




Default theme implementations:


a guide for module developers
who want sweet love from
Morten and JohnAlbin



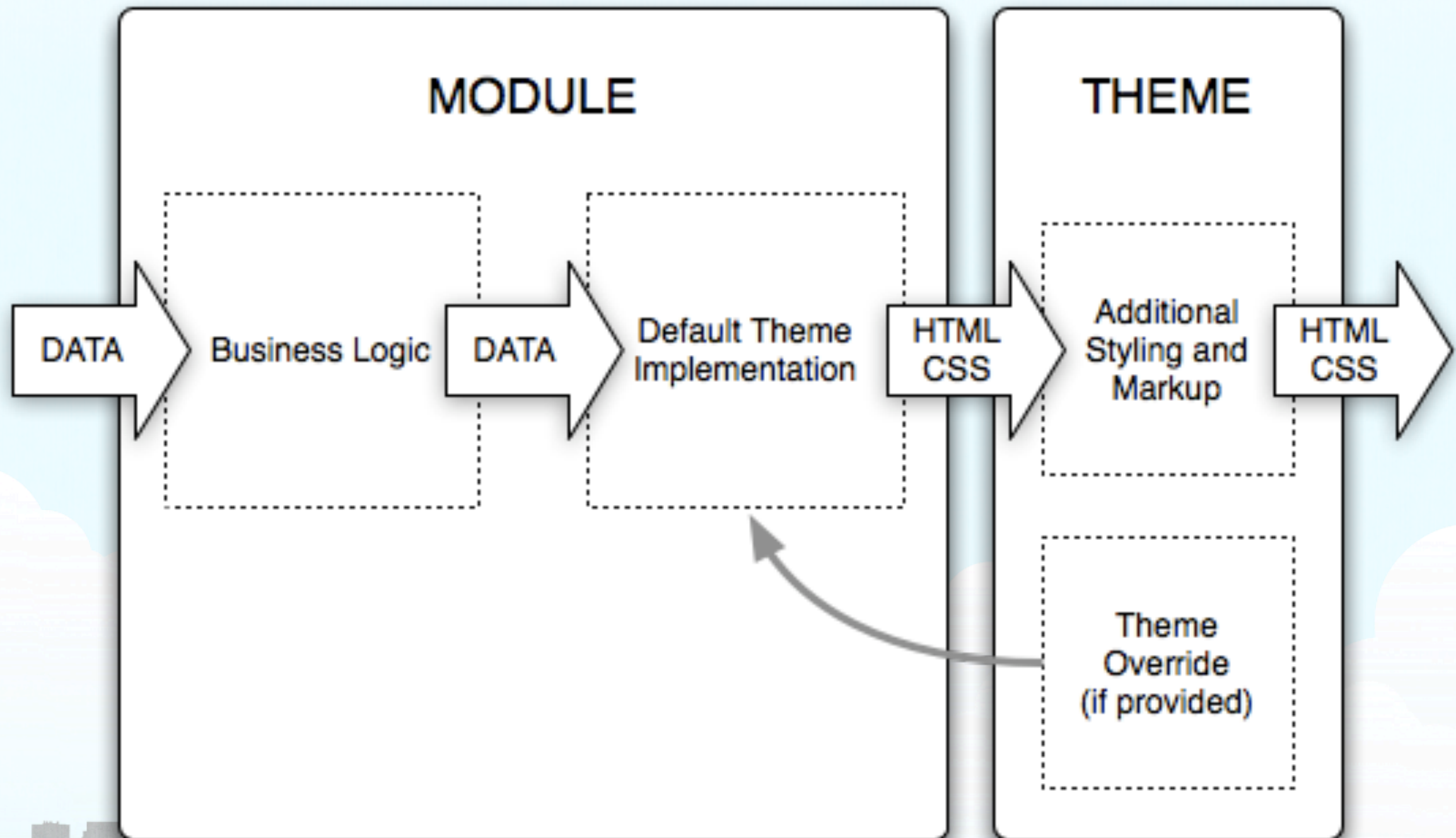
Who is this guy and what the hell is he going to talk about?



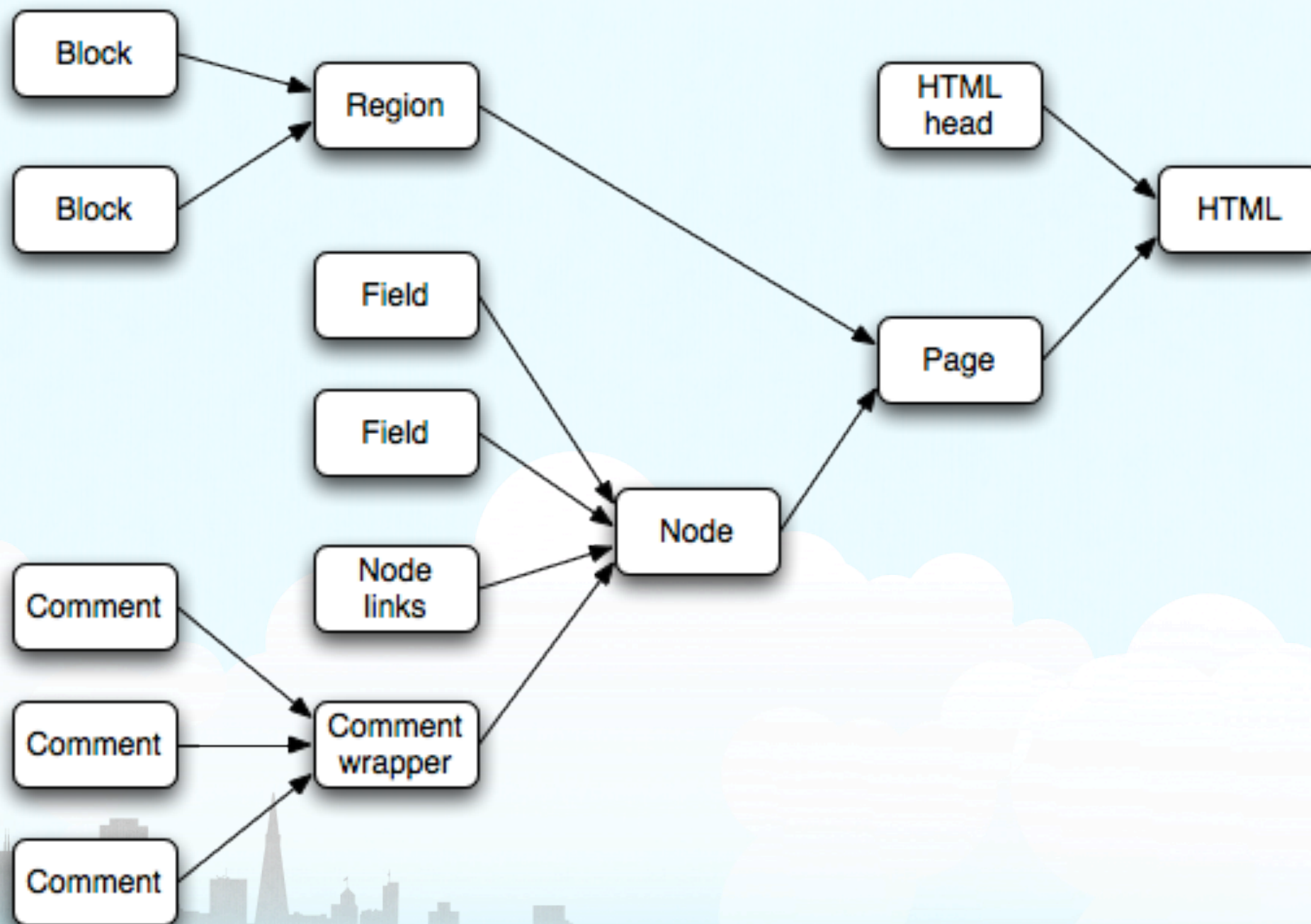
JohnAlbin (Wilkins) Me and 19 other people wrote
50% of Drupal 7

- Brief overview of the theme layer
 - Theme hook suggestions
 - Best practices for BYO Implementations
- 

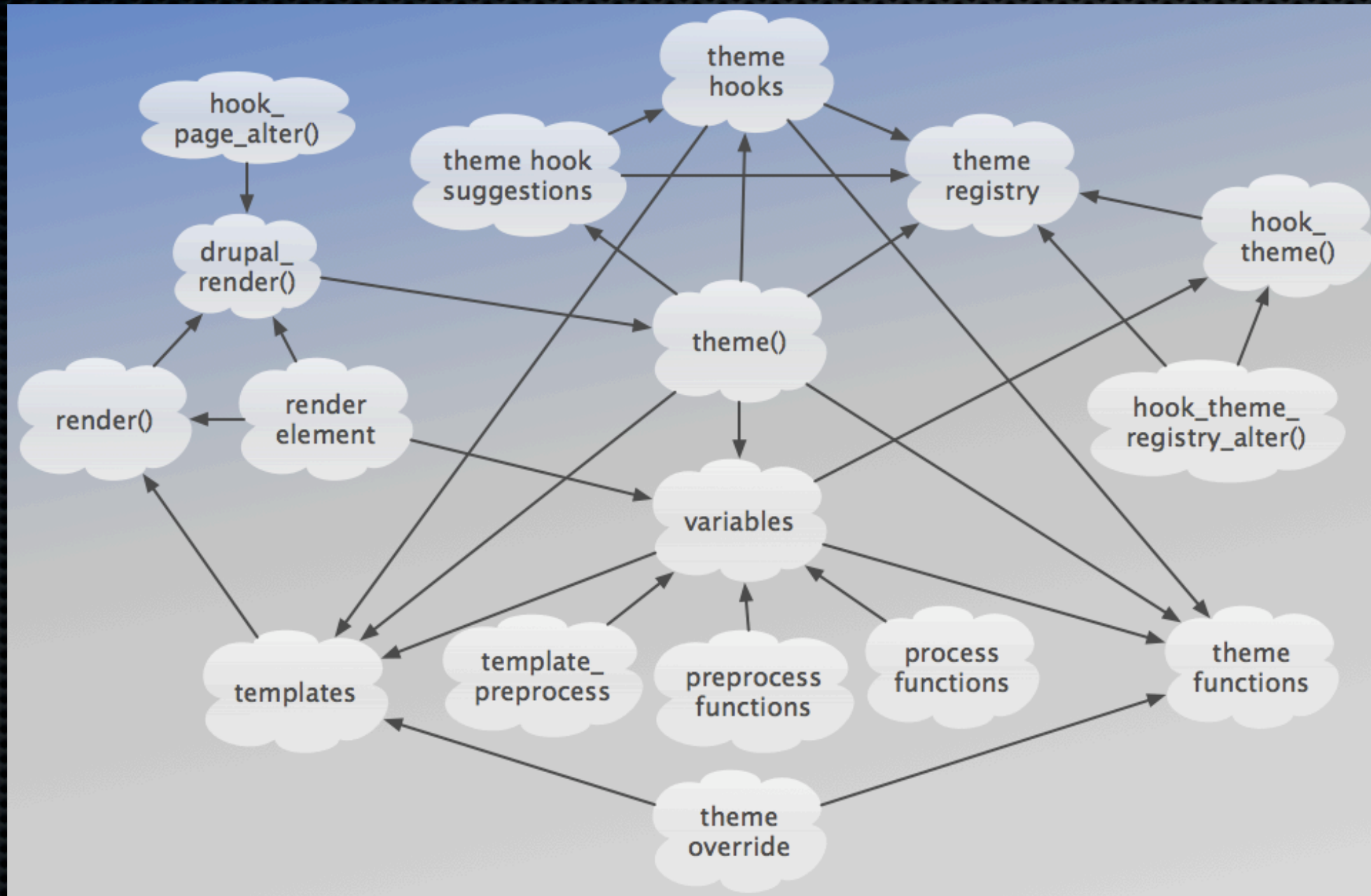
Separation of Concerns



Flow of Themed Content



A simplified wiring guide to the Theme Layer





Theme Hooks

username
pager node links
comment table
page item_list

```
theme('theme_hook_name', $data)
```





BE LAZY!

Pick an existing theme hook (if you can)

links

image

image_style

item_list

username

file_link

html_tag

more_link

pager

progress_bar

table

<http://api.drupal.org/api/group/themeable/7>



Laziness advntgs:

- Less work. (duh.)
- No `hook_theme()`,
no `template` or `theme` function,
no `template_preprocess_HOOK()`, etc.
- Just: `theme('hook', $vars);`
- Themers already know how to style hooks
that you re-used.
- Instant integration with other modules!



Theme hook suggestions

(You, too, can be as awesome as Earl Miles.)

- `theme('hook', $vars);`
- `theme('hook__suggestion', $vars);` *(D7 only)*
- `theme($suggestions_array, $vars);`



Roll Your Own

- `hook_theme()` describes theme hooks
 - `wtf_ftw()`
 - define default variables
- Picking a theme function or a template
 - functions are faster
 - templates are easier


Separation of layers (again)

- Data should be passed in as parameters
- Display options should be params or pulled in via a preprocess function
- Meta data should be modifiable by preprocess functions



Things that will make me angry



- Never, EVER pull data from inside a theme function
 - If you have to call a function to get a value, do NOT put it in a theme function!!!
 - Don't be like D6's `theme_local_menus()`
- 



Avoid accidental 3-ways



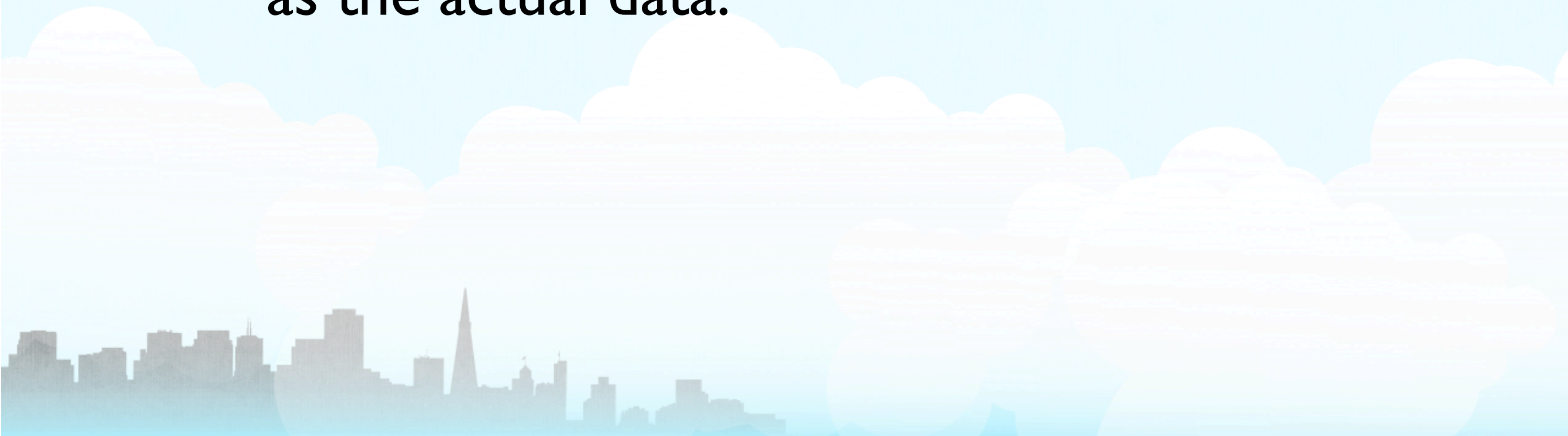
It's likely you won't get what you expect.





Provide context

- Meta data is just important to a themer as the actual data.





Mark-up and CSS

- Do your best.
- Less is more.
- Contextual CSS classes.
- Seek help.
 - Mark-up Marines: [#drupal-design](#)





Share the love!





What did you think?

Step 1)

Locate this session on the DCSF site

<http://sf2010.drupal.org/conference/schedule>

Step 2)

Click the “Take Survey” link

