

Templates :: Contao Developer

docs.contao.org/dev/framework/templates/

☆

!

✓

🔥

⋮

Contao

Developer Documentation

Search...

✕

Getting Started

Framework

Data Container Array

Models

Back end modules

Caching

Content Elements

Cron

Front End Modules

Hooks

Insert Tags

Manager Plugin

Profiler

Templates

☰

Contao Developer Documentation > Framework > Templates

# Template inheritance

The inheritance allow you to create a template based on a second template. This means that a template (*child*) inherits the content of a second template (*parent*).

In order that the content of a parent template may be modified or completed in the child template, it must be surrounded by an element named block.

A block is built as follows:

```
<?php $this->block('name_of_the_block'); ?>

// Block content

<?php $this->endblock(); ?>
```

The example below shows a parent template with a block surrounding the content of the head tag.

Template `fe_page.html5`:

```
<!DOCTYPE html>
```

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docs.contao.org/dev/reference/dca/palettes/

Contao

Developer Documentation

Search...

Getting Started

Framework

Reference

Data Container Array

Config

List

Fields

Palettes

Callbacks

Hooks

Commands

Config

Services

Contao Developer Documentation > Reference > ...

In the above example the fields `singleSRC` and `size` will be shown after the `addImage` checkbox field, when `addImage` has been activated.

## Sub palettes with selects

Instead of reacting to a checkbox, you can also define different sub palettes depending on different value for a select input field:

```
// contao/dca/tl_example.php
$GLOBALS['TL_DCA']['tl_example'] = [
    'palettes' => [
        '__selector__' => ['selectField'],
        'default' => '{title_legend},title,alias,selectField',
    ],
    'subpalettes' => [
        'selectField_value1' => 'field1,field2',
        'selectField_value2' => 'field3,field4',
    ],
];
```

In this case the sub palette key needs to be in the form of `fieldName_fieldValue`. Depending on the field's value, the appopriate sub palette will be inserted.