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Speakers, hit the red/blue button!

Attendees, remind speakers about the record button!

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#DCO2024

Lay it all out with Layout Paragraphs

Andrew Lefebvre -
azuryte (Drupal.org) / azuryte5 (github)



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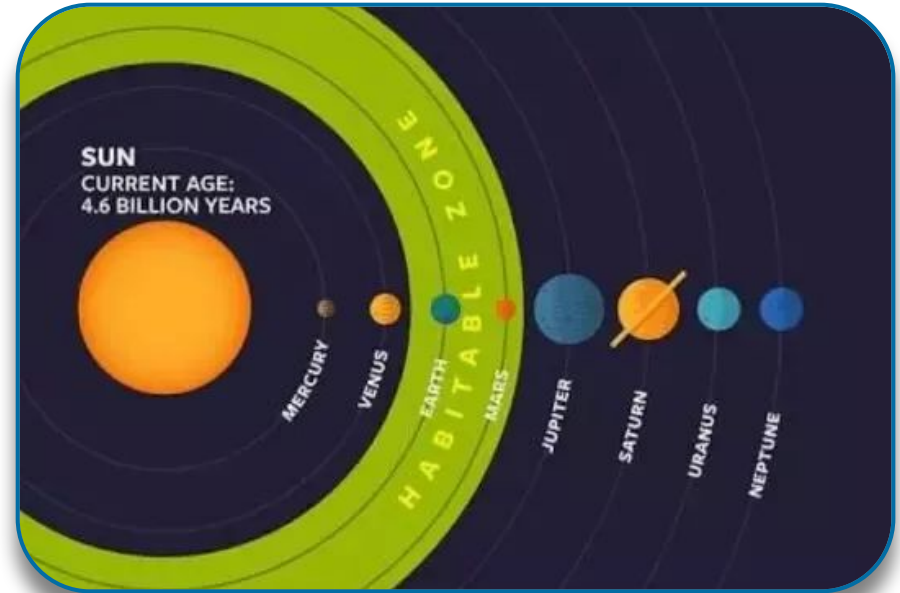
HELLO!

I am Andrew Lefebvre

Project Coordinator/Software Developer



Habitable zone or “Goldilocks zone” for content editors in Drupal





“The **habitable zone** is the area around a star where it is not **too hot** and not **too cold** for liquid water to exist on the surface of surrounding planets.”



In the realm of content editing

“The **habitable zone** for a *content editors* is the area of control an editor has over content creation and layouts.”



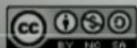
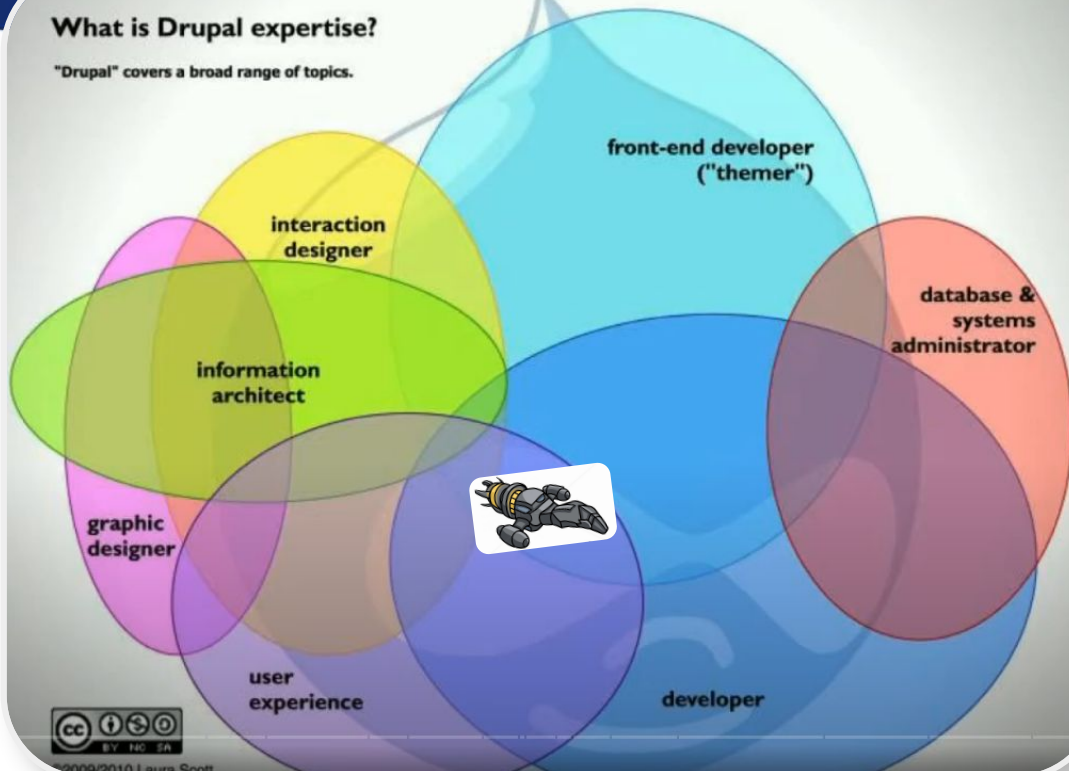
Who is this presentation for?

- ★ Content authors
- ★ Site builders who build
 - Page layouts, displays
 - Entity forms
- ★ Astronomy and Astrobiology fans



What is Drupal expertise?

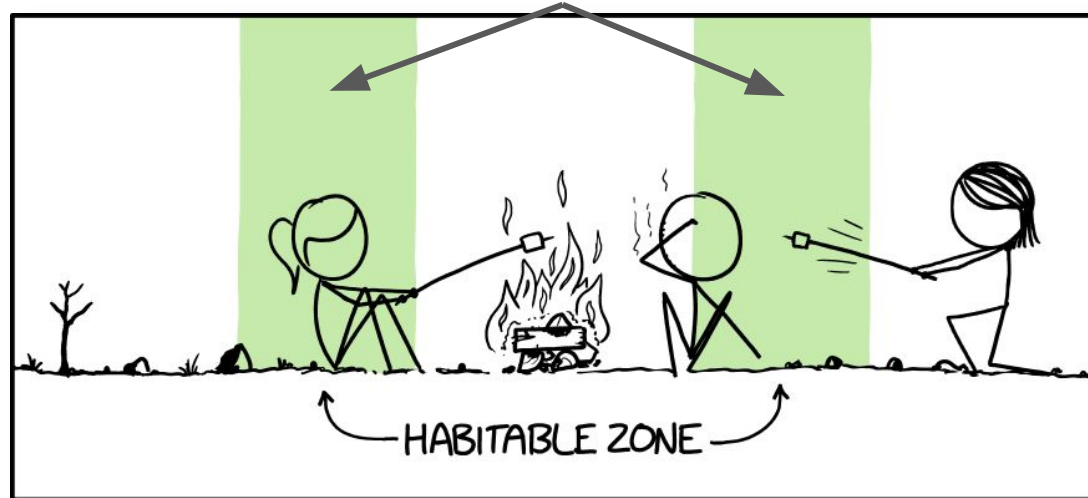
"Drupal" covers a broad range of topics.



©2009/2010 Laura Scott



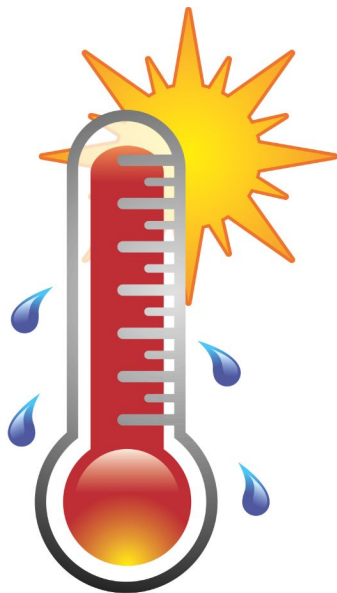
Layout Paragraphs



ASTRONOMERS DEFINE THE CAMPFIRE HABITABLE ZONE
AS THE REGION WHERE YOU'RE FAR ENOUGH NOT TO BE
BURNED BUT CLOSE ENOUGH TO ROAST MARSHMALLOWS.

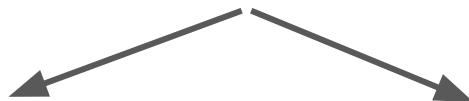


Content Editor Habitat Problems



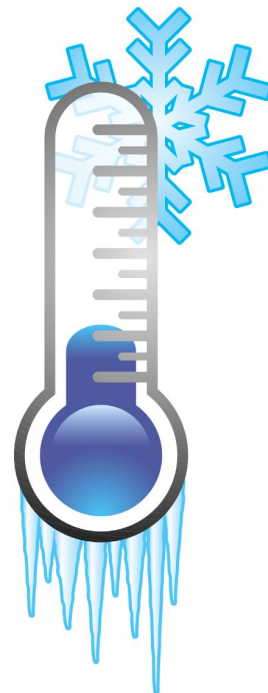
Too Hot

- Refers to content authors who are frustrated with all their content going in a body text field.



Too Cold

- Refers to too much customization where content editors don't know how to edit.





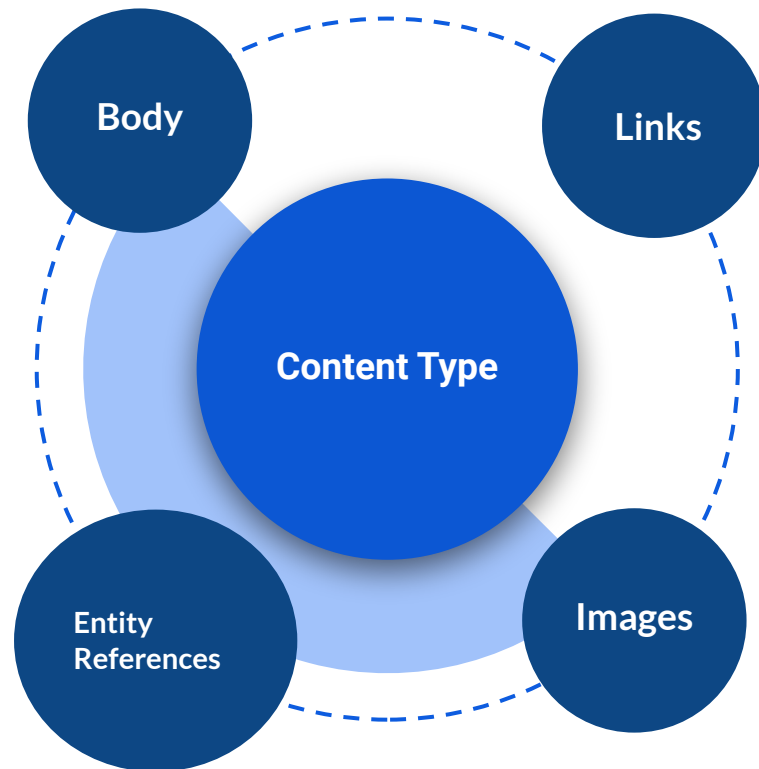
Helpful concepts to know

- ★ Drupal 101
- ★ How to edit content
- ★ Drupal Layout builder and Page templates
- ★ Drupal Ckeditor 5
- ★ Drupal module: Paragraphs



“Habitable Zone” for Content Authors

Choose your content type





Quick Overview about CKeditor 5

- ★ Toolbar buttons and plugins are added to formatted text editors

CKEditor 5 ▾

Toolbar configuration

Move a button into the *Active toolbar* to enable it, or into the list of *Available buttons* to disable it. Buttons may be moved with the mouse or keyboard arrow keys.

The toolbar buttons that don't fit the user's browser window width will be grouped in a dropdown. If multiple toolbar rows are preferred, those can be configured by adding an explicit wrapping breakpoint wherever you want to start a new row.

Available buttons

↶ ↷ Style ▾ Ω U   “ ”   Language ▾ Styles (block) ▾ Styles (inline) ▾

Button divider

| 

Active toolbar

Heading ▾ **B** *I* *I_x*  ▾    x_2 x^2               



Ckeditor5 example

↶ ↷ Paragraph ▼ **B** *I*    : 1= ≡ ≡

Daily Logs

Log Entry 1

Shields up. I recommend we transfer power to phasers and arm the photon torpedoes. Something strange on the detector circuit. The weapons must have disrupted our communicators. You saw something as tasty as meat, but inorganically materialized out of patterns used by our transporters. Captain, the most elementary and valuable statement in science, the beginning of wisdom, is 'I do not know.' All transporters off.

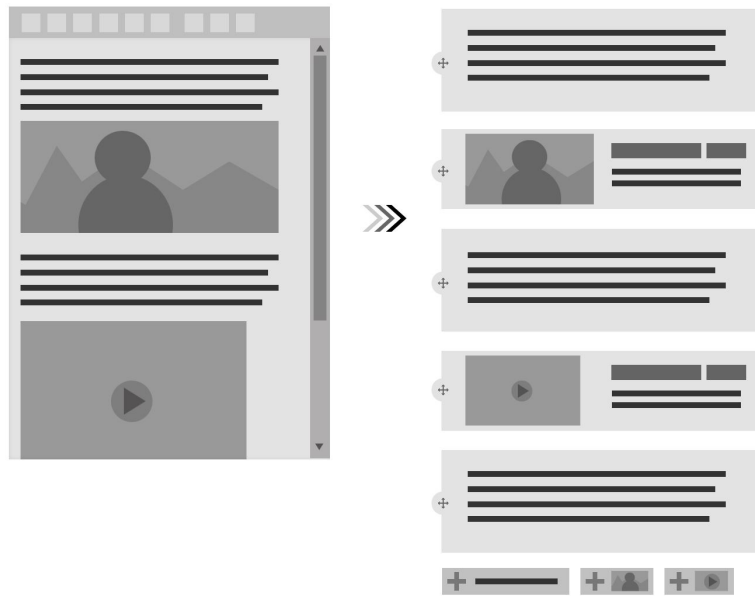
Log entry 2

Run a manual sweep of anomalous airborne or electromagnetic readings. Radiation levels in our atmosphere have increased by 3,000 percent. Electromagnetic and subspace wave fronts approaching synchronization. What is the strength of the ship's deflector shields at maximum output? The wormhole's size and short period would make this a local phenomenon. Do you have sufficient data to compile a holographic simulation?

Quick Overview about Paragraphs

Drupal entities with pre-defined templates, fields, uses.

Can be as simple as a text field with image to accordions, tables, call to actions and more.





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Paragraphs example

PARAGRAPHS

Paragraph type: Text

Title
Welcome

Body

Welcome on our site

+

Path: p
[Disable rich-text](#)

Text format Full HTML ▾
• Lines and paragraphs break automatically.

Remove

Paragraph type: Quote

Author
Awesome customer

+

Quote *
You guys are awesome!

Remove

Paragraph type: Slideshow

IMAGES

FILE INFORMATION	OPERATIONS
+	Selection_272.png (10.86 KB)

Remove

Add a new file

Browse... No file selected. Upload

Files must be less than 2 MB.
Allowed file types: png gif jpg jpeg.

Remove

Paragraph type
Slideshow ▾

Add another paragraph



Quick Overview about Page Templates

Drupal default manage display

Select field formatters
and display widgets



- Drag and drop field order
- Easy for 1 column layouts

Layout builder

Layout builder to select
sections and layouts



- Define Sections and columns, placeable block regions
- Can have customized templates



How to configure page layouts

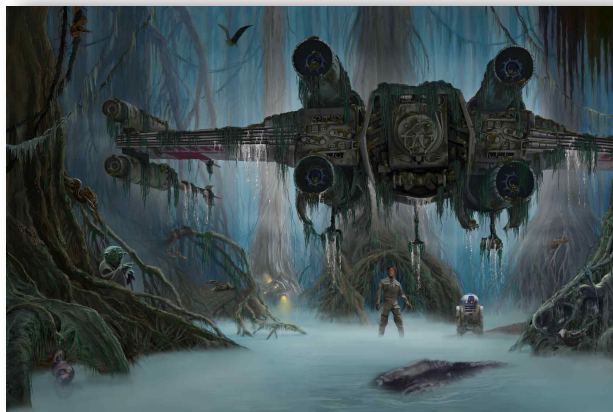
Field	Label	Format
Links		
Sub-header	- Hidden -	Plain text
Icon	- Hidden -	Rendered entity
Description	- Hidden -	Default
Content	- Hidden -	Layout Paragraphs
Disabled		
Weight	Above	Unformatted
Custom display settings		
Layout options		
☐ Use Layout Builder		

VS

+ Add section	
"Audience" field	"Duration" field
"We recommend (but in no way require) that participants come with some knowledge of the following" field	"Level" field
+ Add block	"Cost" field
+ Add block	
+ Add section	
"Course summary" field	
"Course Covering" field	
"Requirements" field	
+ Add block	
+ Add section	
"Request training" block	
+ Add block	
+ Add section	



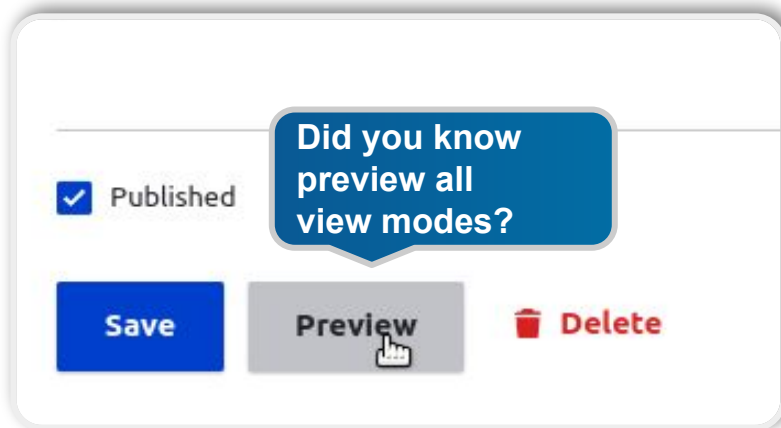
Overview about Editing and Saving



Content Entity Form

Form is fully customizable by site builders to provide field order, help text, form widgets, tabs

- View Mode Previews
- Revisions
- Save as published and unpublished
- Workflow Transitions





Example of view mode previews

Full

About

Switching to a new (open source) invoicing system: InvoiceNinja

Monday, May 30, 2022 - 12:00



InvoiceNinja

Ottawa, Ontario - After a few months of testing we're ready to switch over to our new invoicing system based on the open source project [InvoiceNinja](#). Based on PHP/Laravel it'll allow us to more tightly integrate our services with our payment systems.

We'll be rolling out the changes over the next two months. The first group to move over will be our monthly support clients. The first invoice should be at the start of June.

The main reason for the move is the extensive [API](#) and [developer documentation](#) available for [InvoiceNinja](#) which will allow us to integrate our various support services directly to our invoicing system. It'll allow for more accurate and timely reporting on client support usage each month, make it easier to track which hosting services clients are using and reduce the amount of manual effort that goes into doing the "business" part of running a business.

As we finalize our integration between our Drupal based tools and InvoiceNinja we're planning to open source any of the modules we've written to do so. We also may showcase the changes at an upcoming Drupal event or [DrupalYow](#) meetup.

Page Listing

About

Switching to a new (open source) invoicing system: InvoiceNinja

oic

Switching to a new (open source) invoicing system: InvoiceNinja

May 30, 2022

After a few months of testing we're ready to switch over to our new invoicing system based on the open source project [InvoiceNinja](#). Based on PHP/Laravel it'll allow us to more tightly integrate our services with our payment systems.

Teaser

Switching to a new (open source) invoicing system: InvoiceNinja

 **InvoiceNinja**

30/05/2022

Switching to a new (open source) invoicing system: InvoiceNinja

Unleashing Custom layouts

A chance for content editing to get “too cold”

- ★ Allows for content entities **within** a content type to have unique layouts
 - Site builders If you click it. It will allow content authors to override the page display layout for this viewmode.
 - All page layout data gets stored in a single field in the database



Layout options

☒ Use Layout Builder

☐ Allow content editors to use stored layouts

Save



1 Body Field Problem

Sometimes the body field becomes a catch all.

- ★ Add a title
- ★ Add some text
- ★ Add an image
- ★ Add a table
- ★ Add a quote block
- ★ And so on





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Body field starts to get a bit much *A chance for content editing to get “too hot”*



- ★ Multiple images being placed in the same ckeditor field
- ★ More than 1 heading per field
- ★ Adding classes and styling such as float
- ★ Styled components like alerts, buttons, accordions, tables, quotes.

The three greatest things you learn from traveling in space

It indicates a synchronic distortion in the areas emanating triolic waves. The cerebellum, the cerebral cortex, the brain stem, the entire nervous system has been depleted of electrochemical energy. Any device like that would produce high levels of triolic waves. These walls have undergone some kind of selective molecular polarization. I haven't determined if our phaser energy can generate a stable field. We could alter the photons with phase discriminators.

Run a manual sweep of anomalous airborne or electromagnetic readings. Radiation levels in our atmosphere have increased by 3,000 percent. Electromagnetic and subspace wave fronts approaching synchronization. What is the strength of the ship's deflector shields at maximum output? The wormhole's size and short period would make this a local phenomenon. Do you have sufficient data to compile a holographic simulation?

Sensors indicate no shuttle or other ships in this sector. According to coordinates, we have travelled 7,000 light years and are located near the system J-25. Tractor beam released, sir. Force field maintaining our hull integrity. Damage report? Sections 27, 28 and 29 on decks four, five and six destroyed. Without our shields, at this range it is probable a photon detonation could destroy the Enterprise.

Resistance is futile.



Appreciation of diversity

Getting used to an entirely different culture can be challenging. While it's also nice to learn about cultures online or from books, nothing comes closer to experiencing cultural diversity in person. You learn to appreciate each and every single one of the differences while you become more culturally fluid.

The real voyage of discovery consists not in seeking new landscapes, but having new eyes.

Marcel Proust



Leaving your comfort zone might lead you to such beautiful sceneries like this one.

Improvisation

Life doesn't allow us to execute every single plan perfectly. This especially seems to be the case when you travel. You plan it down to every minute with a big checklist. But when it comes to executing it, something always comes up and you're left with your improvising skills. You learn to adapt as you go. Here's how my travel checklist looks now:

- buy the ticket
- start your adventure

Confidence

Going to a new place can be quite terrifying. While change and uncertainty make us scared, traveling teaches us how ridiculous it is to be afraid of something before it happens. The moment you face your fear and see there is nothing to be afraid of, is the moment you discover bliss.



Three monks ascending the stairs of an ancient temple.



Layout Paragraphs module

Drupal Paragraphs

All the customization that paragraphs give to content creators



Layout Builder Templates

Page templates that provide all the display functionality define where your content section goes

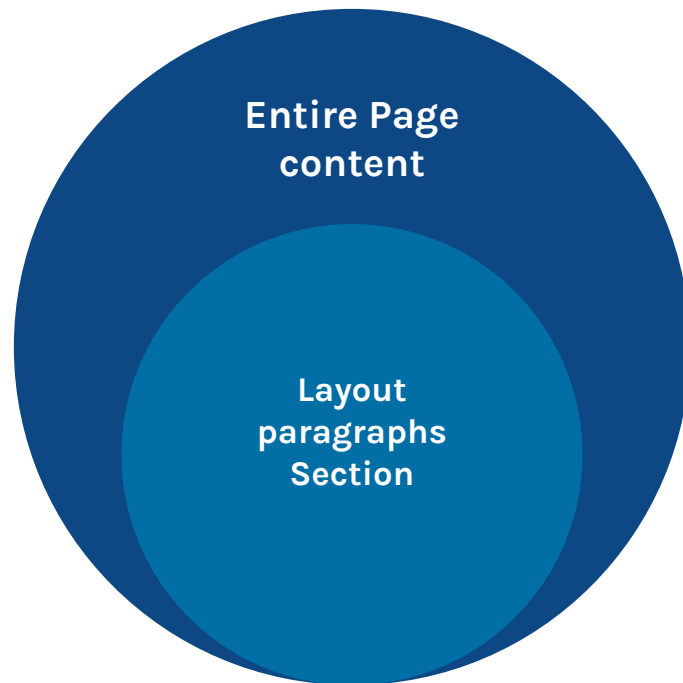
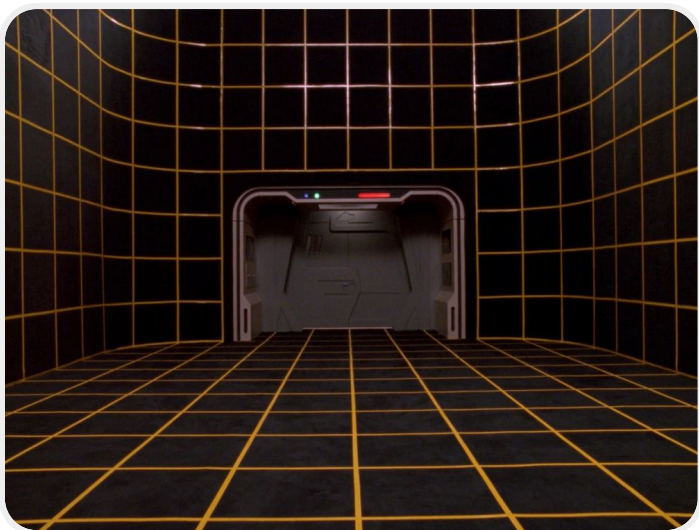


Layout Paragraphs

Layout Paragraphs provides an effortless drag-and-drop editing experience for writers, editors, and marketers within the content editing form.



Layout Paragraphs module





Layout Paragraph module

Paragraphs

3

- None -



Content



Layout Paragraphs



Rendered as Default
Preview view mode: Default
Form display mode: default
Maximum nesting depth: 0
Paragraphs **must be** added within layouts.



Content

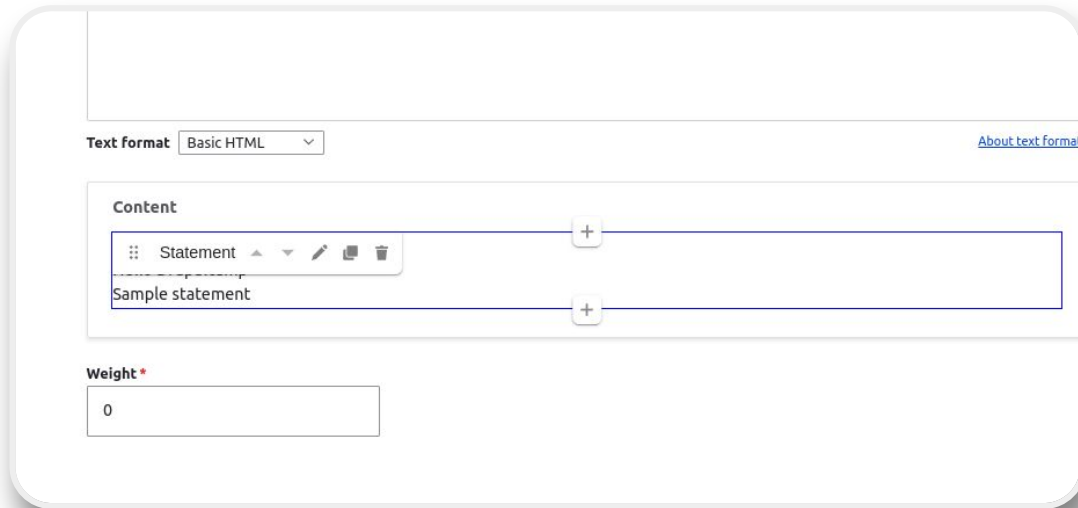
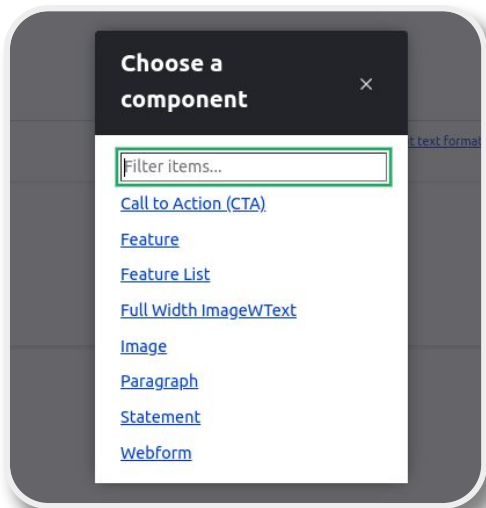


Layout





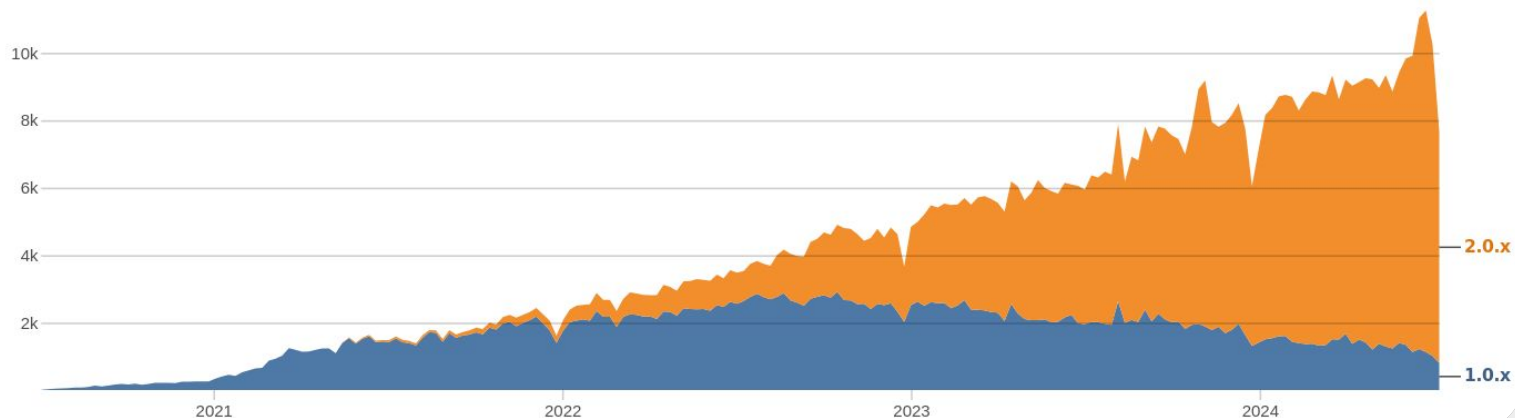
Layout Paragraph module





Layout Paragraph module

Weekly project usage



Benefits of defining Layout Paragraphs

01

Easy to use

- Effortless easy to reorder
- Drag and Drop functionality

02Saves time learning Layout
Builder UI

- Expands on Paragraph module
- Clears up the body field
- May prevent an additional content type

03

Highly customizable

- Reduces the need of customized layouts
- Creates a tool box, can define which paragraphs to see

Potential problems with Layout Paragraphs

01

Paragraphs can get very complicated

- Get used incorrectly, mistaken for blocks
- Paragraphs within paragraphs
- Adds an extra layer of complexity

02

2-step process to use widget

- Need to place layout section first
- Combining drag and drop within an entity form

03

Takes Planning

- Works with Layout builder but still need to be placed as configuration.
- If you want to repeat paragraph content you actually want blocks



When to use Layout Paragraphs

- ★ When there are some distinctions between a content type but contented to 1 section of layout builder
- ★ Already using Layout Builder AND Paragraphs
- ★ Content being added is only being used once
- ★ Theme are getting annoyed with applying styles within Ckeditor
- ★ Avoiding making superfluous content types



What can Content Authors do?

- ★ Understand content moderation workflow
- ★ Decide on editorial expectations
- ★ Include help text on entity form
- ★ Use a Style guide/Component library
- ★ Understand benefits of Paragraphs and Layout Paragraphs



What can Site Builders/Maintainers do?

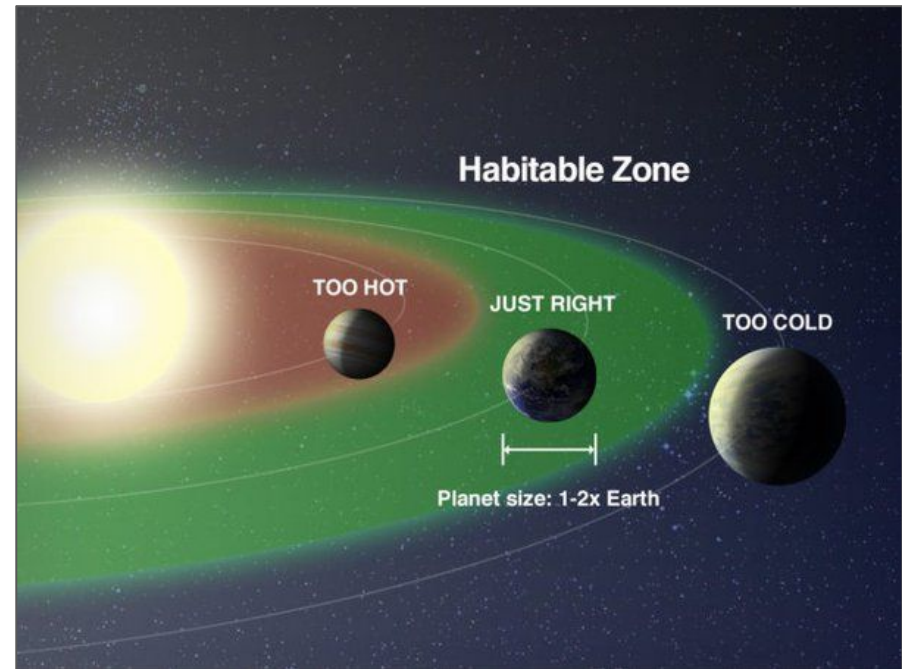
- ★ Responsible for recommending the best habitat for Content authors
- ★ Understand the dangers that customized layouts button
- ★ Encourage content data to be stored in fields/paragraphs
- ★ Build the right kind of toolkit for content authors to better manage their content.



Closing thoughts

Using layout paragraphs is like creating a “habitable zone” for content editors where its not;

- ★ Too **cold** with too much customization, unique layouts in layout builder
- ★ Too **hot** with too much html and content and placed into the body field





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THANKS

★ Question Period.
Any questions?



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Thank you Slide!

How to reach me

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