Getting Atomic with Pattern Lab
Who am I?
Who am I?

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Where are we going?
You are here
You are here.
Search for the Holy Grail
Search for the Holy Grail
design & development → design system → website → pattern library

- Make changes to a pattern
- Applications and pattern library both update to reflect changes
Where have we been?
Cascading styles!
<title>My first web page!</title>

<style type="text/css">
  a {
    color: #ff0000;
    text-decoration: none;
    border: 1px double #ff0000;
    text-transform: uppercase;
  }
</style>

<a href="webmaster.htm">About me</a>
Enter...

PHP... CMS... MVC... Templating... jQuery...
“Give me problems, give me work.”

In the year 1878 I took my degree of Doctor of Medicine of the University of London, and proceeded to Netley to go through the course prescribed for surgeons in the army. Having completed my studies there, I was duly attached to the Fifth Northumberland Fusiliers as Assistant Surgeon. The regiment was stationed in India at the time, and before I could join it, the second Afghan war had broken out. On landing at Bombay, I learned that my corps had advanced through the passes, and was already deep in the enemy’s country.

Victors & Villains
Responsive!
Where are we now?
From pages..
Apollo 11

Apollo 11 was the spacecraft that landed the first humans, Americans Neil Armstrong and Buzz Aldrin, on the Moon on July 20, 1969, at 20:18 UTC. Armstrong became the first to step onto the lunar surface 6 hours later on July 21 at 02:56 UTC.

Armstrong spent about three and a half two and a half hours outside the spacecraft, Aldrin slightly less; and together they collected 47.5 pounds (21.5 kg) of lunar material for return to Earth. A third member of the mission, Michael Collins, piloted the command spacecraft alone in lunar orbit until
...to patterns
...to systems

“A set of objects governed by rules.”

—AARON FROEHLICH
Navigation

Navigation allows users to navigate between views. The navigation is shared on every single view of the app and is important to keep consistent.

Static State
Views that use Nows use static state that is aligned on the top of the view.

Welcome!
We are glad you are here.

Collapsed State
When the view profile the nav transforms to collapsed nav, fixes in to the top view with a shadow.

Static
- [ ] Optional link
- [ ] Optional link

Fixed
- [ ] Optional link
- [ ] Optional link
- [ ] Optional link

Bottom Navigation
- [ ] Icon
- [ ] Icon
- [ ] Icon
- [ ] Icon
- [ ] Icon
- [ ] Icon
How do we solve these problems?
Existing projects - Interface inventory
New projects - Styleguide
Demo Umami Quicktour
Super easy vegetarian pasta bake

A wholesome pasta bake is the ultimate comfort food. This delicious bake is super quick to prepare and an ideal midweek meal for all the family.

Skip the spirits with delicious mocktails

Flery chili sauce

Crema catalana
Enter Pattern Lab
Super easy vegetarian pasta bake

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Crema catalana
Enter Drupal
What gets rendered?

- fields
- nodes
- blocks
- views
- forms
- entities (i.e. paragraph bundles)
- layouts
- media
Theme Render Pipeline
Theme Render Pipeline with Pattern Lab
Theme Render Pipeline with Pattern Lab
<div class="recipe-banner">
  <div class="recipe-banner__wrapper">
    <div class="recipe-banner__image">
      {{ see next slide }}
    </div>
  </div>
  <div class="recipe-banner__content">
    <h2 class="recipe-banner__title">{{ banner_title }}</h2>
    <div class="recipe-banner__summary">
      <p>{{ banner_summary }}</p>
    </div>
    <div class="recipe-banner__link">
      <a href="{{ banner_link_url }}" class="button">{{ banner_ }}</a>
    </div>
  </div>
</div>
<div class="recipe-banner__image">
{% if banner_img_src %}
  {% include "@atoms/04-images/00-image/responsive-image.twig" with {
    "img_src": banner_img_src,
    "img_alt": banner_img_alt,
    "output_image_tag": banner_image_output_image_tag,
    "responsive_image_base_class": 'image',
  } %}
{% endif %}
{% endif %}
</div>
{% @see core umami theme template for block--bundle--banner-block %}
{% set banner_img_src = content.field_banner_image.0['#item'].entity.uri.value %}

{% set link = content.field_content_link|field_value[0] %}

{% include '@molecules/recipe-banner/recipe-banner.twig' with {
    "banner_image_output_image_tag": TRUE,
    "banner_img_src": banner_img_src|image_style('scale_crop_7_3_la
    "banner_img_alt": content.field_banner_image.0['#item'].alt,
    "banner_title": content.field_title|field_value,
    "banner_summary": content.field_summary|field_value,
    "banner_link_url": link['#url'],
    "banner_link_text": link['#title']
} %}
Where do I make my pattern again?

fields · nodes · blocks · views · forms · entities · layouts · media ·
Examples
Further Resources and Frontiers

• Drupal Twig Slack: https://drupaltwig-slash-slack.herokuapp.com
• Emulsify.info
• Mark Conroy's blog: https://mark.ie
• My blog: a-fro.com
• Bolt Design System - PL with webcomponents
Questions?