

OUTSTANDING ADMIN UX

DRUPALCON GLOBAL 2020



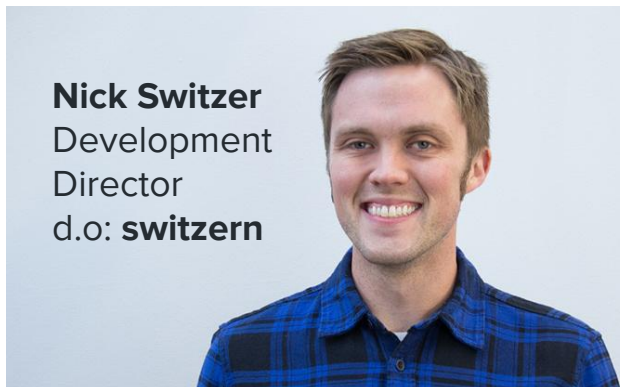
Slides:

<https://bit.ly/391Jqcf>

Stop by our booth:

[#Event/expo/51475](#)

US.



The logo for Elevated Third is a solid blue square. Inside the square, the words "elevated" and "third" are written in a white, lowercase, sans-serif font. "elevated" is on the top line and "third" is on the bottom line, both centered horizontally.

elevated
third

Our agency exists to help organizations succeed. Elevated Third is an agency that designs, builds and optimizes digital experiences using Drupal.

NOT AN AFTERTHOUGHT.

A complex digital platform requires a well-architected, and practical administrator experience. Don't wait until it's too late.

**START AT THE
BEGINNING AND
MAKE IT A PART OF
THE ENTIRE BUILD**

PLANNING

KNOW YOUR USERS.

Plan and build for real people. Put yourself in the shoes of someone who is actually working with the site every day.

CONSIDER YOUR ADMINS

1

**How
technical are
they?**

2

**How much
control do
they *need*?**

3

**How much
control do
they *want*?**

TECHNICAL EXPERTISE

**Do they know
just enough to be
dangerous?**

**Separate
configuration and
content roles.**

**Don't slack on
documentation.**

CONTROL THEY NEED

**Priority tasks
should be easy.**

**Don't bog them
down with extra
stuff.**

**Principle of least
privilege.**

CONTROL THEY WANT

**Reluctant or
overzealous?**

**Align admin
wants with
requirements.**

**Open-ended
experience vs
curated tasks.**

ARCHITECTURE.

Understand the major elements of your build and how they will affect the admin experience.

UNSTRUCTURED CONTENT.

Introduces lots of variation due to the wide range of possibilities for the build.

- **Layout Builder vs. Paragraphs.**
- **Naming conventions: be consistent and clear.**

STRUCTURED CONTENT.

We've been doing this in Drupal for a long time, but it still deserves the same amount of attention.

- Each field should be focused on doing one job well.
- Use the right field for the job. It's called structured content for a reason.

Structured Page (Templated)

Example: Resource Detail

Unstructured Page (Flexible)

Example: Homepage

Advice • Blog

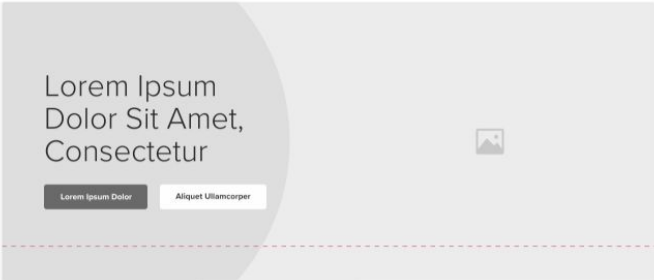
How to Compare & Evaluate Senior Care Costs

Fusce dapibus, tellus ac cursus commodo, tortor mauris condimentum nibh, ut fermentum massa justo sit amet risus. Cras mattis consectetur purus sit amet fermentum.



Lorem Ipsum Dolor Sit Amet, Consectetur

[Lorem Ipsum Dolor](#) [Aliquet Ultracorper](#)



10 Feb 20

Share [in](#) [f](#) [t](#) [e](#)

An Introduction

Etiam porta sem malesuada magna mollis euismod. Aenean eu leo quam. Pellentesque ornare sem tacinia quam venenatis vestibulum. Donec ultracorper nulla non metus auctor fringilla. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed posuere consectetur est at lobortis.

Fusce dapibus, tellus ac cursus commodo, tortor mauris condimentum nibh, ut fermentum massa justo sit amet risus. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas sed diam eget risus varius blandit sit amet non magna. Fusce dapibus, tellus ac cursus commodo, tortor mauris condimentum nibh.

Comparing Experiences, Not Just Price Tags

Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget tacinia odio sem nec elit.

• Aenean tacinia bibendum nulla sed consectetur.

Which best fits your loved one's current needs?

- Totally Independent
- A Little Help Wouldn't Hurt
- Full Time Assistance
- Decision & Memory Support

Assisted Living - It's still independent living, but with support when needed.

Condimentum	Inceptos Mattis Cras
Dolor Ornare Etiam	Inceptos Venenatis
Lorem Ipsum	Dolor Sit Amet

[Learn About Assisted Living](#) [Find a Community](#)

Linda's Story

Linda needed help taking care of her father lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt

NAMING CONVENTIONS.

Leave your developer brain at the door and use conventions that make sense to the marketing team.

- Connect elements to the business need, not the technical function.
- Billboard vs. Banner, Lead-In vs. Basic Copy

WYSIWYG CONFIG

Limit the need for a WYSIWYG by building clean, well-structured content types.

- When it is necessary, make sure it works as advertised.
- Use tools like Media Library to make it an integrated experience.

BUILD SPEC.

Don't start the build in Drupal. Use a document that is **easy to change to flesh out site structure and relationships early.**

Think through everything - field names, help text, required text, allowed values.

Fields				
	Label	Machine name	Req	Description
	Description	field_description	Y	
	Link	field_p_link	N	
	Description	field_description	N	
	Link	field_p_link	N	
	Background Color	field_bg_color	N	
	Featured Image	field_p_media_item	N	
	Quote	field_quote	Y	
	Attribution	field_attribution	Y	
	Attribution Description	field_attribution_description	N	
				Will have an expire time it will remove itself from
	Small Heading	field_small_heading	N	
	Heading	field_heading	Y	
	Link	field_p_link	Y	
			Y	
				Wrapper for tab content
	Label	field_label	Y	
	Content	field_p_tab_content	Y	
				Wrapper for tab content
	Label	field_label	Y	
	Content	field_p_tab_content	Y	
content				Wrapper for accodion co
	Label	field_label	Y	
	Content	field_p_accordion_content	Y	

**CHOOSE
YOUR
FORMAT.**

**The format
matters less than
the content.**

**Spreadsheet,
UML, Freehand.**

**With architecture planned
and admin roles defined,
it's time to **move on to the
build.****

IMPLEMENTATION

START WITH CORE.

Drupal core has a some great modules built right in to get us started making a great admin experience.

CLARO

A clean, accessible
and powerful
administration
theme that ships in
core starting with
8.8

Home > Node > Add content

Create Article

Title *

Main Content











Details

Meta

Intro

- No HTML tags allowed.
- Lines and paragraphs break automatically.
- Web page addresses and email addresses turn into links automatically.

Body ([Edit summary](#))

B *I*           | Format ▾ | Styles ▾

Save as:

Draft



MEDIA & MEDIA LIBRARY

Create re-usable, browsable, searchable media libraries for admins to quickly find the asset they need.

Add or select media

Image

File

Remote video

SVG

▼ Add file

Add a new file

Choose File No file chosen

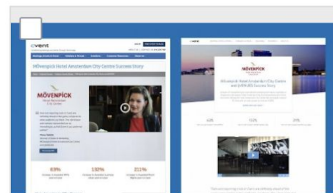
One file only.
256 MB limit.
Allowed types: png gif jpg jpeg.

Name

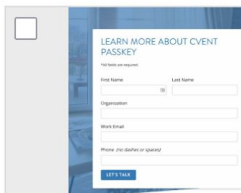
Sort by

Newest first ▼

Grid Table



1400x725_CVN_BeforeAfter.jpg



900x900_CVN_Form.jpg

Insert selected

LAYOUT BUILDER

Visual design tool
for custom drag and
drop layouts.

✕ [Configure Section 8](#)

→ **CONTENT PLANNING**

The answer is not always more, sometimes it's more about doing more with less by curating existing content.

+ Add block

→ **T**

Y
w
te
n

CUSTOM BLOCKS

Create “LEGO”
blocks to design
pages

Blocks

Block types

Each block type has its own fields and display settings. Create blocks of each type

[+ Add custom block type](#)

Block type	Description
Basic block	A basic block contains a title and a bo
Billboard	
Block Reference	Allows an embed of a single block with
Case Study Grid	
Case Study Teaser	
Drift Bot	Embeds a single Drift "landing page" w
Featured Content	

LOOK TO THE COMMUNITY.

The Drupal.org is full of exceptional modules that take a site's admin experience to the next level.

PARAGRAPH BROWSER

Give admins a visual understanding of the content they are inserting.

https://www.drupal.org/project/paragraphs_browser

Browse

Filter

All



Search

simple paragraph ...

Simple

Content

OUR SOLUTIONS

Lorem ipsum dolor sit amet, consectetur adipiscing elit

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud.

[Why Flexential ▶](#)

Add

HAVE QUESTION?
Let our customer help decide which product

NEW REPORT
Hybrid IT and The Bo
Hybrid IT models can be assembled
company and can most certainly help
infrastructure risk. The key is to understand
about your workloads before you migrate.

Download this ebook to learn more
and the advantage of Hybrid IT models.

Flexential held our hands from being
a source of work and promoting
flexibility for them, one by one. They
for us that was painless and efficient.

FIELD GROUP

Organize content entry for admin for a clear understanding of what they are editing.

https://www.drupal.org/project/field_group

Title *

Resource Type *

Header

Content

Gated

Related Content

Archive

By Line

Attribute this content to a person/client. (i.e.

Image

No Image added yet.

Add Image

LAYOUT BUILDER MODAL

Edit layout builder
content in a modal
window

https://www.drupal.org/project/layout_builder_modal

The screenshot shows the 'Configure block' modal window in Drupal's Layout Builder. The modal is overlaid on a page editor showing a blue header block with the text 'B2B DIGITAL STRATEGY DRUPA DEVELOPMENT AGENCY' and a downward arrow. The modal's title bar includes navigation icons for Appearance, Extend, Configuration, People, Reports, and Help. The main content area is titled 'Configure block' and shows the component is a 'Decision Block'. There is an unchecked checkbox for 'Display title'. Under 'Segment settings', a dropdown menu is set to 'AEM_Q2'. Below this is a 'Configure Reactions' section with 'Segment Personalized' selected. It lists 'Display the following blocks' and shows a configuration for 'Block description' with the title 'AEM - Homepage - Header - Personalized' and a text input field containing the same text. There is another unchecked checkbox for 'Display title' and a dropdown menu for selecting a block. An 'Add Block' button is at the bottom of the modal. At the very bottom of the page editor, there are buttons for 'changes', 'Revert to defaults', and a checked checkbox for 'Show content preview'.

Appearance Extend Configuration People Reports Help

Configure block

Component: Decision Block

Display title

▼ Segment settings

AEM_Q2

Configure Reactions

Segment Personalized

Display the following blocks

- ✚ Block description
AEM - Homepage - Header - Personalized
Title *
AEM - Homepage - Header - Personalized

Display title

- Select a block -

Add Block

changes Revert to defaults Show content preview

MEDIA LIBRARY THEME RESET

Helps alter media
libraries theme
when used in layout
builder / layout
builder modal.

https://www.drupal.org/project/media_library_theme_reset

Add or select media

Image

File

Remote video

SVG

▼ Add file

Add a new file

Choose File No file chosen

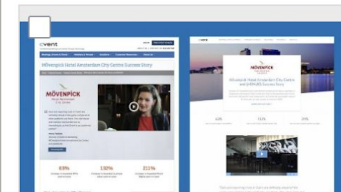
One file only.
256 MB limit.
Allowed types: png gif jpg jpeg.

Name

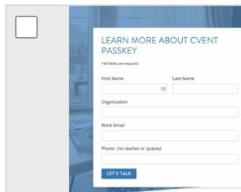
Sort by

Newest first ▼

Grid Table



1400x725_CVN_BeforeAfter.jpg



900x900_CVN_Form.jpg

Insert selected

LAYOUT BUILDER BROWSER

Organize blocks into
categories, quickly
add visual icon

https://www.drupal.org/project/layout_builder_modal



Choose a block



Filter by block name

▼ Header



Page Title



Billboard

Headline

▼ Default

LAYOUT BUILD RESTRICTIONS

Restrict layouts and blocks allowed per content type

https://www.drupal.org/project/layout_builder_restrictions

Layout options

- Use Layout Builder
You must revert all customized layouts of this display before you can disable this option.
- Allow each content item to have its layout customized.
You must revert all customized layouts of this display before you can disable this option.

> Blocks available for placement

Layouts available for sections

- Allow all existing & new layouts.
- Allow only specific layouts:



One column



One column



ENTITY EMBED & ENTITY BROWSER

Allow admin to
embed entities into
WYSIWYG

https://www.drupal.org/project/entity_embed
https://www.drupal.org/project/entity_browser

Body (Edit summary)

B

Select content to embed

View

Title

Project Number

Apply

TITLE

DER: Science to Policy Workshop

Research Needs to Optimize Wastewater Resource Utilization

Assessing Bioavailability of Metals in Biosolids-Treated Soils

Estimating Plant-Available Nitrogen in Biosolids

Management Practices of Nonpotable Water Reuse

Phosphorus Credit Trading in the Fox-Wolf Basin: Exploring Legal, Economic and Technical Issues

Nitrogen Credit Trading for Long Island Sound Watershed

Critical Research Needs for Understanding Ecosystem Risks from Multiple Stressors

body

LINKIT

Adds autocomplete
link field to
WYSIWYG

<https://www.drupal.org/project/linkit>

Link

URL

Link text

pers

Content - Resource

5 Powerful Personalization Plays For Drupal
Pages

Anonymous Personalization Without Leaving Drupal
Pages

DemandGen + Drupal Personalization: Amplify your Outre
Pages

How to Unlock the ABM Black Box with Personalization
Pages

Personalization - 4 Things You Need to Know
Pages

Power Website Personalization with Drupal+
Pages

ALLOWED FORMATS

Limit the editors an admin has access to per field

https://www.drupal.org/project/allowed_formats

Allowed formats


- Heading
- Basic HTML
- Full HTML
- Plain text

Restrict which text formats are allowed, given the user has the required permissions.

▼ Default value

The default value for this field, used when creating new content.

Body ([Edit summary](#))

B *I* | Styles ▾ |  Source

CKEDITOR HEIGHT

Force CKEditor to
respect row value.

<https://www.drupal.org/project/Ckeditorheight>

Widget settings: **Text area (multiple rows)**

Rows *

Text editors (like CKEditor) may override this setting.

Placeholder

Text that will be shown inside the field until a value is entered. This hint is usually a sample value or

- Hide the help link *About text formats*.
- Hide text format guidelines.

Update

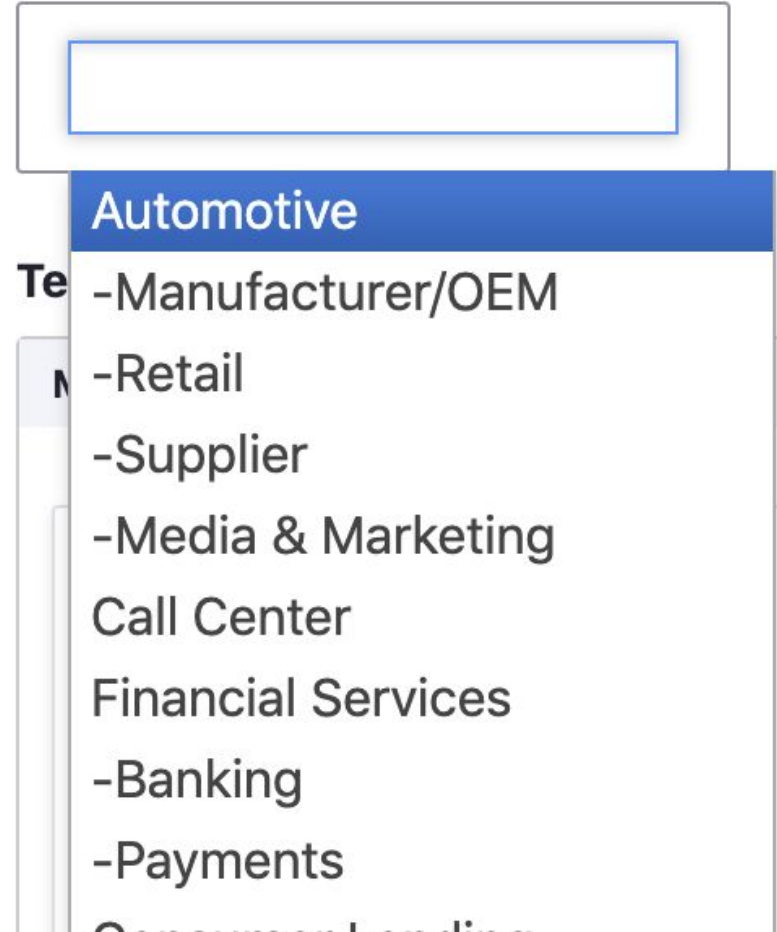
Cancel

CHOSEN

Improve select list
that have long list of
choices.

<https://www.drupal.org/project/chosen>

Industries *



The image shows a screenshot of a web form. At the top, there is a label 'Industries *' in black text. Below it is a white rectangular input field with a blue border. A dropdown menu is open below the input field, displaying a list of industry categories. The first item, 'Automotive', is highlighted with a blue background. The list includes: 'Automotive', '-Manufacturer/OEM', '-Retail', '-Supplier', '-Media & Marketing', 'Call Center', 'Financial Services', '-Banking', and '-Payments'. The text 'Te' and 'M' are partially visible to the left of the dropdown menu.

- Automotive
- Manufacturer/OEM
- Retail
- Supplier
- Media & Marketing
- Call Center
- Financial Services
- Banking
- Payments

PERSONAL TOUCH.

**Take the admin experience
further with a few custom
tweaks.**

DRAGGABLE PARAGRAPHS

Added Dragula JS
to paragraphs for
easier re-ordering of
content.

Content

REFERENCE BLOCK

Homepage Map

LAYOUT 2 COLUMN

Heading

Broad, end-to-end product portfolio

Description

Flexential's full suite of data center capabilities provide long-term v

COMPOUND FORM

Form

Marketo Form:

2-Step Embedded Form

Content

Add Component

LAYOUT BUILDER MODAL THEME

Because layout builder and modal use the active theme – moved/copied appropriate CSS / JS / templates to active theme for better, more consistent experience

Configure block

Heading

B *I* | Styles ▾ |  Source

Description

B *I*     |  | Format ▾ | Styles ▾ |  Source 

Elevated Third blends strategic thinking with technical *doing* to solve enterprise B2B pr

From [ABM](#) and [martech integration](#) to [Drupal websites](#) and [personalization](#)—we're the o
get it done.

Link

URL

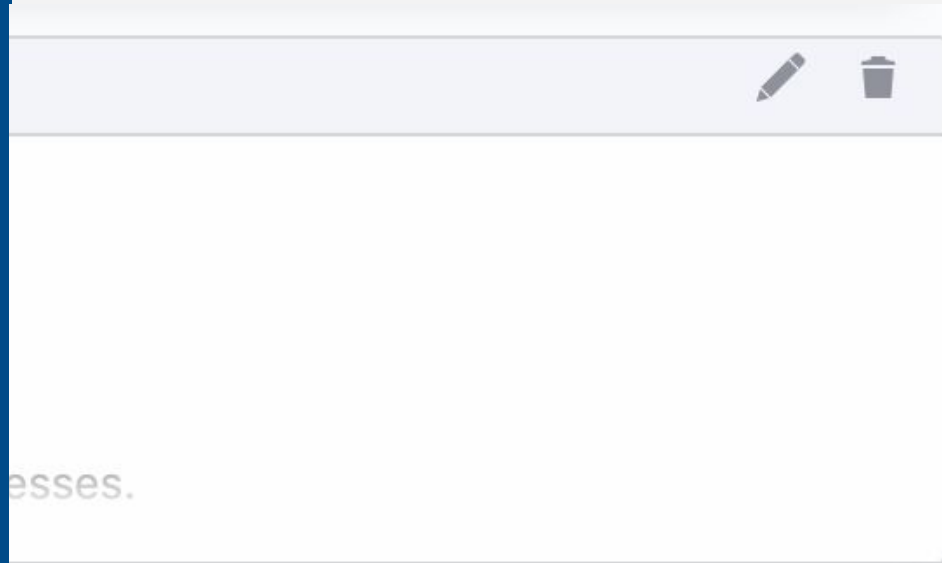
Link text

Start typing to find content or paste a URL and click on the suggestion below.

Update

PARAGRAPH BUTTON STYLES

Turn buttons into
icons to take up less
vertical screen space



COLLAPSIBLE PARAGRAPHS

Show only a preview of a paragraph and allow the admin to expand to see more. Creates less vertical space and allows admin to see more content.

Content

REFERENCE BLOCK

Homepage Map

LAYOUT 2 COLUMN

Heading

Broad, end-to-end product portfolio

Description

Flexential's full suite of data center capabilities provide long-term v

COMPOUND FORM

Form

Marketo Form:

2-Step Embedded Form

Content

Add Component

NODE PAGE THEMING

Changed save /
preview button to
be sticky for easy
access on long
content pages.

Home > Node > Add content

Create Article

Title *

Main Content







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Body [\(Edit summary\)](#)

B *I*       | Format ▾ | Styles ▾

Save as:

Draft



ADMINKIT

Elevated Third's admin theme that is based on Claro includes the custom features we talked about.

https://www.drupal.org/project/paragon_adminkit

Download & Extend

[Drupal Core](#) [Distributions](#) [Modules](#) [Themes](#)

Paragon Adminkit

[View](#) [Edit](#) [Version control](#) [View history](#) [Maintainers](#) [Automated testing](#)

By [michaellander](#) on 9 July 2019, updated 18 September 2019

This project is not covered by Drupal's [security advisory policy](#).

Supporting organizations:
Elevated Third



Project information

38 sites report using this theme

This project is not covered by the [security advisory policy](#).
Use at **your own risk!** It may have publicly disclosed vulnerabilities.

Downloads

8.x-1.0-alpha6 released 30 April 2020
Requires Drupal: 8.x
↓ [tar.gz \(87.17 KB\)](#) | [zip \(109.53 KB\)](#)

Development version: **8.x-1.x-dev** updated 29 Apr 2020 at 02:44 UTC

[View all releases](#)
[Add new release](#)
[Administer releases](#)
[Report as spam](#)

Now that you've built a fancy, well-architected admin UI. Take the time to actually test it!

QA & TESTING

TEST IT RIGHT

Log in as an actual user with the role.

Test common tasks for each role.

Consider a UAT plan.

ONGOING OPTIMIZATION

The admin UX is never over. Admins are likely the most active users in your site. Take the opportunity to consistently improve.

TEST
IMPROVE
REPEAT

**Collect feedback
from your users.**

**Apply updates
based on that
feedback.**

**Never stop
improving!**

THANKS.



Let us know what you think:

<https://www.surveymonkey.com/r/DCGlobal20SessionEval?title=AdminUX&id=30921>

Stop by our booth:

[#Event/expo/51475](#)