

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:

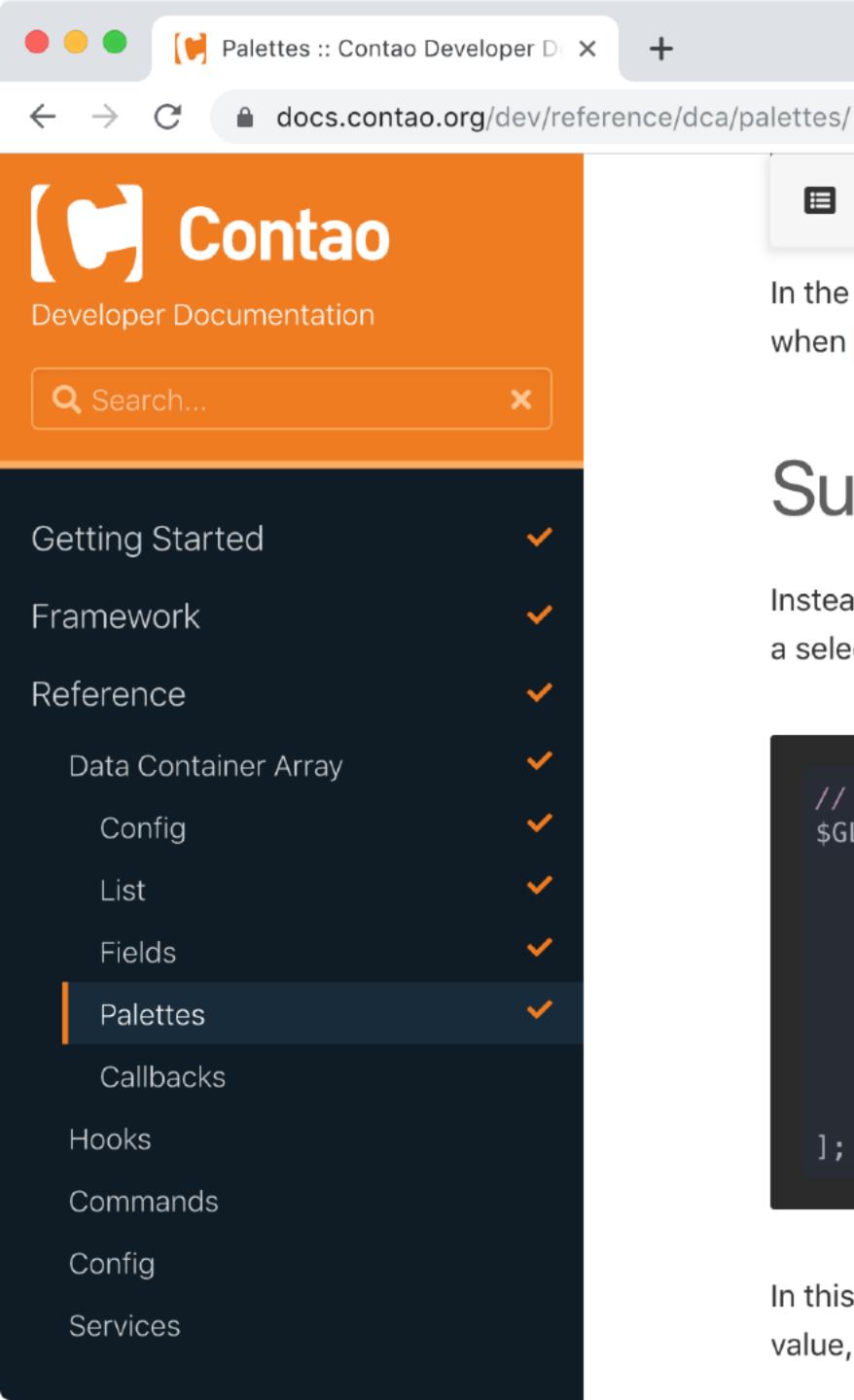
```
<?php $this->block('name_of_the_block'); ?>

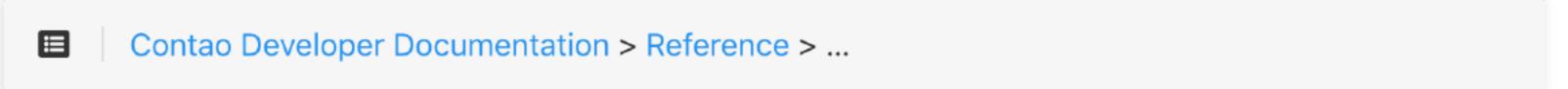
// Block content
<?php $this->endblock(); ?>
```

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

Template fe_page.html5:







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 fieldValue. Depending on the field's value, the appopriate sub palette will be inserted.