M2 CPFED

6. Translations / Customisations

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Overview.

- Translations overview

- Translating strings across files

- Customising generic page elements

- Customising product detail pages

- Customising category pages

Overview.

- Customising CMS pages and blocks

- Customising widgets

- Customising customer account

- Customising checkout

- Customising email templates

An average day customising Magento...

Translations overview.

- **What are translation dictionaries?**

- What are language packs?

- What are database translations?

- What order are translations applied in?

- What are the pros/cons of file vs database translations?

Translations overview.

What are translation dictionaries?

- A **translation dictionary** is a way to collate phrases

- For a given directory (or the whole Magento codebase)

- Phrases collected using the **i18n:collect-phrases** command

- **https://devdocs.magento.com/guides/v2.2/config-guide/cli/config-cli-subcommands-i18n.html#config-cli-subcommands-xlate-dict**

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Terminal

```
# Collect Phrases command
bin/magento i18n:collect-phrases

# File to output to
--output | -o <output-file-name>
# Directory to collate translations from
<directory-path>
# Or, collate from entire codebase
--magento|-m
```

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Terminal

```
# Collect phrases from all local theme
bin/magento i18n:collect-phrases -o
    theme-phrases.csv app/design/


# Collect phrases from entire codebase
bin/magento i18n:collect-phrases -o
    all-phrases.csv -m
```

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Translations overview.

What are translation dictionaries?

- These phrases can then be translated in the created file

- A **theme translation dictionary** is a list of translated phrases used in a theme

- Stored in the **i18n/** directory of the theme, with the filename of the locale e.g. **en_GB.csv**

Translations overview.

- What are translation dictionaries?

- **What are language packs?**

- What are database translations?

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- What are the pros/cons of file vs database translations?

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Translations overview.

What are language packs?

- A **language pack** is a collection of translated phrases for a locale

- Usually generated by the **i18n:collect-phrases** command using **-m** flag

- Files are then output using the **i18n:pack** command specifying the locale it is for e.g. **en_GB**

Terminal

```
# Pack command
bin/magento i18n:pack <source-file> <locale>

# Example
bin/magento i18n:pack translations.csv en_GB
```

Translations overview.

What are language packs?

- A **language pack** is for the locale is then created

- Under **app/i18n/<Vendor>/<locale>**
  - e.g. **app/i18n/FisheyeAcademy/en_GB**
  - Required files are **registration.php** and **language.xml**

- **https://devdocs.magento.com/guides/v2.2/config-guide/cli/config-cli-subcommands-i18n.html#config-cli-subcommands-xlate-pack**

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registration.php

```php
<?php
\Magento\Framework\Component\ComponentRegistrar::register(
    \Magento\Framework\Component\ComponentRegistrar::LANGUAGE,
    'fisheyeacademy_en_gb',
    __DIR__
);
```

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language.xml

```xml
<?xml version="1.0"?>
<language xmlns:xsi="..." xsi:noNamespaceSchemaLocation=
"urn:magento:framework:App/Language/package.xsd">
    <code>en_GB</code>
    <vendor>FisheyeAcademy</vendor>
    <package>en_GB</package>
    <sort_order>10</sort_order>
</language>
```

Translations overview.

- What are translation dictionaries?

- What are language packs?

- **What are database translations?**

- What order are translations applied in?

- What are the pros/cons of file vs database translations?

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Translations overview.

What are database translations?

- Translations applied by manually overriding on frontend

- Stored in the **translation** database table

- Enable the **Translate Inline** option under **STORE** > **Settings** > **Configuration** > **ADVANCED** > **Developer**

Change Page Title

Default welcome msg!   Sign In   Create an Account   English ⌄

LUMA

Search entire store here...

What's New   Women   Men   Gear   Training   Sale

Customer Login

Editable Text

Registered Customers

If you have an account, sign in with your email address.

Email

Password

Login   Forgot Your Password?

⚠ **Try Demo Customer Access**

Email: roni_cost@example.com

Password: roni_cost@example.com

New Customers

Creating an account has many benefits: check out faster, keep more than one address, track orders and more.

Create an Account

About us
Customer Service

Privacy and Cookie Policy
Search Terms
Contact Us
Advanced Search
Orders and Returns

Enter your email address   Subscribe

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Translations overview.

- What are translation dictionaries?

- What are language packs?

- What are database translations?

- **What order are translations applied in?**

- What are the pros/cons of file vs database translations?

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Translations overview.

What order are translations applied in?

1. Module translations

2. Theme translations

3. Translation packages

4. Database translations

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Translations overview.

- What are translation dictionaries?

- What are language packs?

- What are database translations?

- What order are translations applied in?

- **What are the pros/cons of file vs database translations?**

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Translations overview.

What are the pros/cons of file vs database translations?

- File based (.csv) can easily be transferred between Magento instances)

- Database translations can be implemented by non developers

Translating strings.

How do you translate phrases in...

- **Blocks and .phtml files?**

- Layout arguments (inc. UI Components)?

- KO .html files and JS files?

- Email templates?

<some-file>.phtml

```php
<?= __('Some phrase') ?>


<?= __("Some phrase with a %s placeholder", $variable) ?>
```

Translating strings.

How do you translate phrases in...

- Blocks and .phtml files?

- **Layout arguments (inc. UI Components)?**

- KO .html files and JS files?

- Email templates?

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<some_handle>.xml

```xml
<block class="Magento\Framework\View\Element\Template"
      name="my.block"
      template="Magento_Theme::my-template.phtml">
    <arguments>
        <argument name="title"
                  translate="true"
                  xsi:type="string">My Title</argument>
    </arguments>
</block>
```

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Translating strings.

How do you translate phrases in...

- Blocks and .phtml files?

- Layout arguments (inc. UI Components)?

- **KO .html files and JS files?**

- Email templates?

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<some-file>.html

```html
<span data-bind="i18n: 'Some phrase'"></span>

<span translate="'Some phrase'"></span>

<translate args="'Some phrase'"></translate>
```

<some-file>.js

```js
require([
    'mage/translate'
], function () {
    'use strict';

    $.mage.__('Some phrase');
});
```

<some-file>.js

```
require([
    'mage/translate'
], function ($t) {
    'use strict';

    $t('Some phrase');
});
```

Translating strings.

How do you translate phrases in…

- Blocks and .phtml files?

- Layout arguments (inc. UI Components)?

- KO .html files and JS files?

- **Email templates?**

<some-file>.html

```
{{trans "Some phrase"}}

{{trans "Some phrase with a %somevar placeholder."
somevar=object.data}}
```

Customising generic page elements

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Generic pages customisation.

- Review the list of files in the Swift Otter Study Guide (section 8.1)

Customising product detail pages

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Product pages customisation.

- **What design changes (page layout) can be made?**

- What design changes be configured for specific types?

- How can custom layout updates be set for specific pages?

- What containers are available on product pages?

Product pages customisation.

What design changes (page layout) can be made?

- Theme override (scheduled)

- Page layout override (inc. scheduled)

- Display product options placement

- Layout XML update (apply custom XML updates)

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Joust Duffle Bag

Add Attribute Save

Design

Layout [store view]	No layout updates
Display Product Options In [store view]	Block after Info Column
Layout Update XML [store view]	

Schedule Design Update

Schedule Update From [store view]		To	
New Theme [store view]	-- Please Select --		
New Layout [store view]	No layout updates		

Gift Options

Downloadable Information

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Product pages customisation.

- What design changes (page layout) can be made?

- **What design changes be configured for specific types?**

- How can custom layout updates be set for specific pages?

- What containers are available on product pages?

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Product pages customisation.

What design changes be configured for specific types?

- Using product type layout handles

  - **catalog_product_view_type_<product type>**

    - simple, configurable, bundle, grouped, virtual, downloadable

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Product pages customisation.

- What design changes (page layout) can be made?

- What design changes be configured for specific types?

- **How can custom layout updates be set for specific pages?**

- What containers are available on product pages?

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Product pages customisation.

What design changes be configured for specific types?

- Using ID and SKU specific layout handles

  - **catalog_product_view_id_<id>**

  - **catalog_product_view_sku_<sku>**

Product pages customisation.

- What design changes (page layout) can be made?

- What design changes be configured for specific types?

- How can custom layout updates be set for specific pages?

- **What containers are available on product pages?**

Product pages customisation.

What containers are available on product pages?

- content
- product.info.main
- product.info.price
- product.info.stock.sku
- product.info.type
- alert.urls

- product.info.form.content
- product.info.extrahint
- product.info.social
- product.info.media
- skip_gallery_before.wrapper
- skip_gallery_after.wrapper

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Customising category pages

Category pages customisation.

- **What design changes can be made?**

- What are the 'display mode' options?

- What 'sort by' options can be set?

- How can the layered navigation be configured?

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Category pages customisation.

What design changes can be made?

- Same as products expect no **'Display product options'**

- Also settings for **'Apply design to products'** and **'Use parent category settings'** to inherit parent theme setup

What's New (ID: 38)

Delete | **Save**

Products in Category

Design

Use Parent Category Settings
[store view]

○ No

Theme
[store view]

-- Please Select --

Layout
[store view]

No layout updates

Layout Update XML
[store view]

Apply Design to Products
[store view]

○ No

Schedule Design Update

Schedule Update From
[store view]

To

Magento ver. 2.2.6

Account Activity

DASHBOARD

SALES

CATALOG

CUSTOMERS

MARKETING

CONTENT

REPORTS

STORES

SYSTEM

FIND PARTNERS & EXTENSIONS

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Category pages customisation.

- What design changes can be made?

- **What are the 'display mode' options?**

- What 'sort by' options can be set?

- How can the layered navigation be configured?

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Category pages customisation.

What are the 'display mode' options?

- Whether to display:

  - Products only

  - Static block only (CMS Block)*

  - Both

*A CMS block can be assigned to a category under the 'Content' tab

What's New (ID: 38)

Delete   **Save**

Display Settings

Display Mode
[store view]

Products only
✓ Static block only
Static block and products

Anchor
[global]

⬤ No

Available Product Listing Sort By *
[store view]

Position
Product Name
Price

☑ Use All

Default Product Listing Sort By *
[store view]

Position ▼

☑ Use Config Settings

Layered Navigation Price Step *
[store view]

$

☑ Use Config Settings

Search Engine Optimization

Products in Category

Design

Schedule Design Update

Category pages customisation.

- What design changes can be made?

- What are the 'display mode' options?

- **What 'sort by' options can be set?**

- How can the layered navigation be configured?

Category pages customisation.

What 'sort by' options can be set?

- The available global 'sort by' attributes can be overridden

- The default sort order for the category can be set

Delete | **Save**

Display Settings ✏️

Display Mode
[store view]

Static block only ▼

Anchor
[global]

◯ No

Available Product Listing Sort By *
[store view]

```
Position
Product Name
Price
```

☐ Use All

Default Product Listing Sort By *
[store view]

```
  Position
✓ Product Name
  Price
```

☐ Use Config Settings

Layered Navigation Price Step *
[store view]

$

☑ Use Config Settings

Search Engine Optimization ⌄

Products in Category ⌄

Design ⌄

Schedule Design Update

DASHBOARD
SALES
CATALOG
CUSTOMERS
MARKETING
CONTENT
REPORTS
STORES
SYSTEM
FIND PARTNERS & EXTENSIONS

Category pages customisation.

- What design changes can be made?

- What are the 'display mode' options?

- What 'sort by' options can be set?

- **How can the layered navigation be configured?**

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Category pages customisation.

How can the layered navigation be configured?

- **Anchor**
  - Determines if products from child categories are included in the product listing area

- **Layered Navigation Price Step**
  - Configures the price filter range amounts

Delete **Save**

Display Settings ✏️

Display Mode
[store view]

Static block only ▾

Anchor
[global]

⬤ Yes

Available Product Listing Sort By *
[store view]

Position
Product Name
Price

☑ Use All

Default Product Listing Sort By *
[store view]

Position ▾

☑ Use Config Settings

Layered Navigation Price Step *
[store view]

$ 100

☐ Use Config Settings

Search Engine Optimization ⌄

Products in Category ⌄

Design ⌄

Schedule Design Update

Customising CMS pages and blocks

CMS pages / blocks customisation.

- **What design changes can be made to CMS pages?**

- How can static variables be included?

- How can CMS blocks be included on pages?

CMS pages / blocks customisation.

What design changes can be made to CMS pages?

- Theme override (scheduled)

- Page layout override (inc. scheduled)

- Layout XML update (apply custom XML updates)

Home Page

Page in Websites ⌄

Design ⌃

Layout

1 column ▾

Layout Update XML

Custom Design Update ⌃

From

To

New Theme

-- Please Select -- ▾

New Layout

-- Please Select -- ▾

Magento ver. 2.2.6

Account Activity

CMS pages / blocks customisation.

- What design changes can be made to CMS pages?

- **How can static variables be included?**

- How can CMS blocks be included on pages?

CMS pages / blocks customisation.

How can static variables be included?

- Using directives

  - **{{directive_type key="value"}}**

- Includes custom variables such as store information

- Can also include blocks (CMS as well as classes)

- Basic conditional statements can be used

Insert Variable...

Store Contact Information

Base Unsecure URL

Base Secure URL

General Contact Name

General Contact Email

Sales Representative Contact Name

Sales Representative Contact Email

Custom1 Contact Name

Custom1 Contact Email

Custom2 Contact Name

Custom2 Contact Email

Store Name

Store Phone Number

Store Hours

Country

Region/State

Zip/Postal Code

City

Street Address 1

Street Address 2

VAT Number

Directives

```
# Base URL
{{config path="web/unsecure/base_url"}}

# Store name
{{config path="general/store_information/name"}}

# General store email
{{config path="trans_email/ident_general/email"}}

# Store phone number
{{config path="general/store_information/phone"}}
```

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Directives

```
# Include a custom block
{{block class="Vendor\Module\Block\MyBlock"
var="value"}}


# Include a CMS block by identifier
{{block id="id_from_block_id_column"}}
```

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Directives

```
# If statements, basic variable checks only
# (can't check value against a condition)


{{if customer_name}}

   Hello {{var customer_name}},

{{else}}

   Dear customer,

{{/if}}
```

CMS pages / blocks customisation.

- What design changes can be made to CMS pages?

- How can static variables be included?

- **How can CMS blocks be included on pages?**

CMS pages / blocks customisation.

How can CMS blocks be included on pages?

- Using a widget (see next section)

- Via layout XML

<some_handle>.xml

```xml
<block class="Magento\Cms\Block\Block"
        name="my.cms.block">
    <arguments>
        <argument name="block_id" xsi:type="string">
            cms_block_identifier
        </argument>
    </arguments>
</block>
```

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Customising widgets

Widgets customisation.

- **How is a widget instance created?**

- Where can widgets be used?

- How can a custom widget target be created?

- Demonstrate an understanding of configuring a widget instance

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Widgets customisation.

How is a widget instance created?

- Custom widgets can be created with:

    - **etc/widgets.xml** configuration file

    - A block class that implements
      Magento\Widget\Block\BlockInterface

etc/widget.xml

```xml
<widgets xmlns:xsi="..." xsi:noNamespaceSchemaLocation="...">
    <widget id="sample_widget"
            class="Vendor\Module\Block\Widget\Example">
        <label translate="true">Example Widget</label>
        <description translate="true">An example widget</description>
        <parameters>
            <parameter name="field_name"
                       xsi:type="text"
                       visible="true"
                       required="true"
                       sort_order="10">
                <label translate="true">Some field</label>
            </parameter>
        </parameters>
    </widget>
</widgets>
```

Widgets customisation.

- How is a widget instance created?

- **Where can widgets be used?**

- How can a custom widget target be created?

- Demonstrate an understanding of configuring a widget instance

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Widgets customisation.

Where can widgets be used?

- Insertion into:

    - A CMS block or page via WYSIWYG editor

    - Email templates

- Via **CONTENT** > **Elements** > **Widgets**

Widgets customisation.

- How is a widget instance created?

- Where can widgets be used?

- **How can a custom widget target be created?**

- Demonstrate an understanding of configuring a widget instance

Widgets customisation.

How can a custom widget target be created?

- By adding containers in the widget XML configuration

- These also link to templates made available

etc/widget.xml

```xml
...
<parameters>
    ...
    <parameter name="template" xsi:type="select" visible="false">
        <options>
            <option name="default" value="path/to/template.phtml">
                <label translate="true">Template name</label>
            </option>
        </options>
    </parameter>
</parameters>

<containers>
    <container name="content">
        <template name="default" value="default"/>
    </container>
</containers>
...
```

Widgets customisation.

- How is a widget instance created?

- Where can widgets be used?

- How can a custom widget target be created?

- **Demonstrate an understanding of configuring a widget instance**

Widgets customisation.

Demonstrate an understanding of configuring a widget instance

- When creating via **CONTENT** > **Elements** > **Widgets**

- Widget type & config options (based on widget.xml) can be set

- The theme and stores the widget is for must be set

- One or more layout updates can be selected to place the widget on frontend in default (or custom set) locations and page types

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Widgets

← Back   Delete   Reset   Save and Continue Edit   **Save**

Storefront Properties

Storefront Properties

Widget Options

Storefront Properties

Type	CMS Static Block ▼
Design Pack-age/Theme	Magento Luma ▼
Widget Title *	Men Category Content

Assign to Store Views *	All Store Views
	Main Website
	    Main Website Store
	        Default Store View

Sort Order	0

Sort Order of widget instances in the same container

Layout Updates

Display on   Anchor Categories   ▼   🗑

Categories	Container	Template
○ All ● Specific Categories	Main Content Top ▼	CMS Static Block Default Template

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Customising customer account

Customer account customisation.

- **How do you add/remove items from the customer account navigation?**

- How can you format customer addresses?

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Customer account customisation.

How do you add/remove items from the customer account navigation?

- Via layout XML using the **customer_account** handle

- Referencing **customer_account_navigation** block

- Using **Magento\Customer\Block\Account\SortLinkInterface** as block class to allow sorting of links

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customer_account.xml

```xml
<block class="Magento\Customer\Block\Account\SortLinkInterface"
        name="my-custom-nav-link">
    <arguments>
        <argument name="label" xsi:type="string" translate="true">
            My Custom Link
        </argument>
        <argument name="path" xsi:type="string">
            custom/url/path
        </argument>
        <argument name="sortOrder" xsi:type="number">
            100
        </argument>
    </arguments>
</block>
```

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Customer account customisation.

- How do you add/remove items from the customer account navigation?

- **How can you format customer addresses?**

Customer account customisation.

How can you format customer addresses?

- Configured in the Magento admin panel

    - **STORES** > **Settings** > **Configuration** > **CUSTOMERS** > **Customer Configuration** > **Address templates**

    - They can include **directives** (as covered in CMS blocks/pages WYSIWYG)

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Configuration

Save Config

Address Templates

Text
[store view]

```
{{depend prefix}}{{var prefix}} {{/depend}}{{var
firstname}} {{depend middlename}}{{var middlename}}
{{/depend}}{{var lastname}}{{depend suffix}} {{var
suffix}}{{/depend}}
{{depend company}}{{var company}}{{/depend}}
{{if street1}}{{var street1}}
{{/if}}
{{depend street2}}{{var street2}}{{/depend}}
{{depend street3}}{{var street3}}{{/depend}}
{{depend street4}}{{var street4}}{{/depend}}
{{if city}}{{var city}},  {{/if}}{{if region}}{{var region}}, {{/if}}
{{if postcode}}{{var postcode}}{{/if}}
{{var country}}
{{depend telephone}}T: {{var telephone}}{{/depend}}
{{depend fax}}F: {{var fax}}{{/depend}}
{{depend vat_id}}VAT: {{var vat_id}}{{/depend}}
```

☑ Use system value

Text One Line
[store view]

```
{{depend prefix}}{{var prefix}} {{/depend}}{{var
firstname}} {{depend middlename}}{{var middlename}}
{{/depend}}{{var lastname}}{{depend suffix}} {{var
suffix}}{{/depend}}, {{var street}}, {{var city}}, {{var
region}} {{var postcode}}, {{var country}}
```

☑ Use system value

HTML
[store view]

```
{{depend prefix}}{{var prefix}} {{/depend}}{{var
firstname}} {{depend middlename}}{{var middlename}}
{{/depend}}{{var lastname}}{{depend suffix}} {{var
suffix}}{{/depend}}{{depend firstname}}<br />
{{/depend}}
{{depend company}}{{var company}}<br />{{/depend}}
{{if street1}}{{var street1}}<br />{{/if}}
{{depend street2}}{{var street2}}<br />{{/depend}}
```

☑ Use system value

PDF
[store view]

```
{{depend prefix}}{{var prefix}} {{/depend}}{{var
firstname}} {{depend middlename}}{{var middlename}}
{{/depend}}{{var lastname}}{{depend suffix}} {{var
suffix}}{{/depend}}|
{{depend company}}{{var company}}|{{/depend}}
{{if street1}}{{var street1}}|{{/if}}
{{depend street2}}{{var street2}}|{{/depend}}
{{depend street3}}{{var street
```

☑ Use system value

Customising checkout

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Checkout customisation.

- **What extension points are available to customise the checkout?**

Checkout customisation.

What extension points are available to customise the checkout?

- Multiple exist within UiComponent configuration

- Within **checkout_index_index** layout handle

- Main file exists in **Magento_Checkout** module

shipping-step

before-form

before-fields

address-list-additional-addresses

before-shipping-method-form

billing-step

```
payment > renders

payment > beforeMethods

payment > afterMethods
```

sidebar

```
summary

summary > totals

summary > itemsBefore

summary > itemsAfter
```

checkout_index_index.xml

```xml
<!-- ... -->

<item name="itemsAfter" xsi:type="array">

    <item name="component" xsi:type="string">uiComponent</item>

        <item name="children" xsi:type="array">

            <!-- merge your components here -->

        </item>

    </item>

</item>

<!-- ... -->
```

Customising email templates

Email templates customisation.

- **How do you create/assign custom email templates?**

- How can template variables be used?

- How can you link to custom images / store data?

Email templates customisation.

How do you create/assign custom email templates?

- Created in the Magento admin panel under:

  - **MARKETING** > **Communications** > **Email Templates**

- Note: This is for extending **existing templates only**

New Template

Load default template

Template   New Order   ▼

Load Template

Template Information

Currently Used For   Stores -> Configuration -> Sales Emails -> Order -> New Order Confirmation Template (Default Config)

Template Name *

Template Subject *   {{trans "Your %store_name order confirmation" store_name=$store.getFrontendName()}}

Insert Variable...

Template Content *

```
{{template config_path="design/email/header_template"}}

<table>
    <tr class="email-intro">
        <td>
            <p class="greeting">{{trans "%customer_name,"
customer_name=$order.getCustomerName()}}</p>
            <p>
                {{trans "Thank you for your order from %store_name."
store_name=$store.getFrontendName()}}
                    {{trans "Once your package ships we will send you a tracking number."}}
                    {{trans 'You can check the status of your order by <a href="%account_url">logging
into your account</a>.' account_url=$this.getUrl($store,'customer/account/',[_nosid:1]) |raw}}
                </p>
                <p>
                    {{trans 'If you have questions about your order, you can email us at <a
href="mailto:%store_email">%store_email</a>' store_email=$store_email |raw}}{{de
store_phone}} {{trans 'or call us at <a href="tel:%store_ph
store_phone=$store_phone |ra
```

Sidebar navigation:
- DASHBOARD
- SALES
- CATALOG
- CUSTOMERS
- MARKETING
- CONTENT
- REPORTS
- STORES
- SYSTEM
- FIND PARTNERS & EXTENSIONS

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Email templates customisation.

How do you create/assign custom email templates?

- Assigned in the Magento admin panel under:

  - **STORES** > **Settings** > **Configuration**

    - SALES > Sales Emails

    - CUSTOMER > Customer Configuration

Configuration

Save Config

GENERAL

MS MAGESPECIALIST

CATALOG

CUSTOMERS

SALES

Sales

Sales Emails

PDF Print-outs

Tax

Checkout

Shipping Settings

Multishipping Settings

Shipping Methods

Google API

General Settings

Order

Enabled [store view]	Yes	☑ Use system value
New Order Confirmation Email Sender [store view]	Sales Representative	☑ Use system value
New Order Confirmation Template [store view]	New Order (Default)	☐ Use system value

Email template chosen based on theme fallback when "Default" option is selected.

New Order Confirmation Template for Guest [store view]	New Order for Guest (Default)	☑ Use system value

Email template chosen based on theme fallback when "Default" option is selected.

Send Order Email Copy To [store view]		

Comma-separated

Send Order Email Copy Method [store view]	Bcc	☑ Use system value

Order Comments

Invoice

Invoice Comments

Shipment

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Email templates customisation.

- How do you create/assign custom email templates?

- **How can template variables/objects be used?**

- How can you link to custom images / store data?

Email templates customisation.

How can template variables be used?

- In the same way as **directives**

- Normally available variables listed at top of template file

- A **{{var ...}}** attribute can be used to access variables and object data

  - e.g. **{{var order.getCustomerEmail}}**

new_order.html examples

```
order: {{var order.getCustomerEmail}}

billing: {{var billing.getFirstname}}

payment_html: {{var payment_html}}

formattedBillingAddress: {{var formattedBillingAddress}}

formattedShippingAddress: {{var formattedShippingAddress}}
```

Email templates customisation.

- How do you create/assign custom email templates?

- How can template variables/objects be used?

- **How can you link to custom images / store data?**

new_order.html examples

```
# Store Data
{{var store.getName}}


<a href="{{store url="some-url"}}" title="{{trans 'My URL'}}">
    {{trans 'Go to some URL'}}
</a>


# Images
<img src="{{view url="Vendor_Module/images/my-image.png"}}"
        title="{{trans 'My Image'}}"/>
```

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Wrap up / resources

Code challenge 1.

- Add translatable phrases in your theme for layout, .phtml and .html files

- Export translation phrases using collect-phrases command

- Make some edits to the translations

- Create a language pack from the output from above

- Change locale in admin to the new locale and check the frontend

Code challenge 2.

- Review the list of files for generic page customisations in the swift otter study guide (section 8.1)

- Make customisations (or override in your theme) to understand the impact the files have on the global frontend elements

Ready for
the exam?

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Credit / Resources / Thanks.

- **Official Magento Study Guide**

- **Swift Otter Study Guide**

- **Magento DevDocs**