

DISPLAY BUILDER

DRUPAL'S UNIFIED

VISUAL BUILDER

DAN HANSEN

DrupalCamp Asheville 2026



INTRODUCTION

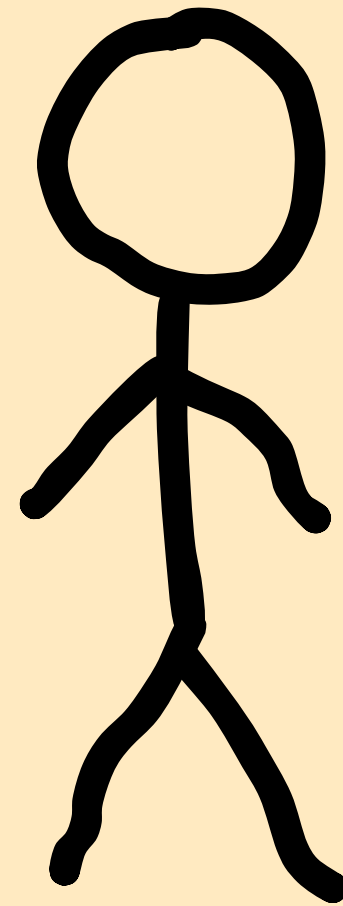
Dan Hansen

- Lead Developer @ Sevaa Group, Inc.
- Drupal Developer ~15 Years
- Since Drupal 6
- Also enjoy WordPress, data modeling, and weird CSS and JS stuff
- Trivia: Absolutely love collecting enamel pins. I use them to record where I've gone, like state parks and college campuses.



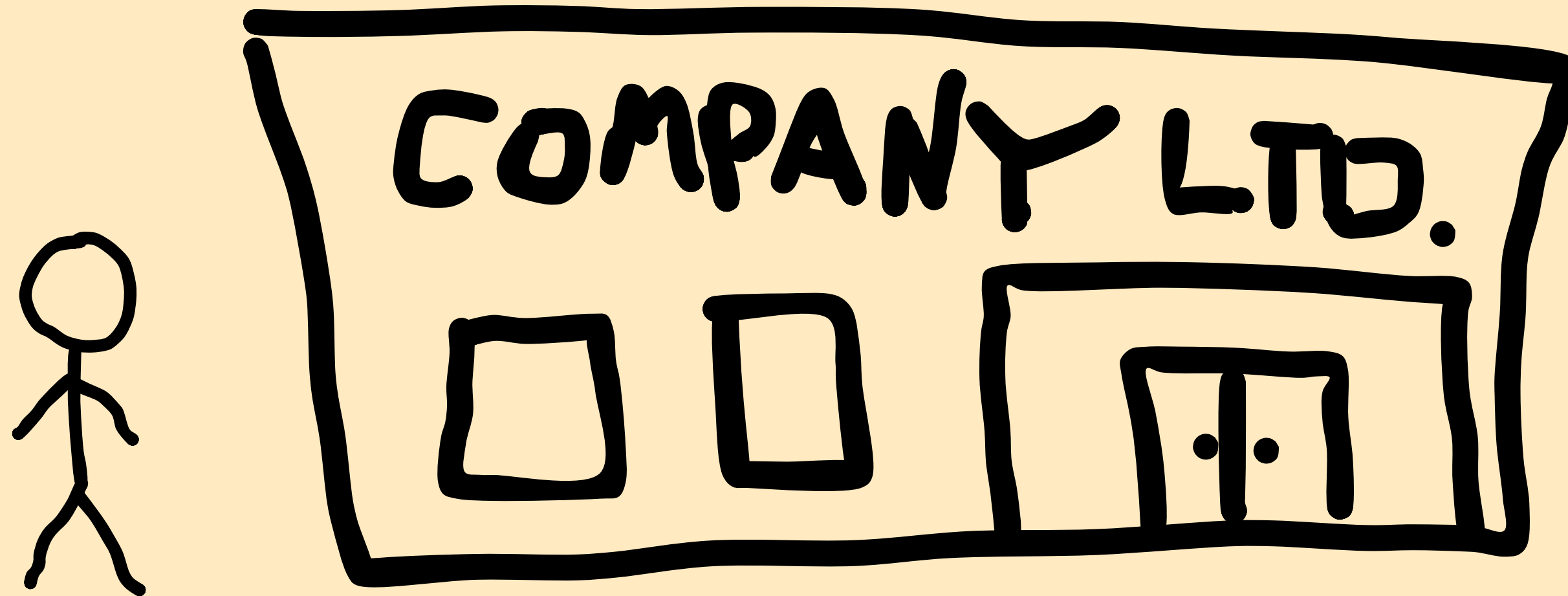
On Drupal Slack and
Drupal.org as dhansen

THIS IS JORDAN



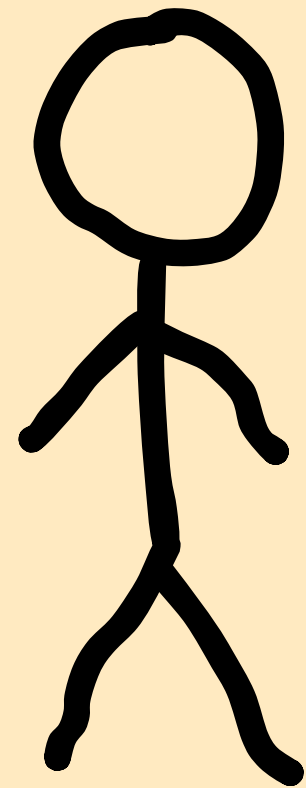
PLEASE SAY HELLO

**TODAY IS JORDAN'S FIRST DAY
AT THEIR NEW JOB**



**THEY HAVE BEEN HIRED IN A SITE BUILDING ROLE,
MANAGING COPYWRITING AND MARKETING**

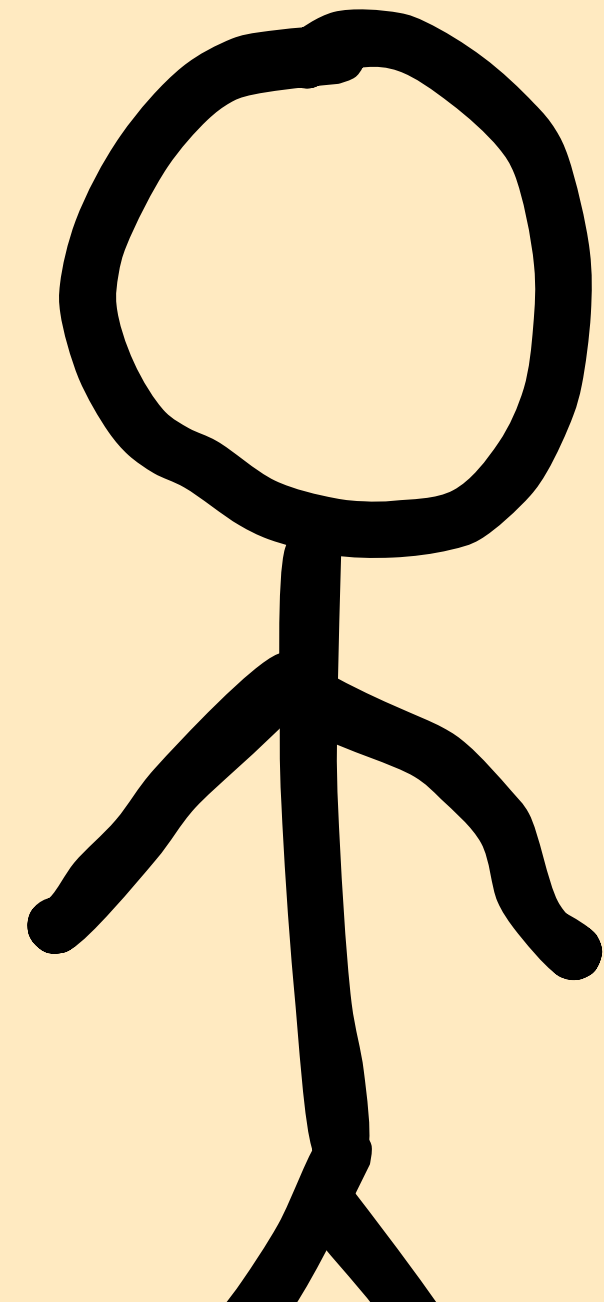
**JORDAN IS NOT NEW TO THE WEB OR
CMS, BUT IS NEW TO DRUPAL**



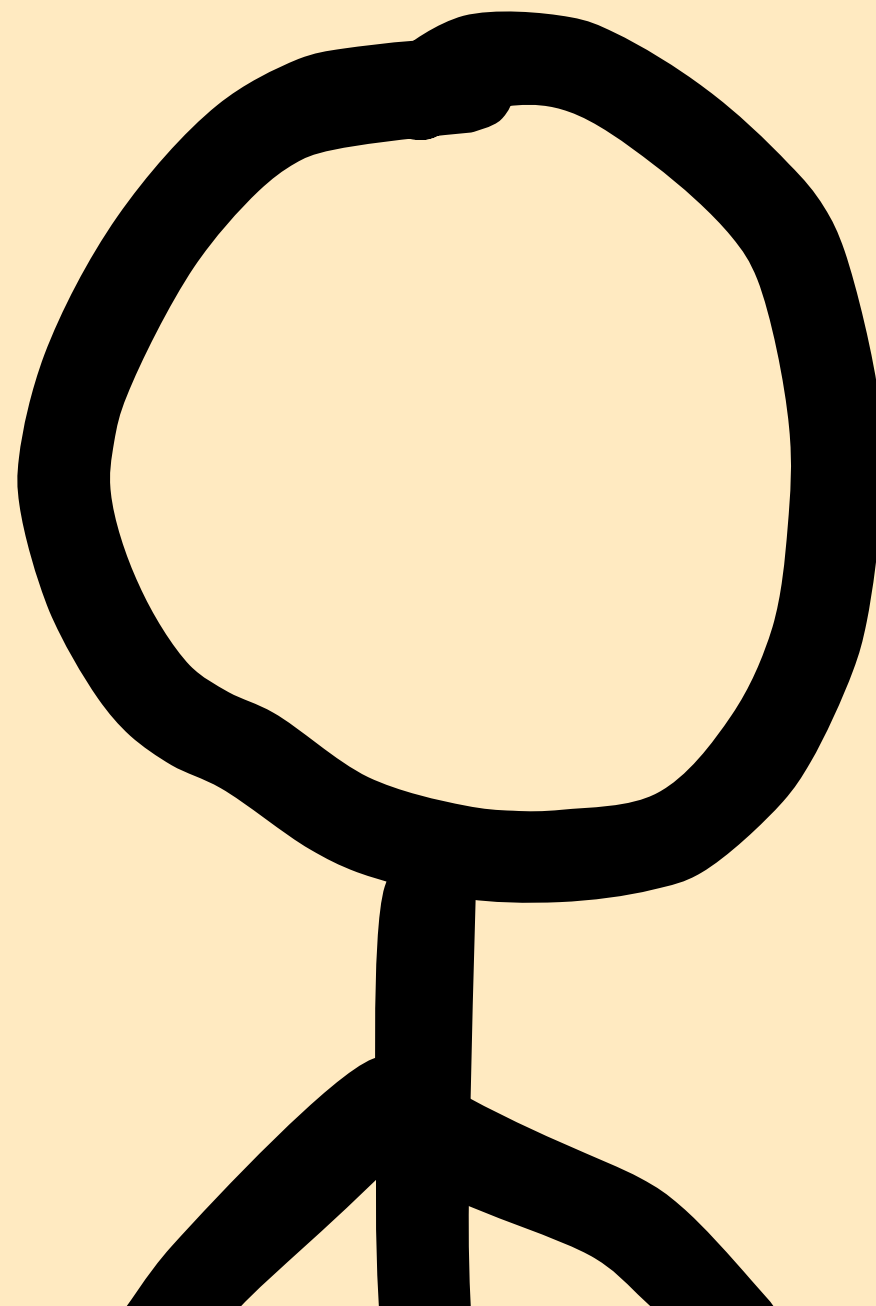
**JORDAN HAS HEARD A LOT
OF THINGS ABOUT DRUPAL**

JORDAN HAS BEEN GIVEN SOME “NEW GUY” TASKS TO DO ON THE SITE

- Add a marketing button to all article pages
- Add an icon to the homepage
- Move pagination to the top of the screen on the articles listing.

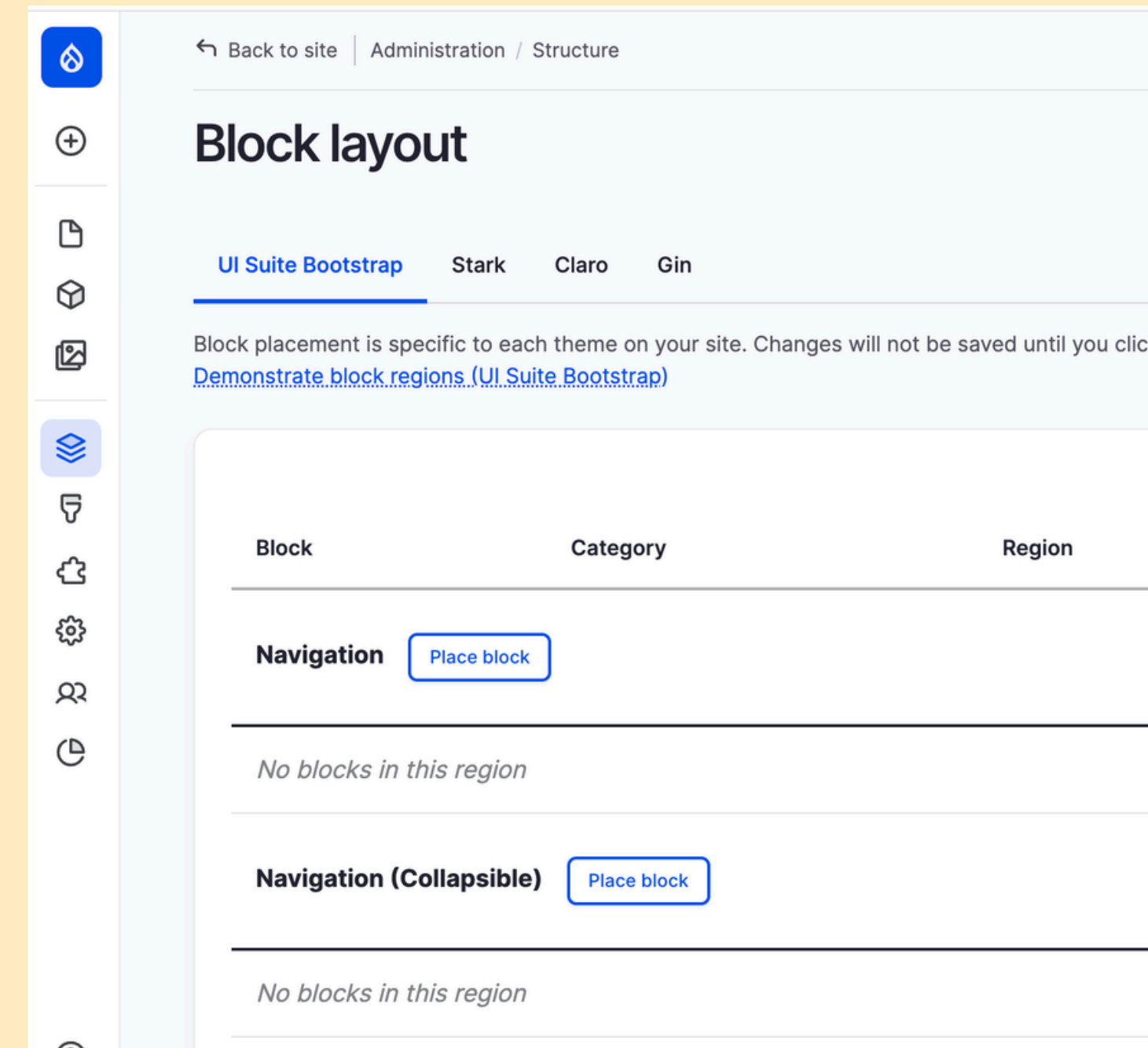


**JORDAN HAS HEARD AN AWFUL LOT
ABOUT DRUPAL**

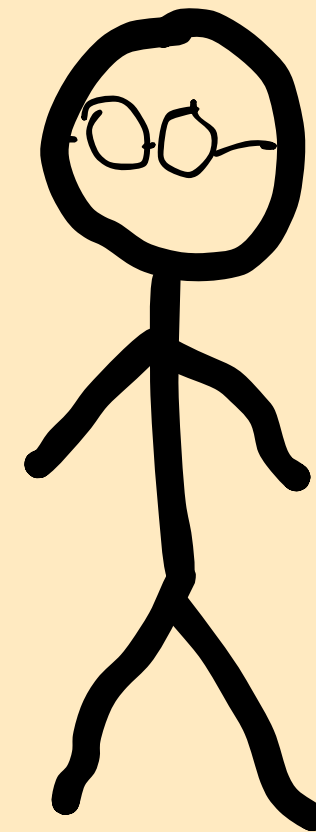
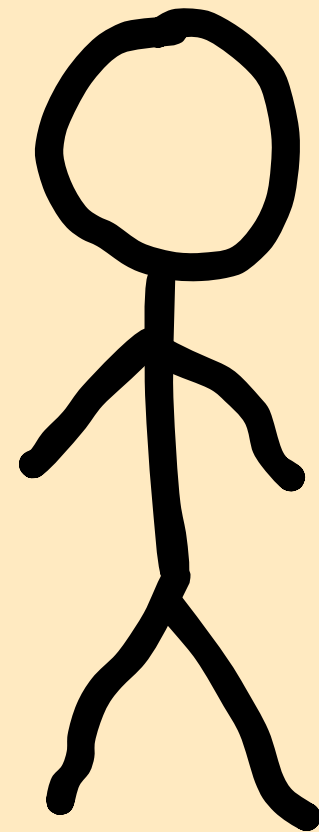


JORDAN HAS HEARD ABOUT BLOCK LAYOUT

- No live preview
- No native support of Single Directory Components (SDC)
- Hardcoded template regions
- No page variants

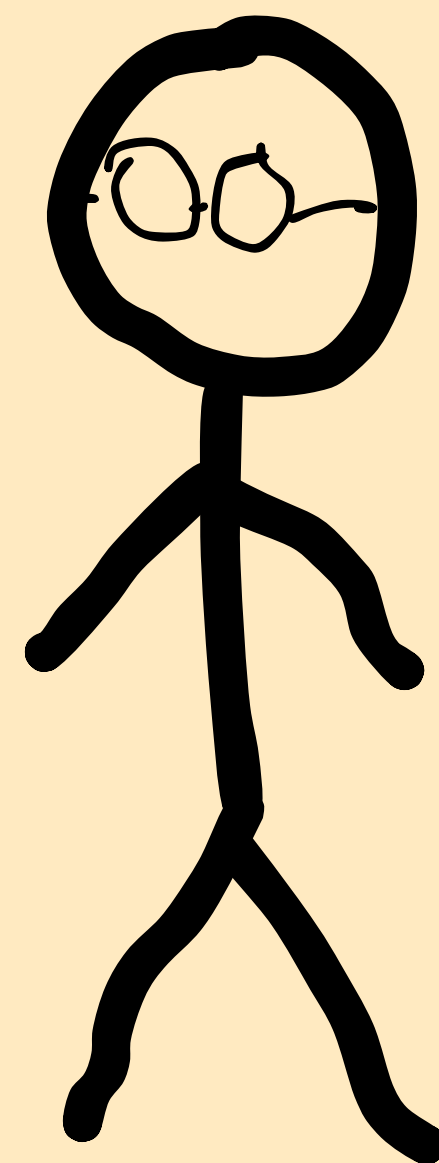
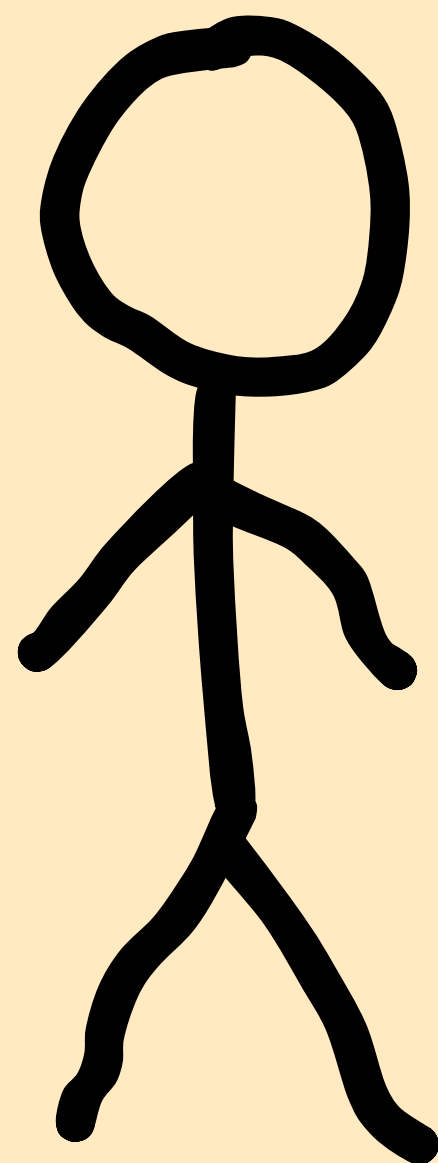


PIERRE IS THE SITE ADMIN



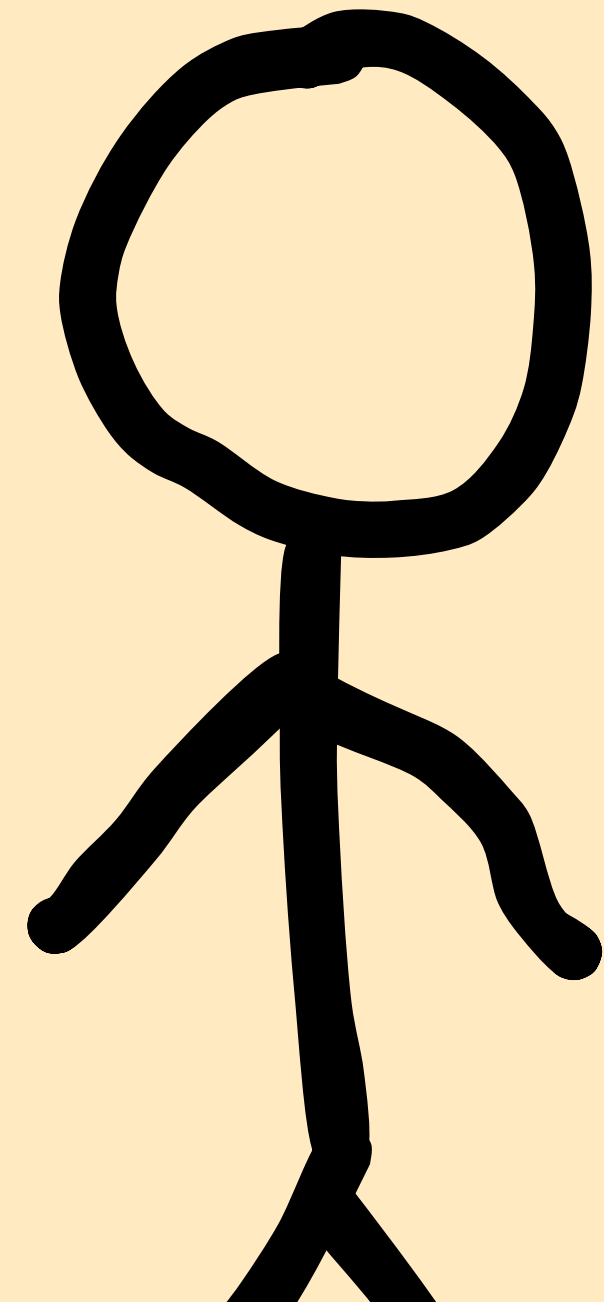
**PIERRE SAYS NOT TO WORRY; THE COMPANY
USES DISPLAY BUILDER NOW**

DEMO: USE DISPLAY BUILDER TO ADD BUTTON TO ALL ARTICLE PAGES



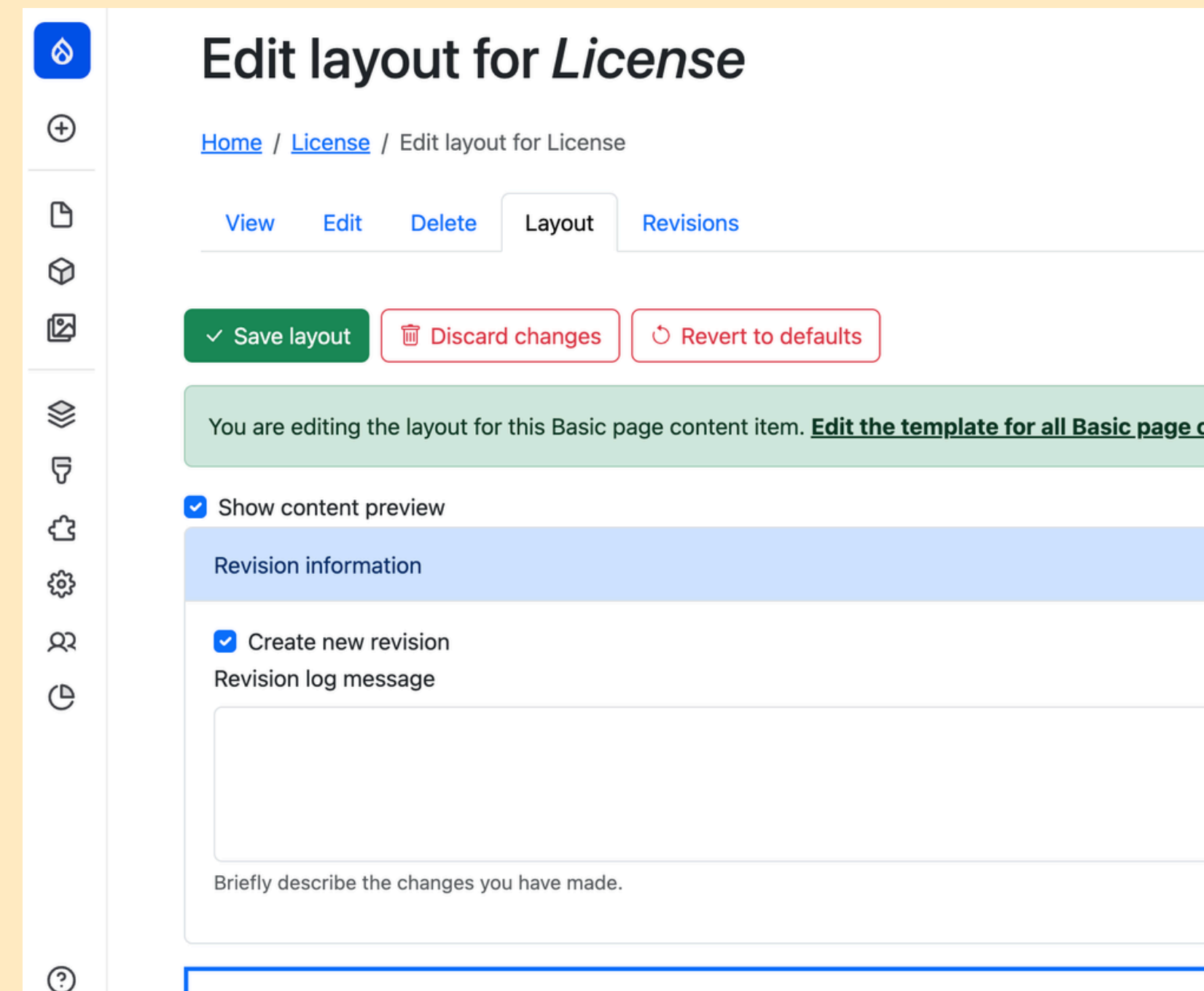
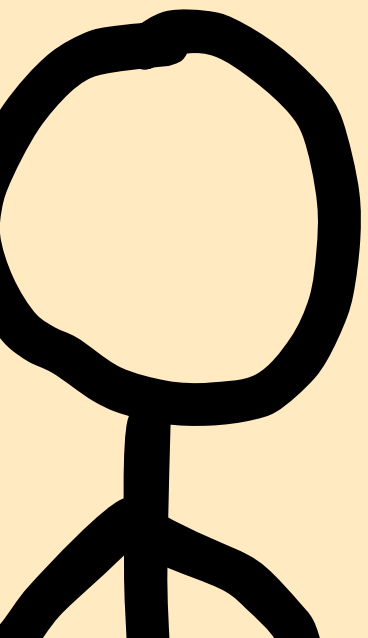
JORDAN CAN UPDATE THEIR TASK LIST

- ~~Add a marketing button to all
article pages~~
- Add an icon to the homepage
- Move pagination to the top of the
screen on the articles listing.



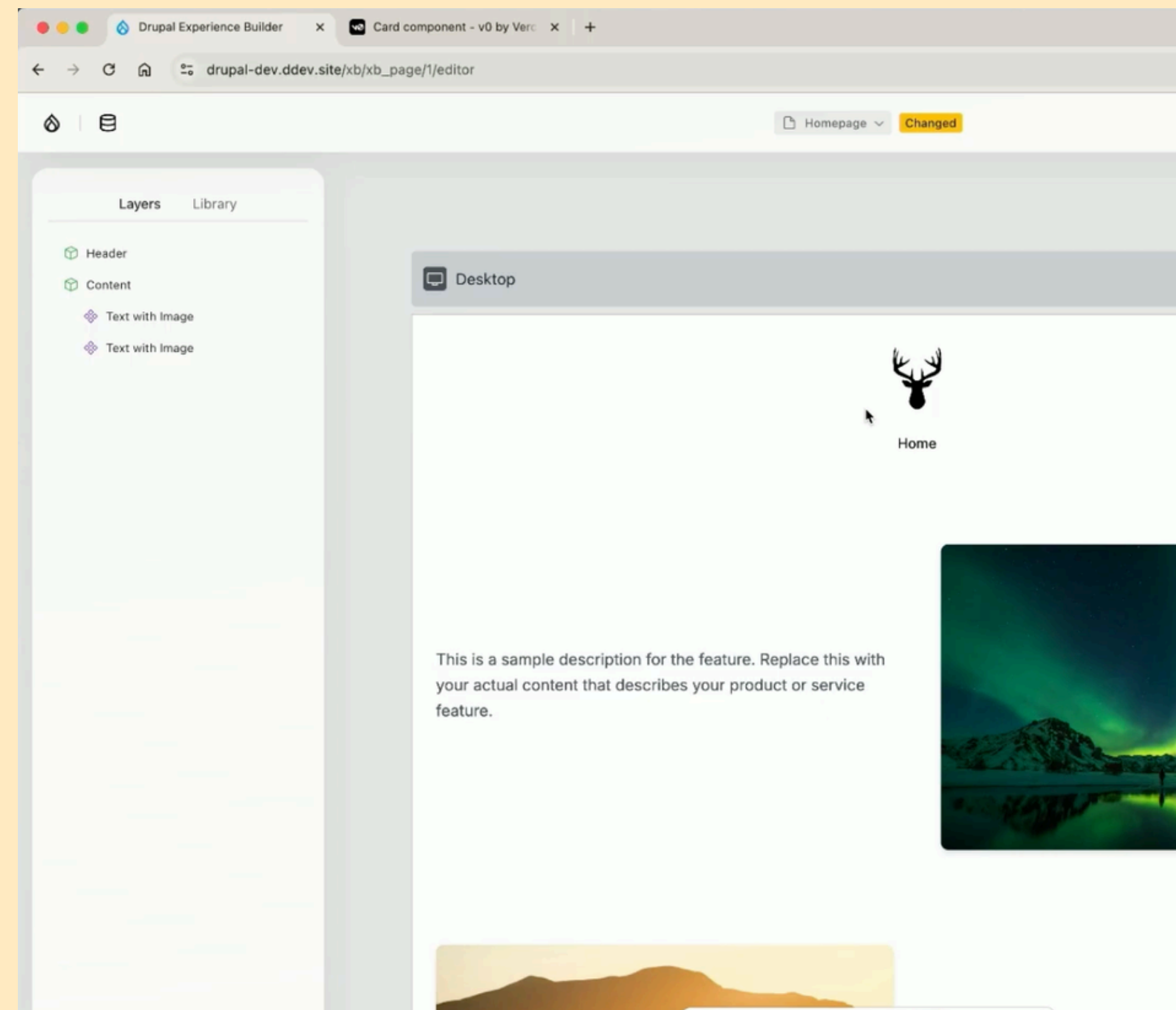
JORDAN HAS HEARD ABOUT LAYOUT BUILDER

- No Lock System
- No Restrictions by Role
- No pub/unpub states
- No symmetric/asymmetric translations
- No undo/redo history
- No native SDC support



JORDAN HAS HEARD ABOUT DRUPAL CANVAS

- Built on React instead of Drupal native tech and HTMX
- Only works for entity views
- Has had an identity crisis
- Actually kinda cool

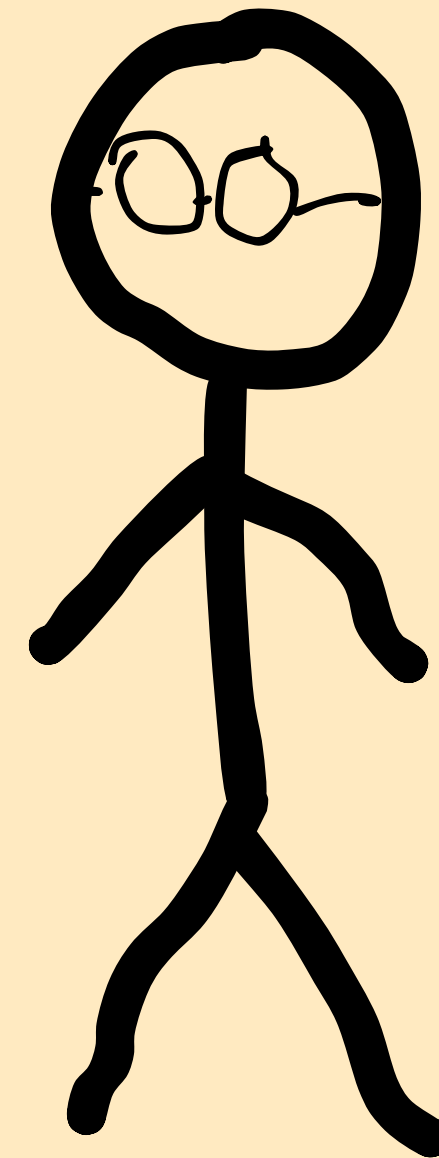
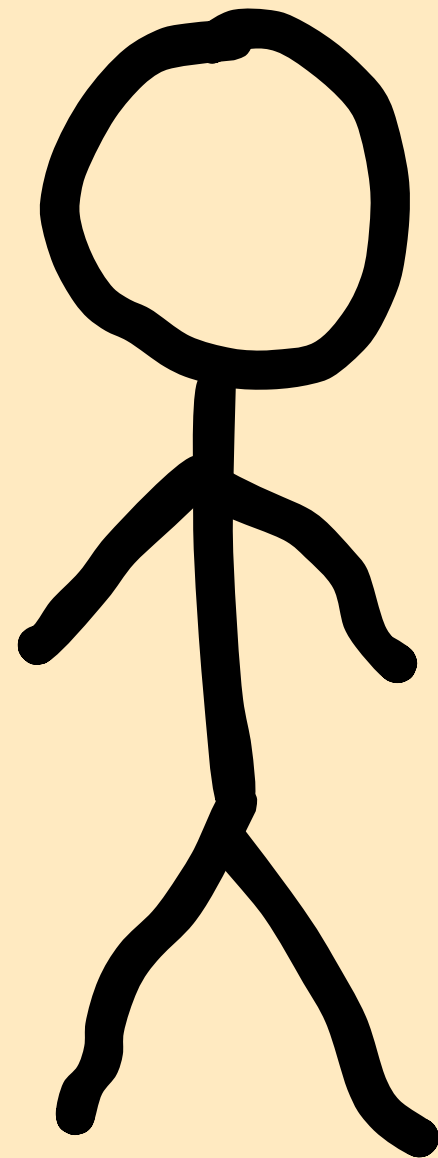


PIERRE KNOWS THEY'RE USING DISPLAY BUILDER



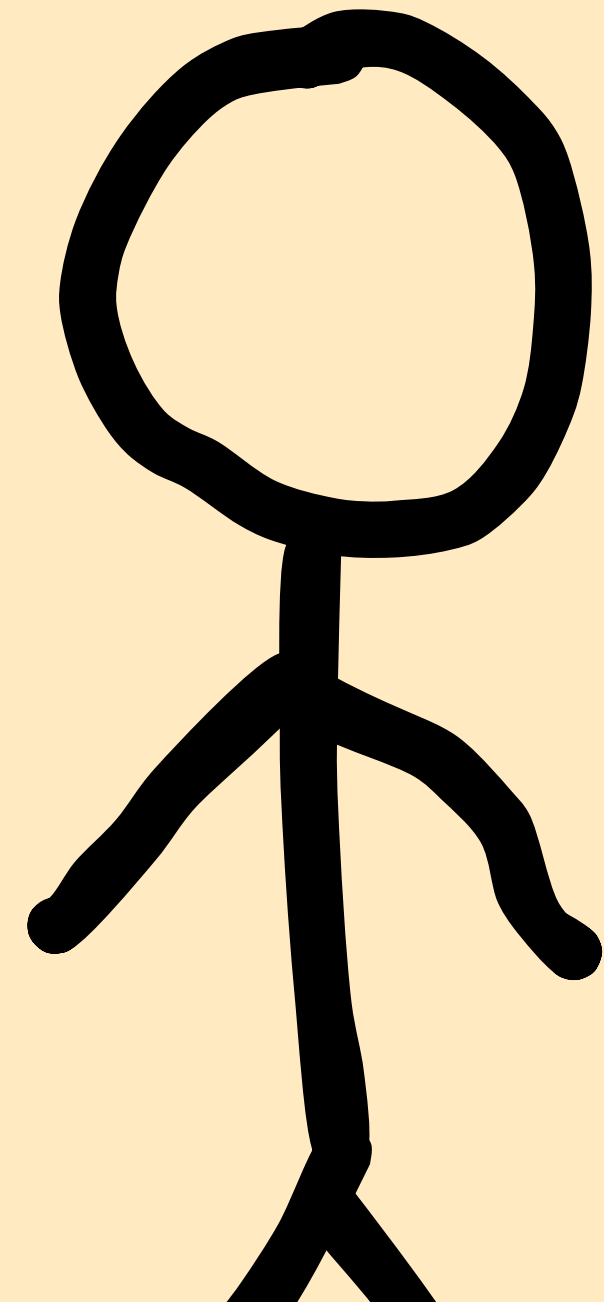
DISPLAY BUILDER ALSO WORKS WITH ENTITY VIEWS

DEMO: ADD AN ICON TO THE HOMEPAGE

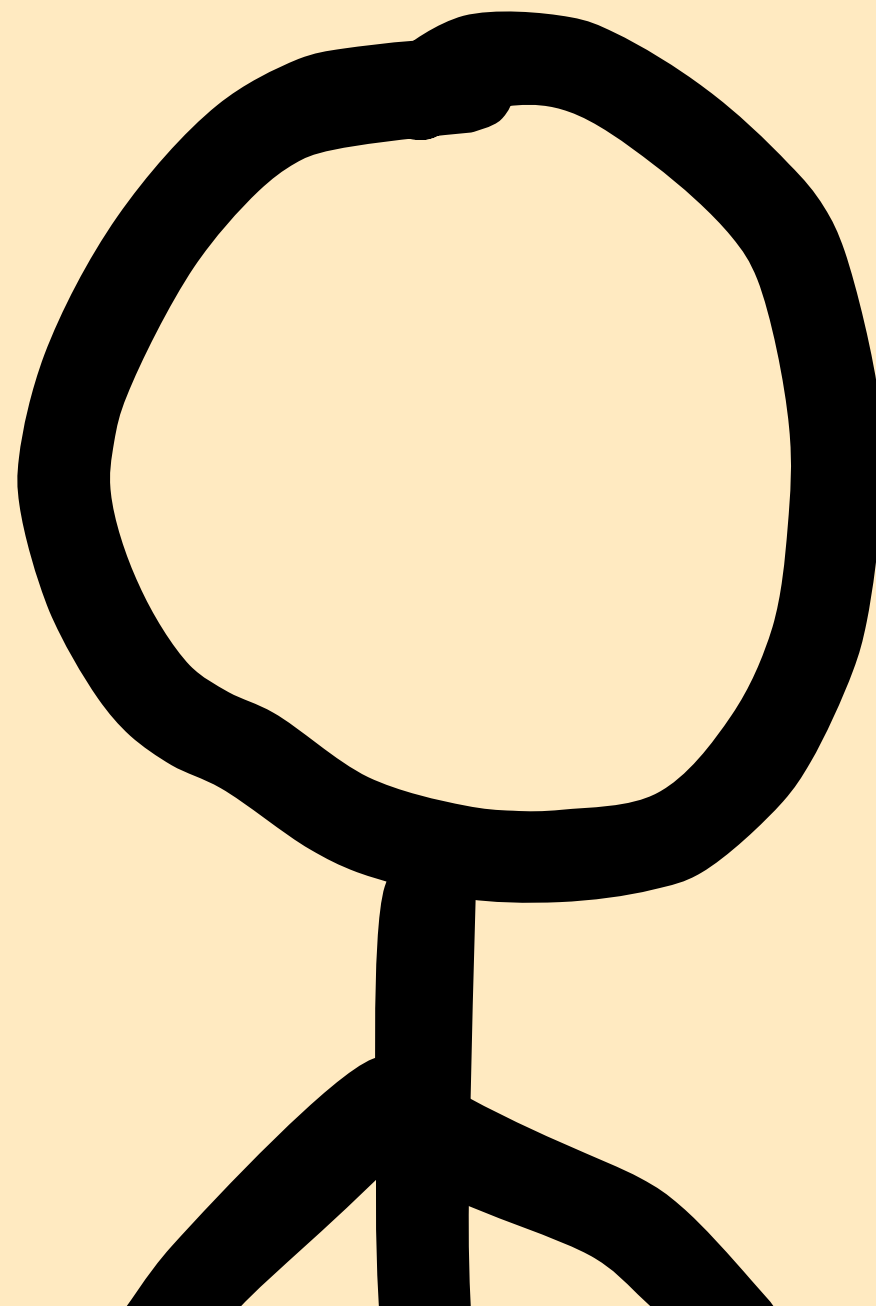


JORDAN CROSSES OFF ANOTHER TASK

- ~~Add a marketing button to all
article pages~~
- ~~Add an icon to the homepage~~
- Move pagination to the top of the
screen on the articles listing.



**JORDAN HAS HEARD A LOT
ABOUT VIEWS.**

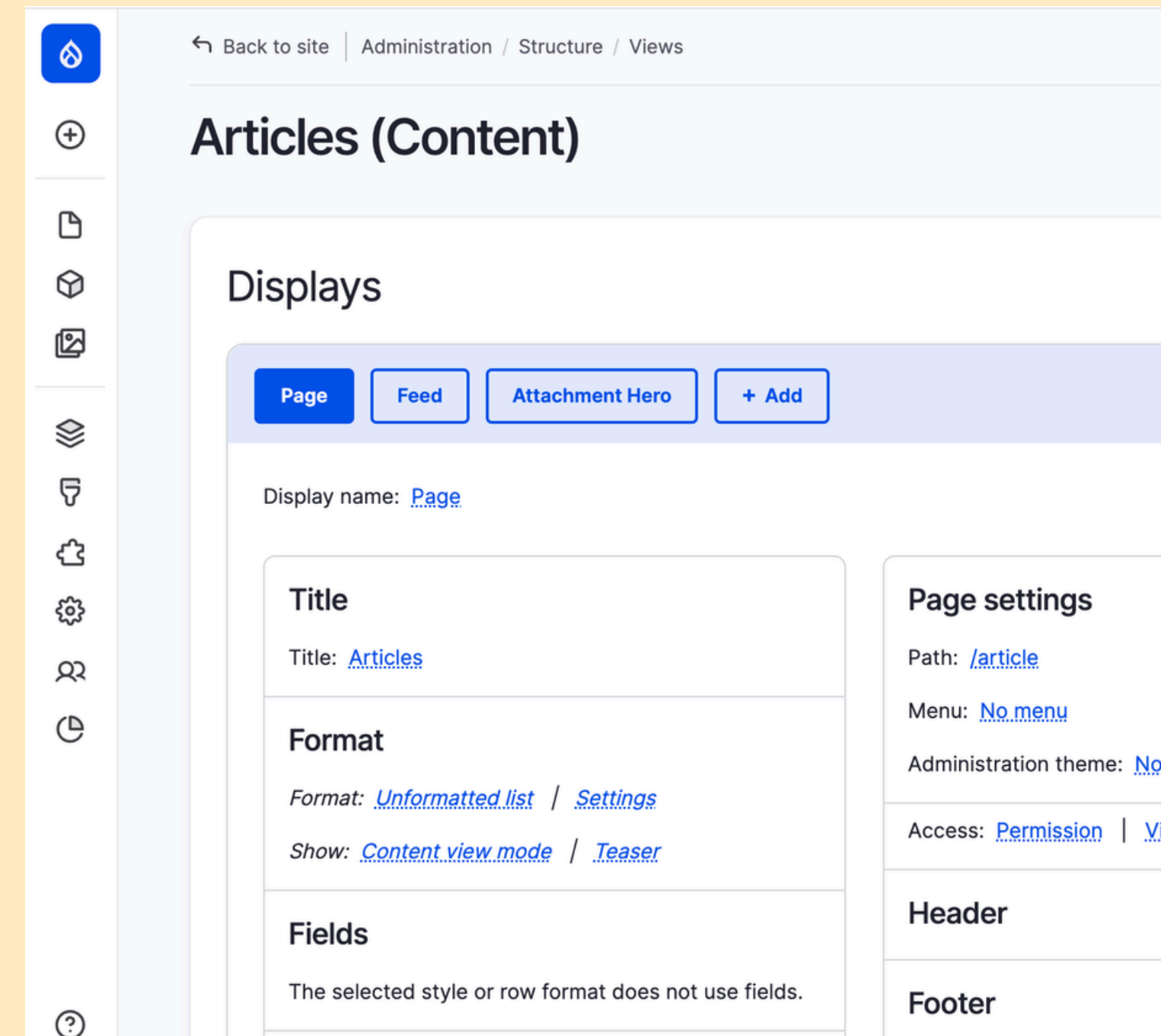
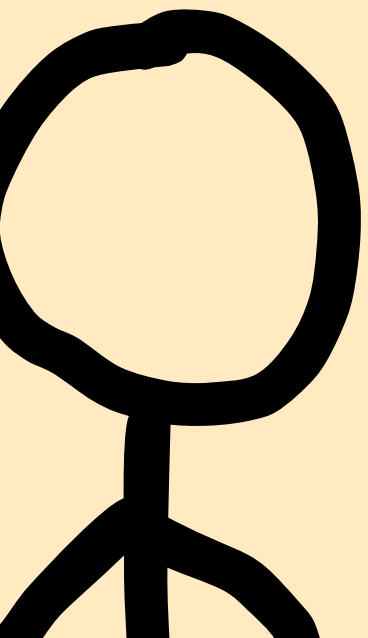


LIKE,

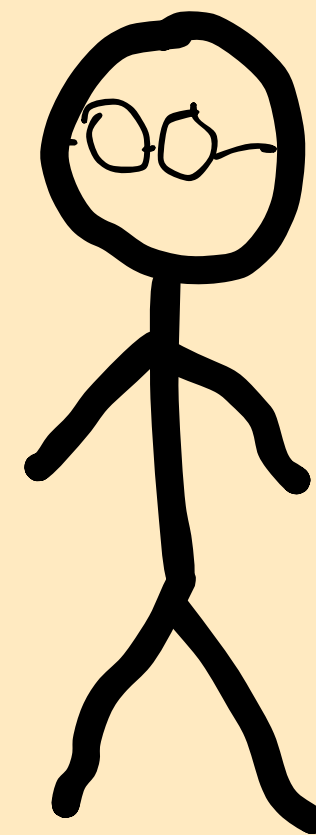
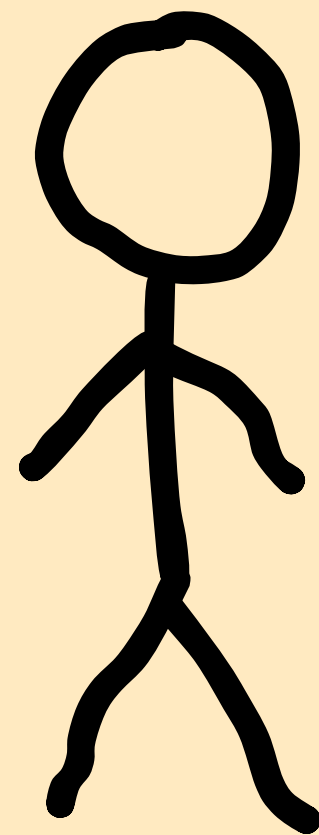
A LOT.

JORDAN KNOWS VIEWS LACKS A WAY TO STRUCTURE DISPLAY

- Display has to be done in code to structure a view's parts
- Jordan is in Copywriting and Marketing. Jordan doesn't write code.

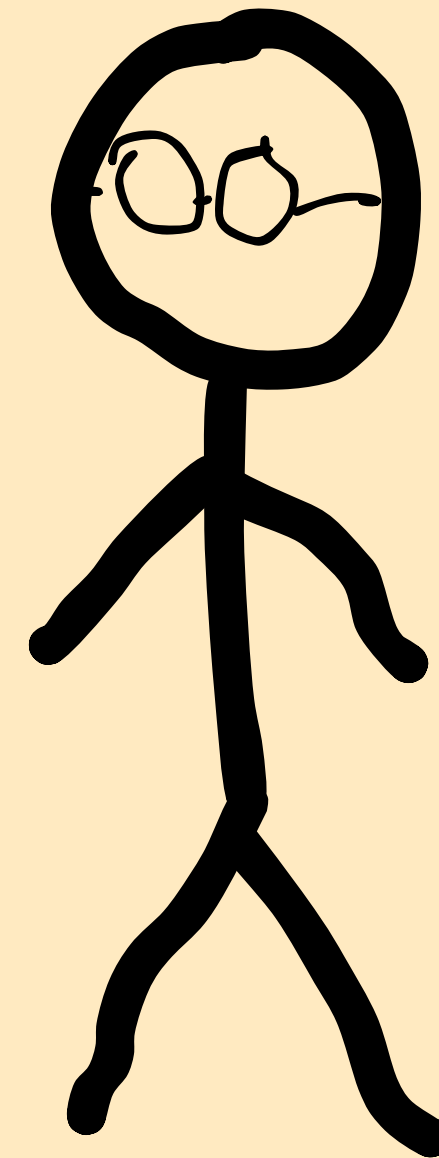
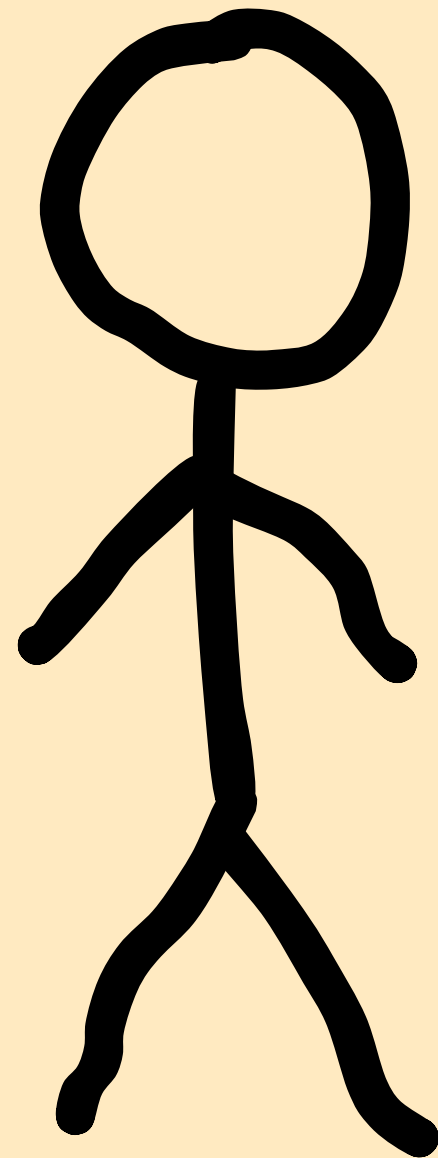


**PIERRE SAYS TO STOP THEM IF YOU
HAVE HEARD THIS BEFORE**



DISPLAY BUILDER LETS YOU ARRANGE VIEWS

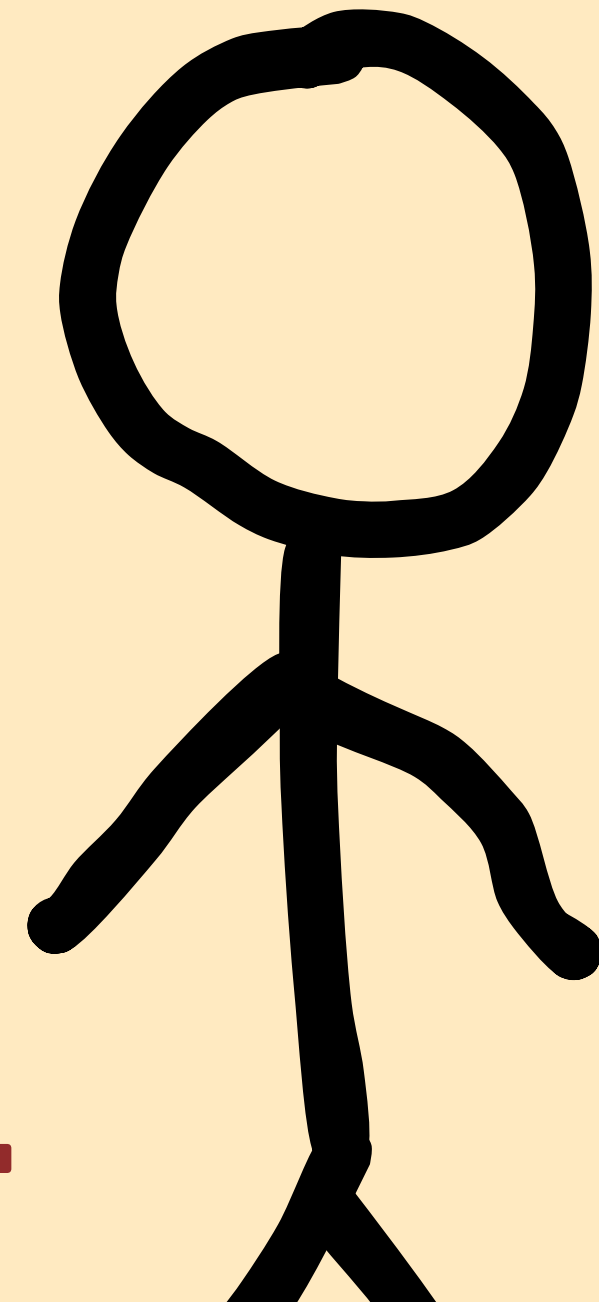
DEMO: MOVE ARTICLES PAGINATION



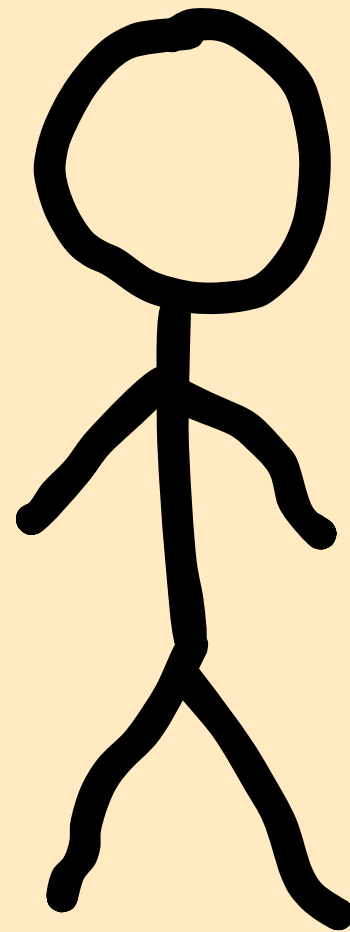
JORDAN COMPLETED THEIR LIST!

- ~~Add a marketing button to all article pages~~
- ~~Add an icon to the homepage~~
- ~~Move pagination to the top of the screen on the articles listing.~~

PLEASE CELEBRATE THEM.

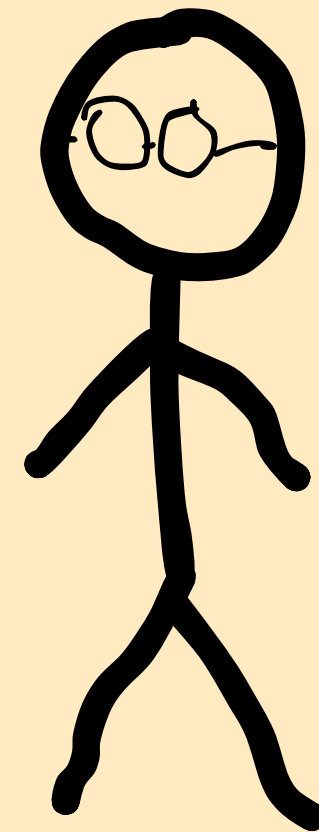
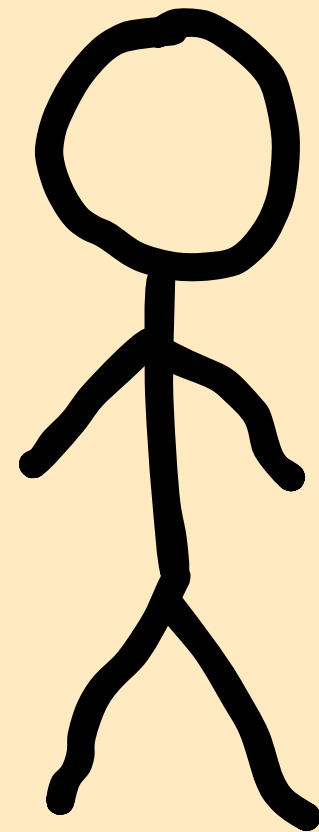


NOW JORDAN IS CURIOUS



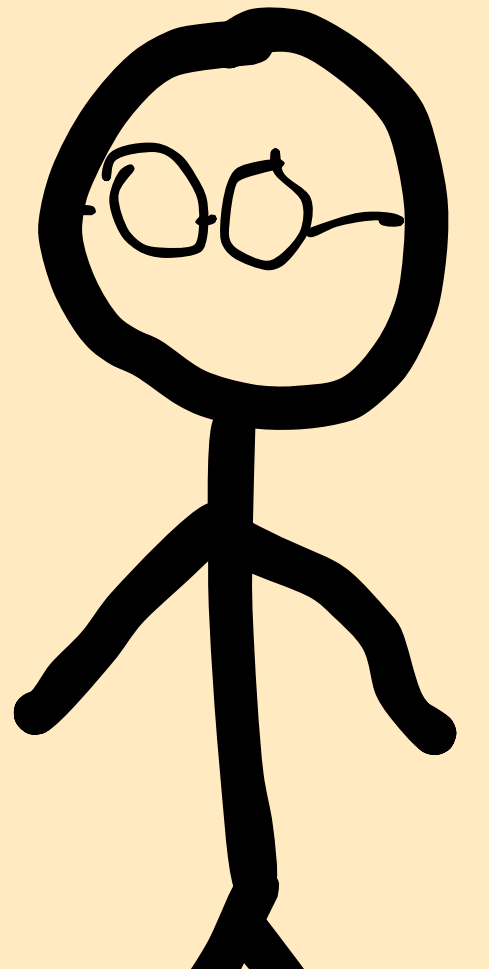
**ALL THESE DISPLAY FUNCTIONALITIES WERE IN
PLACE ALREADY. WHY DISPLAY BUILDER?**

PIERRE HAS THE DEETS



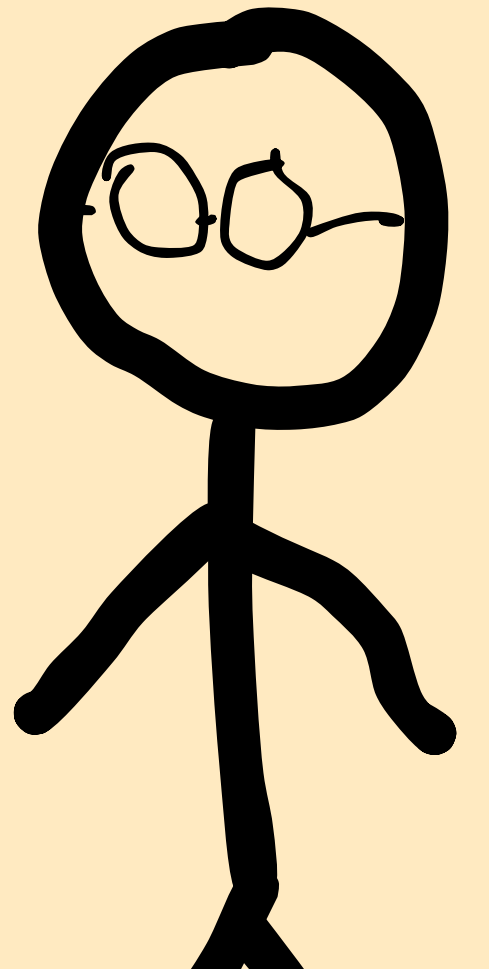
PIERRE KNOWS DISPLAY BUILDER

- Compatible with other Drupal display tech
 - Layout Builder and Block Layout are still functional alongside Display Builder
- Able to modify and extend/limit editor with Profiles
 - Can be limited by role
- Editor is also plugin-based--write your own!
- Build a library of prearranged components with Presets and Instances



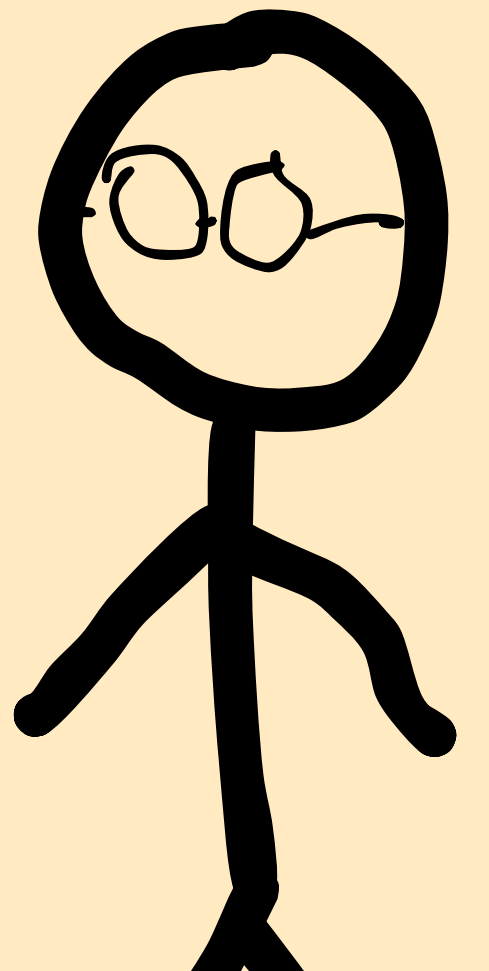
PIERRE KNOWS A LOT MORE ABOUT DISPLAY BUILDER

- Handful of Fundamental Goals
 - Modern technology
 - Unified editor
 - Drupal design system native
- What's this about a design system?
 - “UI Suite is an ecosystem of modules and themes that connects all Design System artifacts with Drupal UI”



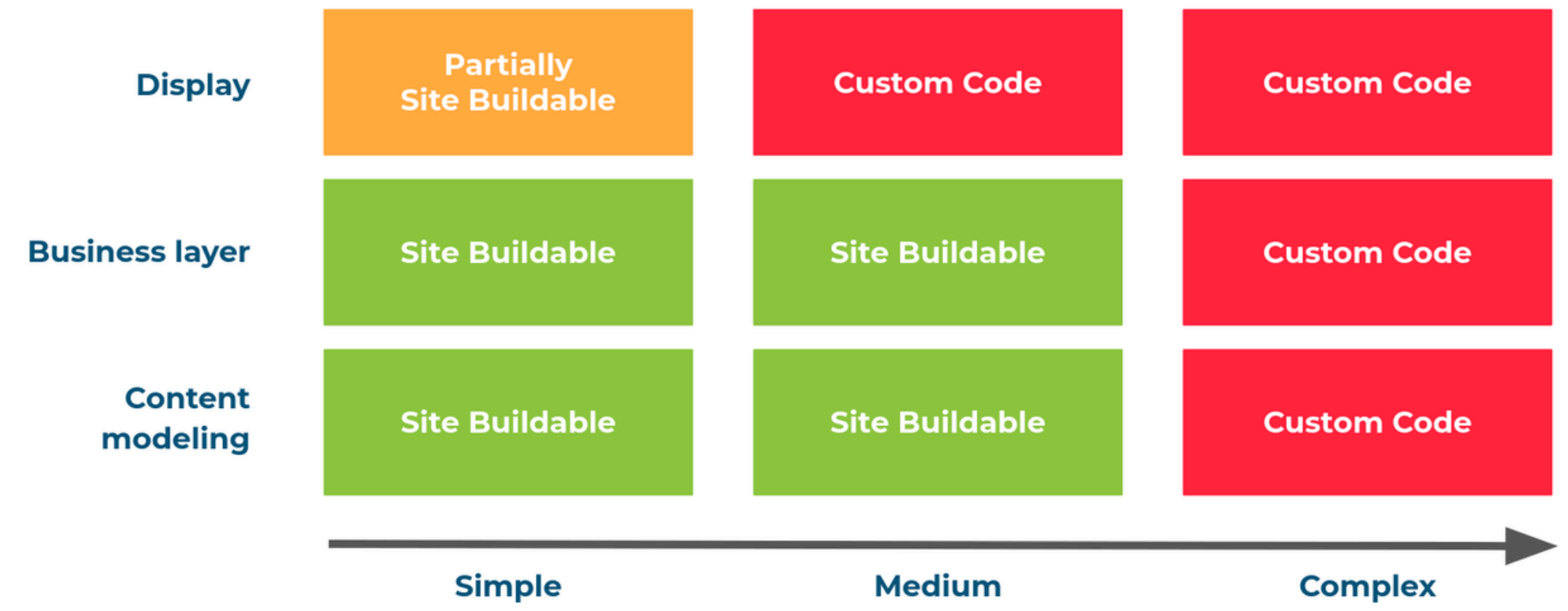
PIERRE KNOWS MORE ABOUT UI SUITE

- Modules Include:
 - UI Patterns – Expose SDC to Drupal displays
 - UI Icons – Expose Drupal Icon API
 - UI Styles – Make reusable styles from modules/themes, implement in displays
 - UI Skins – Define and use CSS templates/themes
- The core idea is that Drupal has strong no/low code capabilities for content modeling and business rules
 - We need similar no/low-code capabilities for theming and display managers

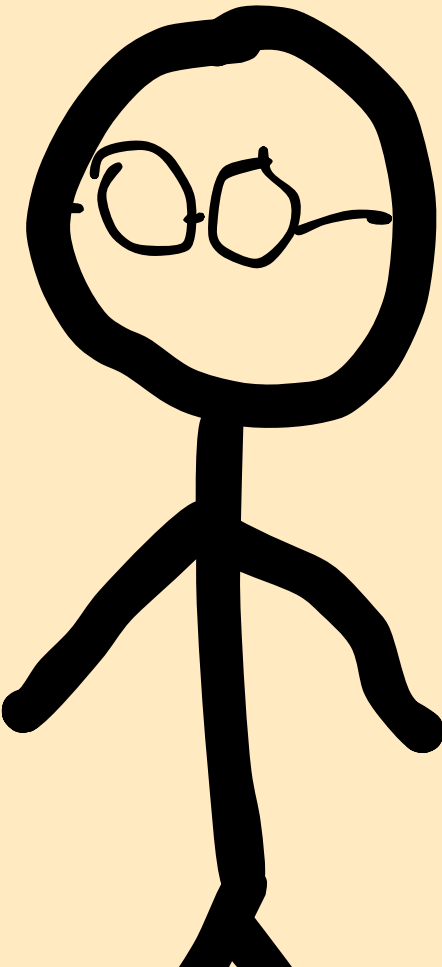
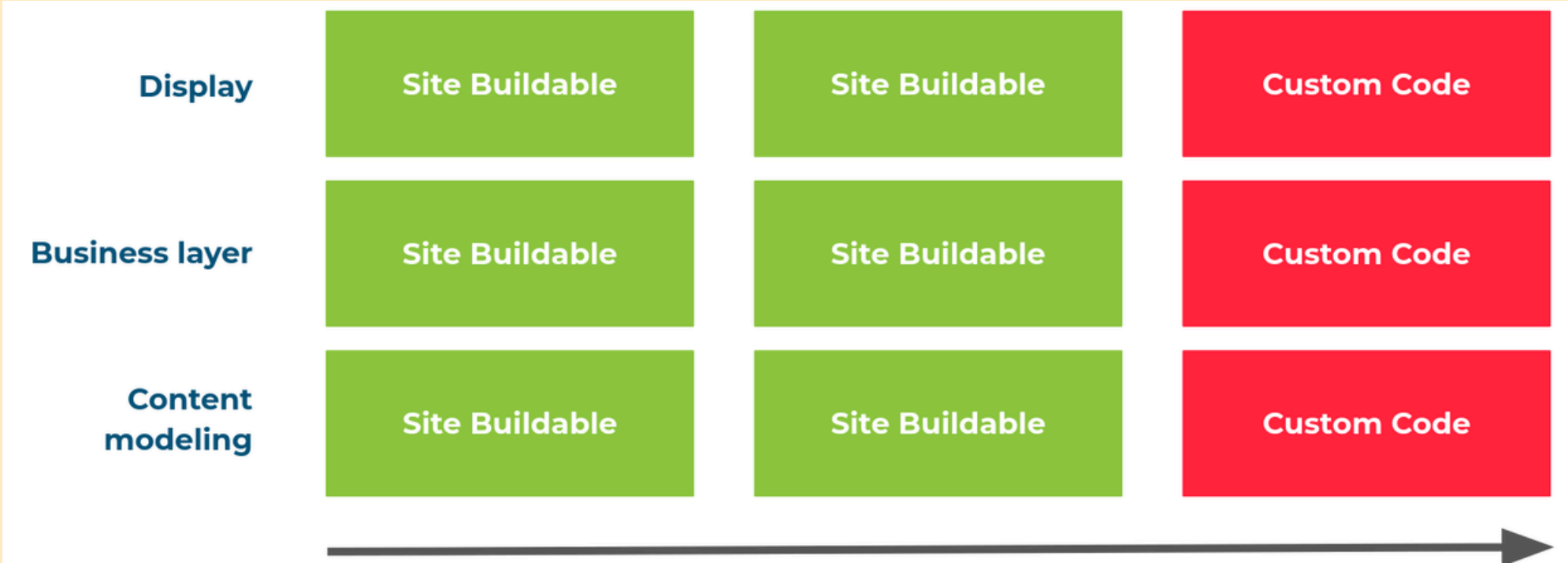


UI SUITE TEAM LOVES THIS SLIDE

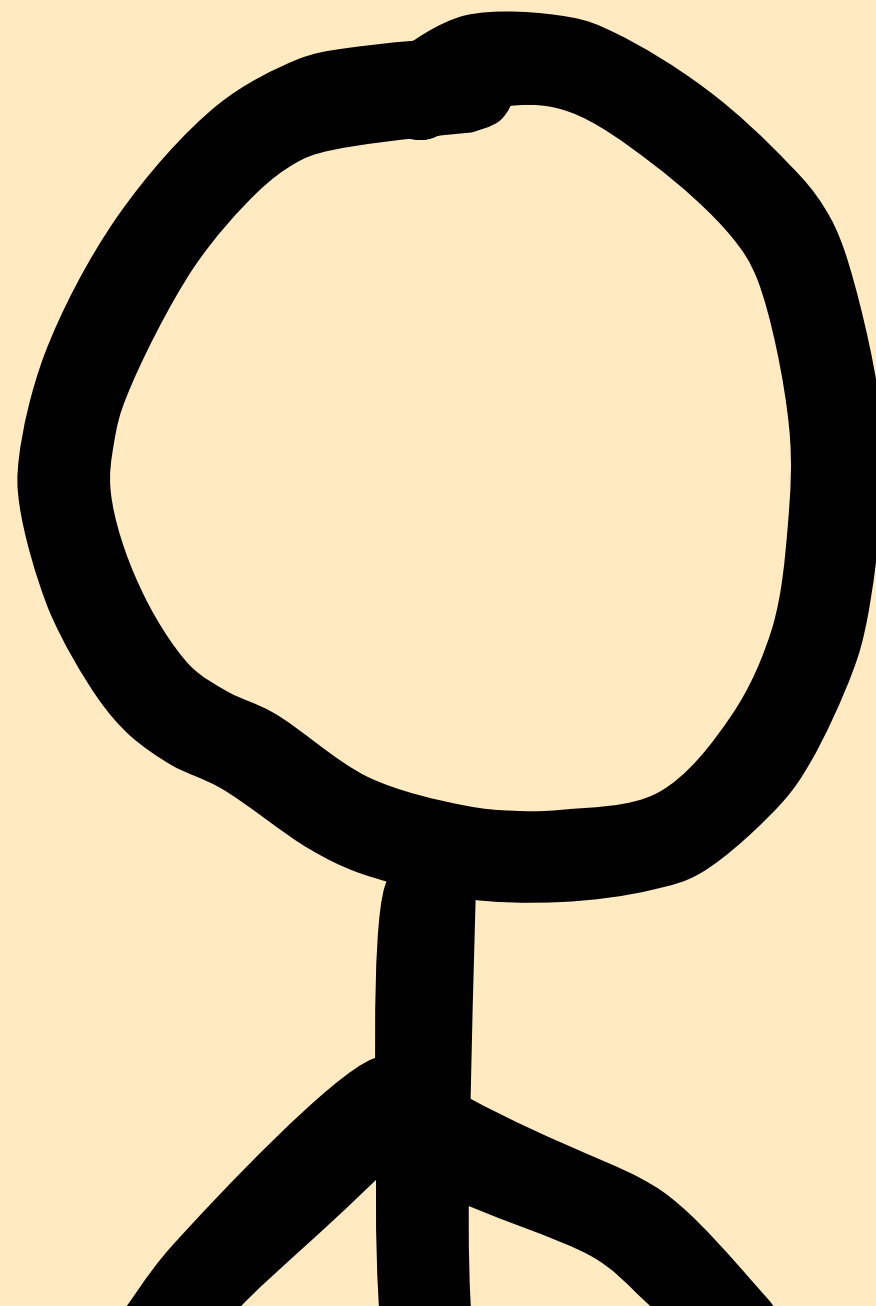
- Without UI Suite:



- With UI Suite:

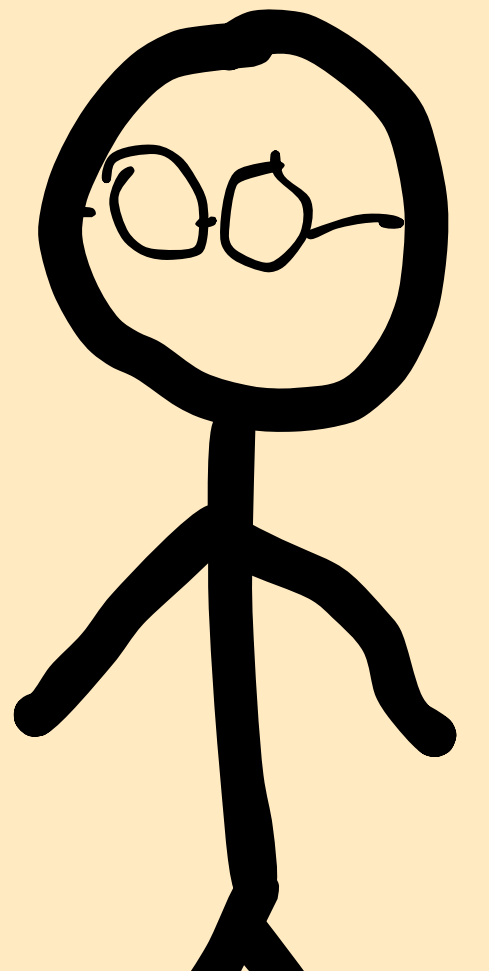


ALL JORDAN CAN SAY IS “WOW”



ALLOW PIERRE TO SUMMARIZE

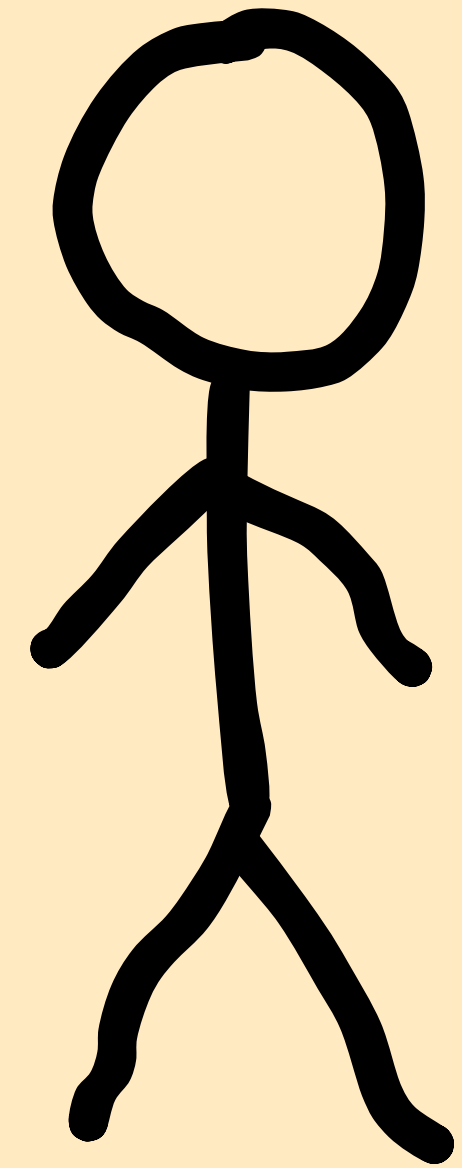
- Display Builder offers a consistent building experience across several different layouts
- Display Builder can but does not require you to replace already known solutions; it can work alongside them
- UI Suite is a push for site builder no/low-code solutions, and Display Builder is an expression of that.



THANK YOU FOR LISTENING

JORDAN THANKS YOU TOO

QUESTIONS?



On Drupal Slack and
Drupal.org as dhansen



I don't know
Jordan's socials