

# **Sharing Community Knowledge**

## **Things I Learned from the DrupalTwig Slack**

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- Annertech -**

**@markconroy**

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# What We'll Talk About Today

- An introduction to Slack
- DrupalTwig Slack channels
- Some things I've learned or helped others to learn in DrupalTwig Slack
- Questions and Answers

# What is Slack?

- A simple messaging application
- Has integrations with many other systems
  - Trello
  - GitHub
  - Pingdom
- Allows for custom commands – quick chat?

# What is Slack?

Yesterday



**Mark Conroy** 09:24

Good morning.



**Mark Conroy** 09:30

scrum!



**slackbot** Custom Response 09:30 ☆

Spin that wheel! @here <http://emkay.io/bandit> --> <http://bit.ly/annertech-scrum>

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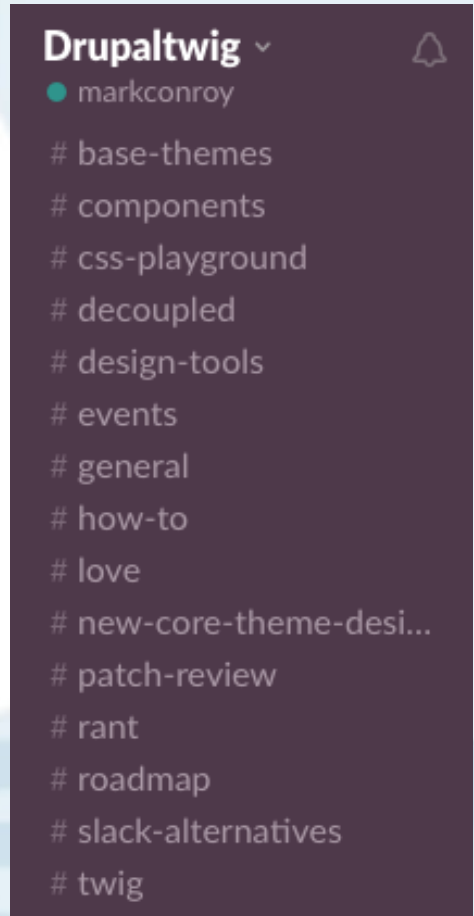


**Mark Conroy** 09:30

Looks like it's only me today.

# DrupalTwig Slack Channels

- Base-Themes
- Components
- CSS Playground
- Decoupled
- Design Tools
- Events
- General
- Love
- New Core Theme Design
- Patch Review
- Rant
- Roadmap
- Slack Alternatives
- Twig



# Things I've learned

(Or helped others to learn)  
in the DrupalTwig Slack

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# How to create/alter global variables



**kclarkson** 12:08 AM

@markconroy whenever you do get it figured out. I would love to see how you did so 😊

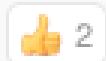


**markconroy** 12:47 AM ☆

It's in the code above.

```
function MYMODULE_template_preprocess_default_variables_alter(&$variables) {  
  $current_path = \Drupal::service('path.current')->getPath();  
  $variables['current_path'] = $current_path;  
}
```

Then I can print `{{ current_path }}` in any template.





# Themes cannot alter global variables



**mikeker** 10:54 PM

@markconroy: Yeah, forgot to mention there's a bug that theme alter hooks don't run from themes.

<https://www.drupal.org/node/2612196>



**Themes should be able to alter global template variables [#2612196] | Drupal.org**

Follow-up to #2168231: Twig Functions needed in templates Problem/Motivation

There may be some variables that all your themes need to use. Example `base_path()`.

Letting themes provide these global variables instead of having to make a module.

I've gone from saying "there's a module for that" to "there's an issue for that." 🤔



**markconroy** 11:14 PM



Thanks again

# Use Preprocess to float image/text in paragraph bundles



**msheldonjr** 3:46 PM

📌 Pinned a message. [See all pinned items in this channel.](#)



**markconroy**

```
/**
 * Implements hook_preprocess_HOOK() for paragraph--para-image-
 * text.html.twig.
 */
function THEME_preprocess_paragraph__para_image_with_text(&$variables) {
  $paragraph = $variables['paragraph'];
```

[Show more...](#)

Posted in #how-to | Aug 31st at 11:04 PM



**wheatpenny** 5:55 PM

[@markconroy](#) Thank you for sharing. No joke...that is exactly what I am working on today. Incredibly helpful.



**markconroy** 5:56 PM

You're very welcome.



**msheldonjr** 7:13 PM ☆

I know I'll need it in about a week, so thank you for it then (hence the pin)

# How specific can you get with preprocess



**chrisshattuck** 5:46 PM ☆

Yesterday I asked this:

<https://drupaltwig.slack.com/archives/how-to/p1472762240000158>

The answer is that it does get more specific, I just wasn't fully clearing my caches after adding more specific preprocess functions. So yeah, you can be as specific as you need to be with preprocessing fields, like:

```
mytheme_preprocess_field__node__body__page
```



**chrisshattuck**

I feel silly asking this, but am I right that that `hook_preprocess_field()` is as specific as it gets? That is, there's not a `hook_preprocess_field__body__page()`?

Posted in #how-to | Sept 1st at 9:37 PM



1



**markconroy** 5:54 PM

Really? What does that specific example preprocess?



**nadavoid** 5:56 PM

Is the format `mytheme_preprocess_field__[entity-type]__[field-name]__[bundle]`?

# Preprocess functions only affect the render array that is sent into that render array's template, they don't affect the render array itself.



**mdrummond** 6:32 PM

I just confirmed something that I've been suspecting for a bit, which is that preprocess functions only affect the render array that is sent into that render array's template, they don't affect the render array itself.

So for example if you add a variable to a render array in `preprocess_field`, that variable will be available in a field template. However, if you try to use that field's render array directly, say in a node template, then that variable will not exist.

This is kind of blowing my mind. It explains why some theming things I've been trying to do are harder than I expected.  
expected.



**markconroy** 7:16 PM

So if you want the same variable available in the node template, you need to do the preprocess in `preprocess_node`?

# How to add template suggestions for custom blocks



**markconroy** 7:35 PM

Not sure if anyone has asked this or has needed it in the past, but today I needed to create template suggestions for a custom block type. This code worked for me:

```
function THEMENAME_theme_suggestions_block_alter(array &$suggestions, array $variables) {  
  if (isset($variables['elements']['content']['#block_content'])) {  
    $suggestions[] = 'block_' . $variables['elements']['content']['#block_content']->bundle();  
  }  
}
```

# How to add bundle class to blocks



**thamas** 11:24 AM ☆

@markconroy `content.body['#bundle']` works. 😊

And it can be saved to a custom variable, of course. So it can be even more cleaner.

One can create something like

```
{% set block_bundle = content.body['#bundle'] %}  
  
{%  
  set classes = [  
    block_bundle ? ~ 'block--' ~ block_bundle|clean_class,  
    // ...  
  ]  
%}
```



**markconroy** 11:25 AM

That is very nice.

# Views exposed form block is not part of views-view.html.twig



**jan.zavrl** 12:23 PM

Do you have the exposed form in a block?



**webcultist** 12:24 PM

yep



**jan.zavrl** 12:24 PM

Thats why it's empty then

The exposed form doesn't get rendered inside the views-view.html.twig

Then I would say preprocess is your best bet currently

At least that is how I would tackle this

# Check if a user has a permission



**ceaucari** 6:22 AM

I'm trying to check a user role in a twig template with `{% if is_granted('ROLE_STAFF') %}` but I only get "The website encountered an unexpected error. Please try again later."

can anyone point me in the right direction?



**hj** 8:02 AM ☆

added and commented on a Plain Text snippet: [You can check for a permission...](#)

```
1 {% if user.hasPermission('administer nodes') %}
2     ... do something
3 {% endif %}
```



1 Comment



1



# Add body class based on field value



markconroy 2:44 PM

```
function weather_preprocess_html(&$variables) {  
  // Get the value of the "Site Section" field and add it as a class on <body>  
  // This allows us to have specific colours used within each site section  
  // _as long as_ each node is tagged with a site section.  
  $node = \Drupal::routeMatch()->getParameter('node');  
  if ($node instanceof \Drupal\node\NodeInterface) {  
    if ($node->field_site_section) {  
      $section_style = $node->field_site_section->value;  
      $variables['attributes']['class'][] = $section_style;  
    }  
  }  
}
```

# How to print comments separate from fields in a node template



**markconroy** 12:09 AM

That shows my custom comment type printed before my content in node.html.twig

Workflow:

- 1) Create new comment type - Marky Talks
- 2) Create new field in content type - Marky Talks - type = comment, bundle = Marky Talks
- 3) print `{{ content.field_marky_talks }}` in node.html.twig

No worries about taking time to investigate. I'm sure I'll need to figure this out at some stage in the future, or else need some help with JS and you'll be on my radar!

This looks like it will print your comments and your comment form separately:

```
{% set custom_comments = content.field_marky_talks.0.comments %}
{% set custom_comments_form = content.field_marky_talks.0.comment_form %}
{{ kint(custom_comments_form) }}
{{ custom_comments }}
{{ custom_comments_form }}
```



**prestonso** 12:15 AM

[@markconroy](#) You know, if I had just drilled down further (or set the kint levels differently despite it crashing my site) I would have gotten there ... truly owe you one! (edited)

[@markconroy](#)++

# Save render array as variable



**lauriii** 1:24 PM

@mario is this what you are looking for?

```
{% set variable_name %}  
  {% for item in national_office_address %}  
    {{ item.address_line1 }}  
    {{ item.postal_code }}  
    {{ item.country_code }}  
  {% endfor %}  
{% endset %}
```

# Override all CSS from a library except one file



**mark** 3:11 PM

Does anyone know if its possible to exclude an entire library using 'libraries-override' but leave one component included. Without having to exclude each component individually. Example case is to exclude everything in 'system/base' but leave 'hidden.module.css' in place. My current work around is to copy that css file into my theme and include it via mytheme.libraries.yml. Just wondering if there is a cleaner way. Thanks



**alexbea** 3:16 PM

Did you try something like

```
parent/parent-lib: false
```

```
parent/parent-lib:
```

```
  css:
```

```
    css-file.css
```

# Place reusable chunks of code in a snippets folder



**danny\_englander** 3:08 PM

Hey all, are there best practices to re-use the same block of code across several twig templates? Has anyone done that sort of thing?



**davidhernandez** 3:14 PM

You can do an "include" if that is what you mean



**markconroy** 3:16 PM

Hi @danny\_englander, I have a 'snippets' folder in my theme, where I put in re-usable things. Then in a file where it's needed,

```
{% include directory ~ 'templates/snippets/SNIPPET-FILE-NAME.html.twig' %}
```

 (edited)

# How to make kint output load faster



**markconroy** 3:59 PM  
KINT WHY OH WHY DO YOU NEED TO KILL MY MACHINE?



**davidhernandez** 4:00 PM  
Someone posted a twig breakpoint module somewhere. the theory is you can add a breakpoint and then use xdebug or the like.



**markconroy** 4:01 PM  
Yeah, but that person wasn't as lazy as me!



**mathieuspil** 4:02 PM  
uploaded an image: [Csdz6\\_9XYAA3xMm \(1\).png](#) ▾



# How to print a specific block in page.html.twig



**ibuisic** 12:53 PM

Hi everyone, how do you render a specific block in your page.html.twig?



**markconroy** 12:54 PM

This is off the top of my head, but I think something like `{{ page.REGIONNAME.block_machine_name }}` might work.

e.g. `{{ page.content.whos_online }}`



**ibuisic** 12:57 PM

Thanks! What about disabled blocks, something like block\_invoke in D7?



**markconroy** 12:58 PM

No idea. I'd guess if they are disabled, they are disabled for a reason. (edited)

What we do is create a region called 'hidden' and place blocks we want to display there, but don't print any region called "hidden" on the page.

Then you can add blocks from 'hidden', which technically are not disabled.



**ibuisic** 1:00 PM

Wow, nice. I owe you a beer. Thanks!

# Print Link URL and Title Separately



**mestro67** 4:28 PM

Is possible separate `template_preprocess_file_link()` variable `{{ link }}` in smaller pieces, such as `{{ link.url }}`, `{{ link.description }}` and so on?

I would like create custom a element `<a href="{{ link.url }}">{{ link.decription }}</a>`



**pierremarcel** 4:34 PM

Hey @mestro67 the way we approach it, we create a variable like this

```
{% set link_url = content.field_link.0['#url'] %}
{% set link_title = content.field_link.0['#title'] %}
```



**danny\_englander** 4:37 PM

@mestro67 I've been doing something like this `<a class="btn" href="{{ content.field_link[0]['#url'] }}">{{ content.field_link[0]['#title'] }}</a>` but it looks like @pierremarcel's method is probably cleaner.



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