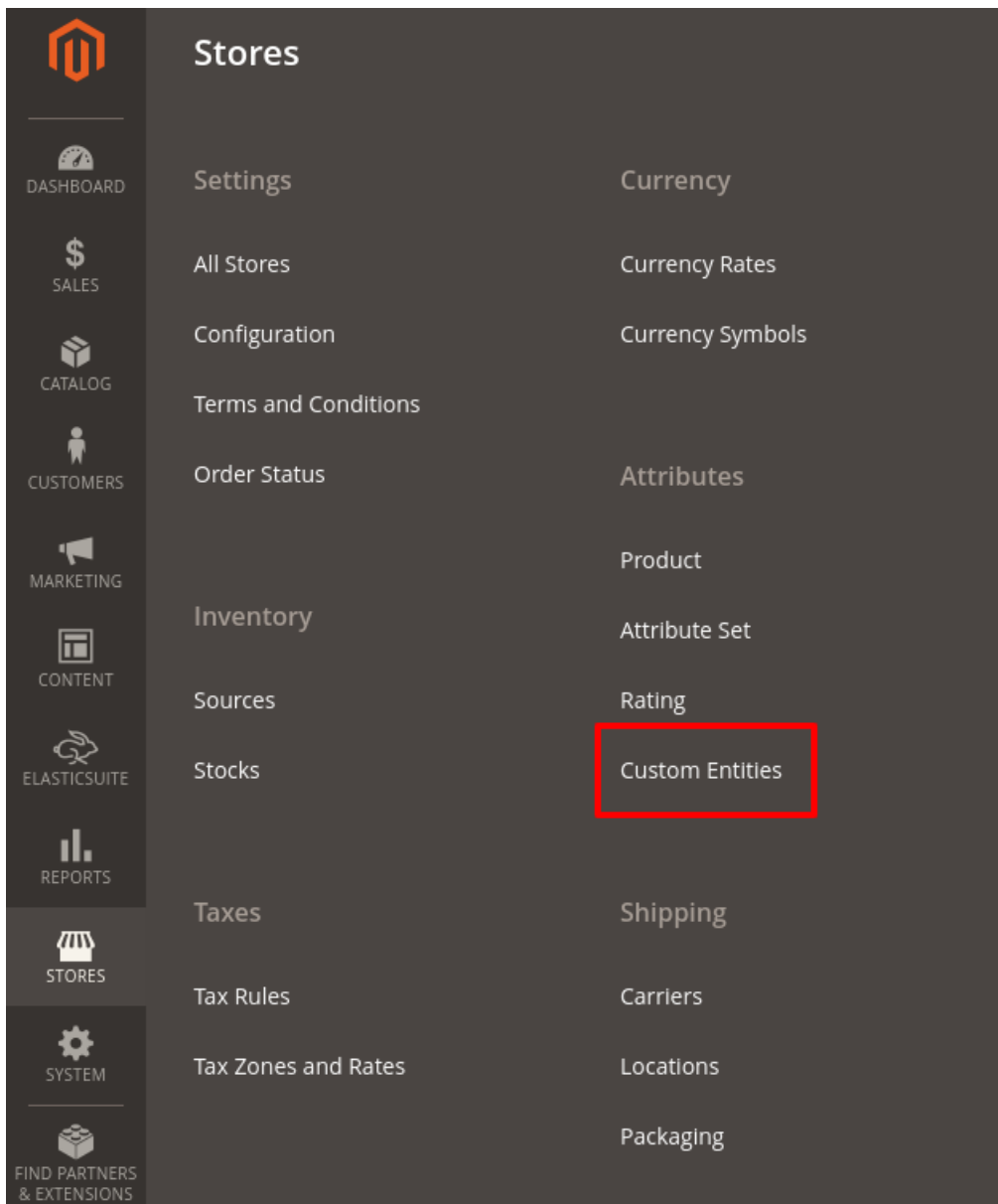
Description

Entity attributes are the build block of your entity and describe specific characteristics of this. Product attributes can be organized into [entity type](#), which are then used as templates for creating entity.

You can create as many entity attributes and entity type as necessary for your projet. For example : Brand, Picto, ...

Entity attributes list

For create a new attribute, you can go to System > Attribute > Custom Entity :



You arrive on the list of existing attributes:

Manage Attributes

Search, Notifications, User: admin

Add New Attribute

Filters, Default View, Columns

5 records found

20 per page, 1 of 1

Attribute Code	Frontend Label	Action
description	Description	Edit
image	Image	Edit
is_active	Is Active	Edit
name	Name	Edit
url_key	URL Key	Edit

Create a new entity attribute

You can click on the [Add New Attribute](#) button to go to the create form:

New attribute

Search, Notifications, User: admin

Back, Reset, Save and Continue Edit, Save Attribute

ATTRIBUTE INFORMATION

- Properties
- Manage Labels

Attribute Properties

Default Label *

Attribute Code

This is used internally. Make sure you don't use spaces or more than 60 symbols.

Scope

Declare attribute value saving scope.

Input Type

Values Required

After save your new attribute, you see it in attributes list. It only remains to add it to an entity type.

Entity type

Description

When you create an entity, the first step is to choose the entity type that is used as a template. The entity type determines the fields that are available during entity creation, and the values that appear to the customer (depends on your theme).

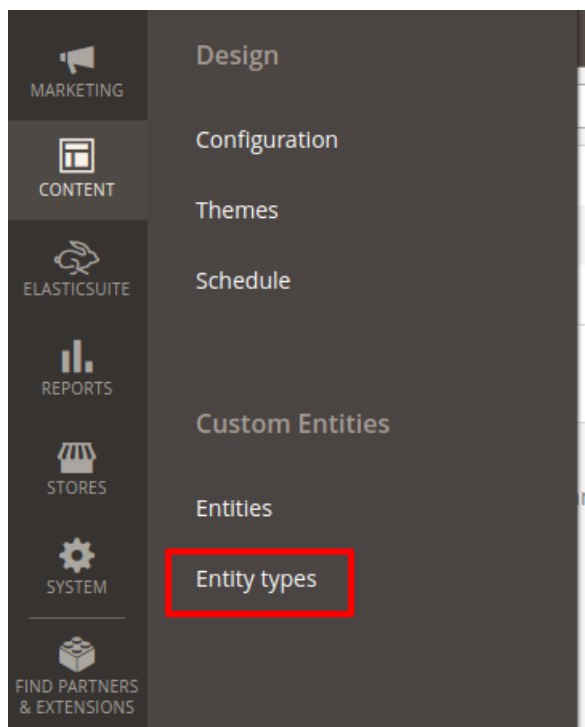
The entity attributes can be organized into groups and that determine where they appear in entity creation.

We recommend that you create as many entity types as you need (Brand, Picto, ...)

Backoffice

Entity type list

Go to Content > Custom Entities > Entity types:



to display the entity types list:

Attribute Sets

Search  7  admin

[Add Attribute Set](#)

Search [Reset Filter](#) 3 records found

20 per page < 1 of 1 >

Set
Brand
Default
Picto

Create a new entity type

For create a new entity type, you click on [Add Attribute Set](#) button and you arrive on this screen:

New Attribute Set

← Back Save

Edit Attribute Set Name

Name *

For internal use

Based On * Default ▾

Choose a name for your entity type and what kind of entity type it is based on. It's a clone of this type, and you can change it later (add/remove/move attribute, add group)

Edit an entity type or add attribute to it

After adding a new entity type or editing an existing one, you see this screen:

Brand

← Back Delete Reset Save

Edit Attribute Set Name

Name *

For internal use

Groups

Add New Delete Selected Group

Double click on a group to rename it.

- General
 - name
 - is_active
 - url_key
 - description
 - image

Unassigned Attributes

Empty

You can execute the actions: * Rename the entity type * Add new group * Delete a group * Assign an attribute to group * Move an attribute * Remove an attribute to group

Front

Show entity set on front

It's possible to display an entity set on front, the entity type name is convert to url (remove space and special character).

Example : we have an entity type "Brand", her url is: https://www.***.com/brand

This page display all entities with an entity type equals to **Brand**.

Home > Brand

Brand



Placeholder with this image



Willms Inc

Show detail



Wilkinson, Grady and Schaefer



Gaylord-Bartell



Dach Ltd



Simonis and Sons

Entity

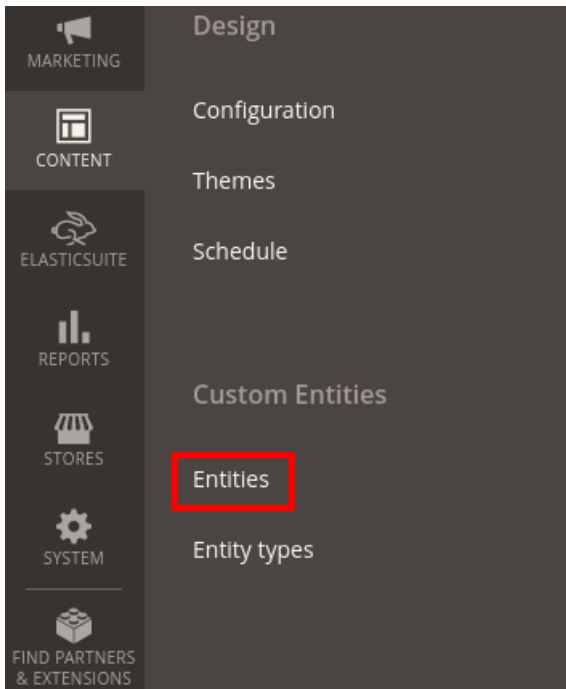
Description

An entity is defined by type (cf entity type chapter), the type defines the list of attributes that make up your entity.

Backoffice

Entity List

To display your entities, go to Content > Custom Entities > Entity:



And you see the entities list:

Custom Entities 🔍 🔔 👤 admin

[Add](#) ▼

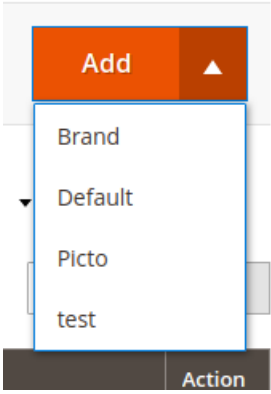
Filters | Default View | Columns

305 records found 20 per page | 1 of 16

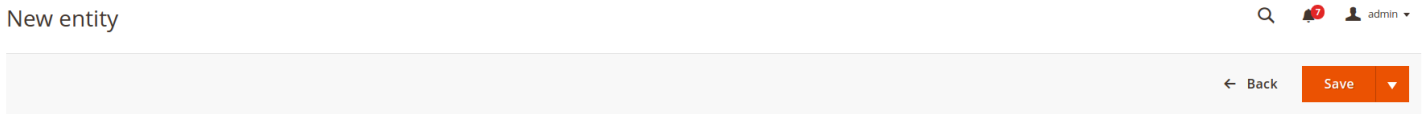
ID	Name	Attribute Set	Action
2	[REDACTED]	Brand	Edit
3	best	Picto	Edit
4	Willms Inc	Brand	Edit
5	Wilkinson, Grady and Schaefer	Brand	Edit

Create a new entity

To create an entity, you can click on [Add](#) button (the entity type will be the first type in alphabetical order). Or you can click on arrow - to the right of the button - and choose the type of entity to creation:



After clicking the **Add** button or choosing an entity type, you arrive at the entity form:



General

Name *
[store view]

Is Active * Yes
[store view]

Attribute Set Picto

URL Key
[store view]

Description
[store view]

Paragraph **B** *I* U

Front

Show entity on front

It's possible to display an entity on front, the entity name is convert to url (remove space and special character) and append after the entity set url.

Example : we have an entity "Smile" of "Brand" type, her url is: https://www.***.com/brand/smile

This page displays image, title and description of entity:

best

Modi occaecati explicabo ullam repellat hic ad. Facere blanditiis ut consequatur maxime. Veritatis ducimus quae minus sit sint omnis. Numquam occaecati rem iste qui non a. Est nostrum ea dignissimos fugiat quia. Facilis dolor nam dolores sunt ea. Maxime ex harum aut numquam quia placeat voluptatum. Soluta eum et molestiae voluptas vitae iure sunt. Fugiat tenetur et quae iste facere quisquam. Optio adipisci ut rerum impedit facilis aut. Sunt et excepturi quisquam aut. Illo eos nihil praesentium.

[Back](#)

