**Drupal 8 Theming**

# Exercise 8:

## Manipulating variables in the template

Look at the comments at the top of the node.html.twig template. The comments detail the variables that are available to this particular template. In twig we have the ability to use certain filters to manipulate the output of variables.

### Use `kint()` to inspect the content variable.

1. Add `{{ kint(content) }}` to the bottom of your **node.twig.html field.

2. Inspect the content variable. Note that body and field_image are available.

   *Make sure your php memory limit is high (> 256) or you may see a white screen of death.*

### Print Content without certain fields.

1. In **node.html.twig**, change `{{ content }}` to `{{ content|without('field_tags') }}`

2. View an article node page. Now all fields are printed except for the tags field.

### Print fields individually.

1. Find `{{ content | without('field_tags') }}` from the previous step and change it to `{{ content | without ('field_tags', 'body') }}`

   This removes the tags and the body fieds.

2. Add the following towards the end of your file but before the final `</article>` tag.

```
<div class="sidebar">
  {{ content.field_tags }}
  {{ content.body }}
</div>
```

You should now see your Tags and Body fields inside a div with class `sidebar` .

## Explore.

The `.` syntax in twig is a shorthand for a number of PHP methods and functions. Below is a list of methods Twig will check in the order they will be checked in.

1. Spend a few moments trying to print out variables and their children.

```
{{ sandwich.cheese }}
// Array key.
$sandwich['cheese'];
// Object property.
$sandwich->cheese;
// Also works for magic get (provided you implement magic isset).
$sandwich->__isset('cheese'); && $sandwich->__get('cheese');
// Object method.
$sandwich->cheese();
// Object get method convention.
$sandwich->getCheese();
// Object is method convention.
$sandwich->isCheese();
// Method doesn't exist/dynamic method.
$sandwich->__call('cheese');
```

# Questions you may have...

- What if I only want the body text without the surrounding markup?

# Done ☺