







DRUPAL CON CPH

Theme preprocess

TITLE: functions: an introduction

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TRACK:							DATE: 24. aug 13:30 ROOM: Valhalla? (20) DRUPALCON COPENHAGEN 2010
	BUSINESS	CONFIG	INTRO	SERVICES	DEVELOP	DESIGN	

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TO ROCK

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Preprocess in Theory

Theme **Dilemmas**

```
<div class="content">  
    <?php print $content; ?>  
</div>
```

What do we do if this is insufficient?


```
<div class="content">  
    <?php print $my_content; ?>  
</div>
```

How can we create more useful content?

```
<div class=""<?php print $my_classes; ?>">  
    <?php print $my_content; ?>  
</div>
```

How can we create more useful content?

How can we keep our theme contextual?

Preprocess

```
<?php print $my_content; ?>
```

Preprocess

makes content

flexible

```
class="<?php print $my_classes; ?>"
```

Preprocess

makes theming

dynamic

if else foreach while switch =

Preprocess

keeps templates

clean

So, **when** does
preprocess
happen?

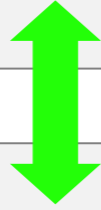
Request



Processing

Raw data

Database



Request

Processing

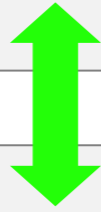
Modules



Return data

Raw data

Database



Request

Processing

Modules



Return data

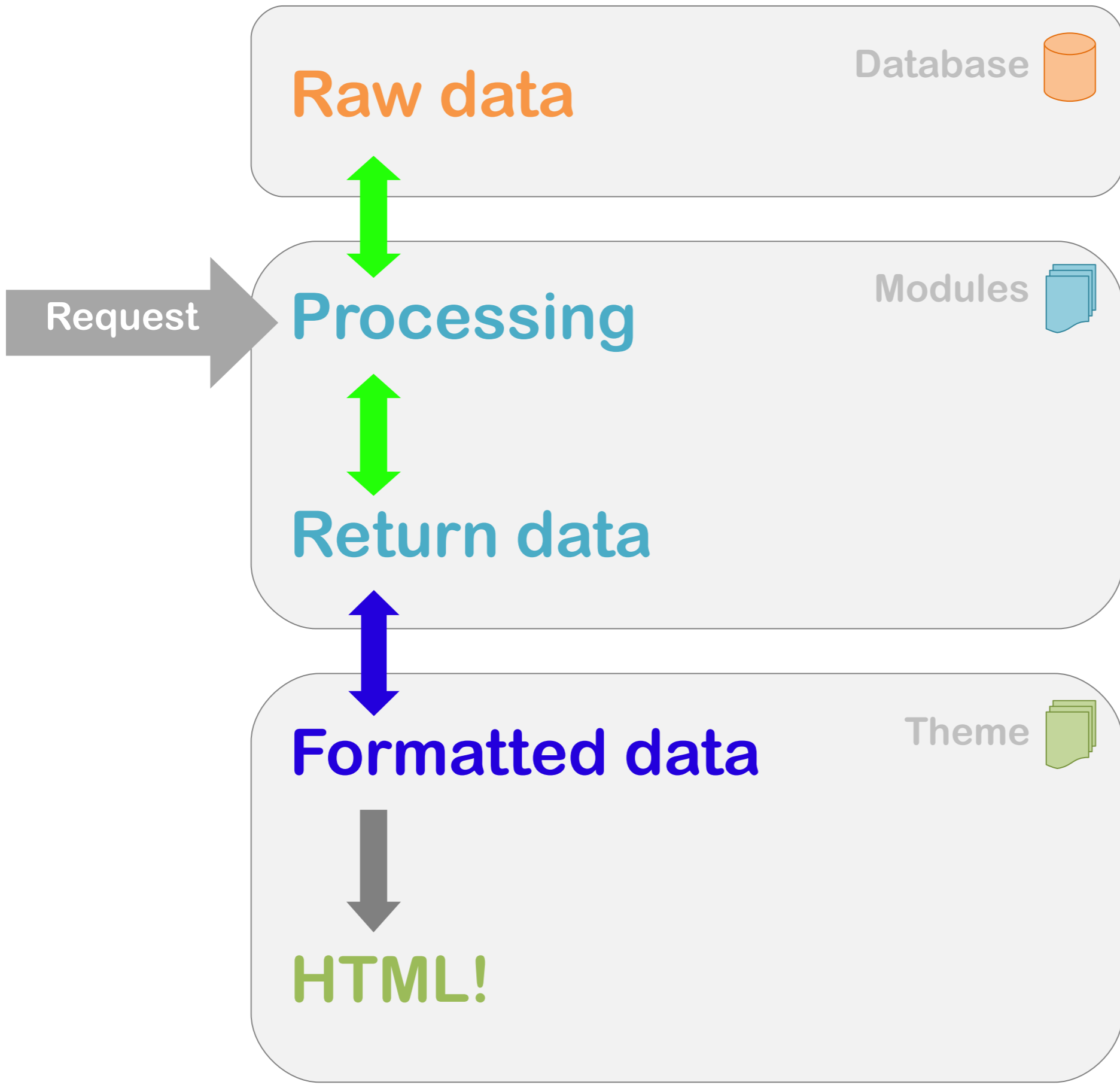


Formatted data

Theme



HTML!



Preprocess in Practice

Firebug

devel

devel_themer

admin or admin_menu

drush

Exploring

theme.inc

template.php

mytheme_preprocess_page()

dpm()

mytheme_preprocess_node()

Demo

Manually creating
\$submitted
\$myvar

Demo

Specifying additional templates

Demo

Contextual CSS

Demo

Working with CCK

Demo

Working with Views

Demo

Important things to remember:

`dpm()` delays on `preprocess_page()`
Don't overload `dpm()`!

Clear cache when adding new tpl files and adding functions to `template.php`

Use `check_markup()` and `check_plain()` on data that may be unsafe

BE AWESOME! EVALUATE THIS SESSION

<http://cph2010.drupal.org/node/15143>



DRUPALCON

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Questions and Thanks

Thanks to Matt Tucker (ultimateboy) for inspiring this talk

Demo Photography Credits

“Baseballs”

<http://www.flickr.com/photos/randomacts/2277808469/>

“Basketball”

<http://www.flickr.com/photos/chillihead/3150447792/>

“UNF Baseball vs. Florida Gulf Coast University”

<http://www.flickr.com/photos/8363028@N08/3368813471/>

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