

Adding fields to the custom entity via the UI



In this section, the author shows how to add a textarea with a rich-text editor (CKEditor) so that users have a few options to optimize their content. Further, a price field and an options field.

Drupal ships with a core CKEditor module, which is the industry standard for rich text editing. We want to add a description field to our entity.



Enable the **ckeditor** module:

```
bash$ drush en ckeditor -y  
[success] Successfully enabled: ckeditor
```

For authenticated users to be able to use the editor, go to </admin/config/content/formats> > add text format:

Name (Html)

Roles (Authenticated users)

Text editor (CKeditor)

Add text format

Name *

Html

Machine name: html [\[Edit\]](#)

Roles

☐

Anonymous user

☒

Authenticated user

Text editor

CKEditor ▾

Now choose the rich text buttons you'd like to enable and save.

We'll add a description field for our offer at </admin/structure/offer/fields> > *add field*

Add a new field (Text, formatted, long)

Add a label (Description)

Description (Be as complete as possible about your offer)

Next, we want the users to choose between a minimum price or without a minimum price.



We enable the core options module for this:

```
bash$ drush en options
[success] Successfully enabled: options
```

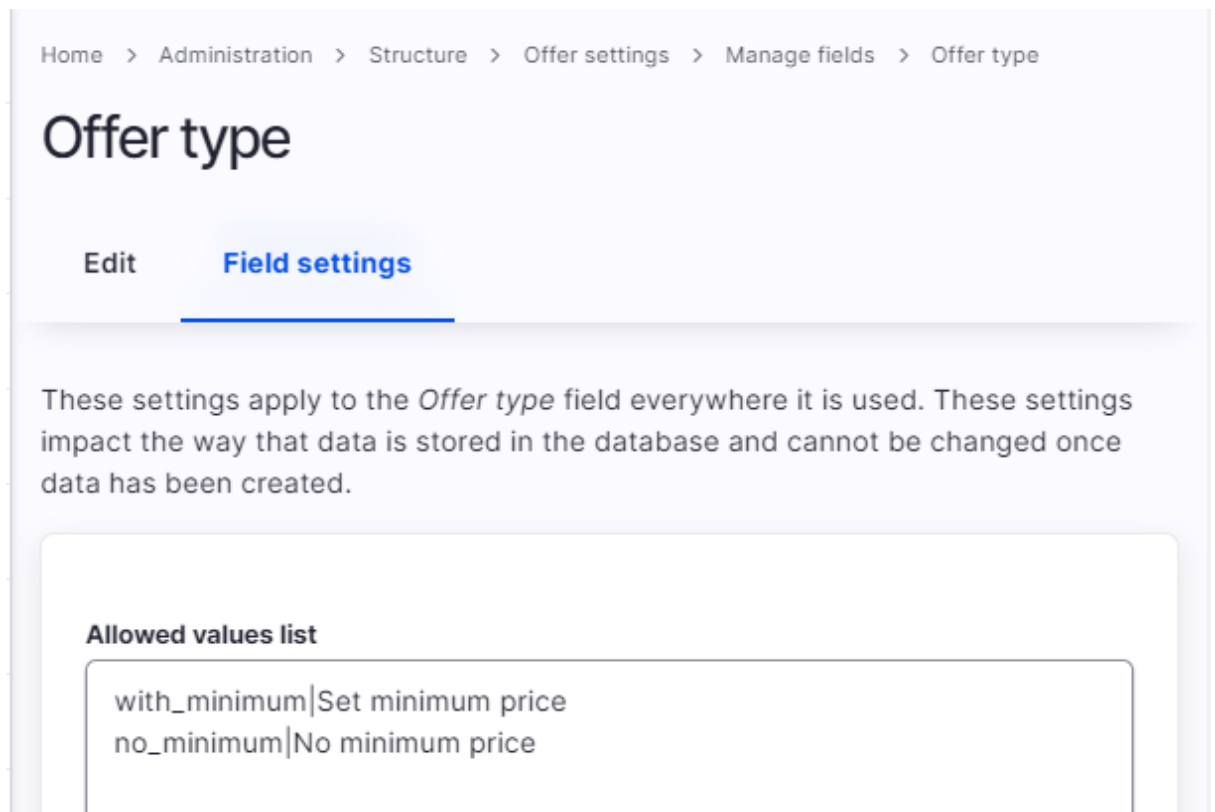
Add a new field (Text, list)

Add a label (Offer type)

Allowed values list:

with_minimum|Set minimum price

no_minimum|No minimum price



Description (Set the type of offer)

If a user wants to ask for a minimum price, he needs a field to enter the price. We'll add a last field for this:

Add a new field (Number, decimal)

Add a label (Price)

Add a description (Your minimum price (in \$))

Minimum (0)

Suffix (\$)

Manage fields

+ Add field

Settings

Manage fields







Manage form display

Manage display

Label	Machine name	Field type	Operations
Description	field_description	Text (formatted, long)	Edit ▼
Image	field_image	Entity reference	Edit ▼
Offer type	field_offer_type	List (text)	Edit ▼
Price	field_price	Number (decimal)	Edit ▼

The fields appear automatically in the entity creation form at </offers/create>. Via </admin/structure/offer/form-display> we can manipulate order and display settings.

Description

B *I* |   |   | “ ” |  |  Source

[About text formats](#)

Be as complete as possible about your offer

Offer type

- None - 

Set the type of offer

Price

\$

Your minimum price (in \$)

Save

We have now added all fields to our offer entities. We learned that besides fields defined in code, there is also a way to add them via the UI. For the first time, this will create extra configuration via configuration management for our offer entity. Export it with drush to see which files are created.

bash\$ drush cex -y

[notice] Differences of the active config to the export directory:

Collection	Config	Operation
	field.storage.offer.field_price	Create
	field.storage.offer.field_image	Create
	field.field.offer.offer.field_price	Create
	field.field.offer.offer.field_image	Create
	field.storage.offer.field_offer_type	Create
	field.field.offer.offer.field_offer_type	Create
	field.storage.offer.field_description	Create
	field.field.offer.offer.field_description	Create
	core.entity_form_display.offer.offer.default	Create
	core.entity_view_display.offer.offer.default	Create

[success] Configuration successfully exported to ../config/global.