



**DRUPALCAMP** GHENT 2016  
GROW SOME IDEAS

# Geysir

Enhancing the Drupal Author Experience.

Jan Lemmens - AMPLEXOR



# What is Geysir?

An off-the-shelf Drupal module aiming to enhance UX for authors by introducing an improved UI layer for the most critical tasks.

is UX important?

*“Drupal lacks usability in key areas which impact non-technical users like authors, content editors, and marketers.”*

authors?

# Who are the authors?

Authors are the actual end users of most CMS, providing and maintaining content on a daily basis. They are mostly non-technical.

daily tasks?

# page building

#1 critical task for web authors





KdG

Karel de Grote  
Hogeschool

“The content of the website is highly editorial, there’s not much content reuse.”

“The pages have distinct content so in general the editors builds the pages from scratch and every page has it’s own layout.”

“Graphic design is done.”

[Home](#) > [Opleidingen](#) > [Bachelor](#) > [Bedrijfsmanagement](#) > Accountancy-Fiscaliteit

# Accountancy-Fiscaliteit

## Afstudeerrichting van 'professionele bachelor Bedrijfsmanagement'

- ✓ Cijfers leren analyseren en interpreteren, daar begint het allemaal mee. Alleen zo ontdek je het verhaal achter de cijfers.
- ✓ Onze docenten weten waarover ze spreken: ze hebben zelf ervaring in het bedrijfsleven. Ze leggen je de theorie uit aan de hand van een massa praktijkvoorbeelden.
- ✓ Tijdens je opleiding leer je de bedrijfswereld steeds beter kennen, via casussen en projecten, seminars en gastlezingen. Klap op de vuurpijl: je stage.
- ✓ Small is beautiful: verschillende vakken volg je in kleine groepen. En dankzij gespreide evaluaties en examens kom je nooit voor grote verrassingen te staan.
- ✓ Een bachelordiploma in het Bedrijfsmanagement opent heel wat deuren. We zijn er gerust in: jij vindt je weg wel.

### Nog vragen?

Sophie Thoelen

[sophie.thoelen@kdg.be](mailto:sophie.thoelen@kdg.be)

+32 3 613 16 54



Brochure [downloaden](#)  
of [bestellen](#)

Hoe ziet de opleiding eruit?

Voor wie?

Waar heb je les?

Na je studie

Flexibel studeren

Inschrijven

## Hoe ziet de opleiding eruit?

# web page quality



1. accessible
2. informative/story telling
3. fast
4. consistent
5. easy to manage

KdG Karel de Grote Hogeschool

Opleidingen    Onderzoek en expertise    Contact    Zoeken

Home > Vacatures > Vacaturendatabank

## Vacaturendatabank

**Filteren**

- Alle
- Administratie en secretariaat
- Creative en artistieke beroepen
- Financiële en juridische sector
- Gezondheidszorg
- HR management
- ICT en multimedia**
- Onderwijs
- Sales, marketing en communicatie
- Sociale en culturele sector
- Techniek, chemie en productie
- Transport, logistiek en distributie
- Andere


Toon enkel vacatures bij KdG

40 vacatures voor "ICT en multimedia"

<b>Xamarin developer</b> b  Beepje <a href="#">Meer info</a>	Gepost op 07 september 2016
<b>Ruby on Rails developer</b> b  Beepje <a href="#">Meer info</a>	Gepost op 07 september 2016
<b>Senior digital marketeer Retail Partners Colruyt Group</b> b  Colruyt Group <a href="#">Meer info</a>	Gepost op 06 september 2016
<b>Topstarter in IT Infrastructure &amp; Cloud</b> b  Planet Talent <a href="#">Meer info</a>	Gepost op 06 september 2016
<b>Topstarter in Sales</b> b  Planet Talent <a href="#">Meer info</a>	Gepost op 06 september 2016

structured

Hoe ziet de opleiding eruit?    Voor wie?    Waar heb je les?    Na je studie    Flexibel studeren    Inschrijven




## Waar heb je les?

Heb jij even geluk: Je studeert in hartje Antwerpen, op de hypermoderne Stadscampus Groenplaats. Veel beter wordt het niet! Met je laptop in de les, het studielandschap, de lounge en theView, onze hippe studie- en ontmoetingsruimte. En uiteraard is er overal wifi!

Een plek die nóg centraler ligt, is moeilijk denkbaar: met zicht op de kathedraal en de Groenplaats. Ook fijr: de Kammerstraat en de Nationalestraat zijn vlak om de hoek. Op weg naar huis winkelen op de Meir? Hooft erbij. Om van de vele terrasjes en eethuiskes nog te zwijgen ...

**Stadscampus - Groenplaats**  
 Nationalestraat 5  
 2000 ANTWERPEN  
 +32 3 613 16 00  
[info.hebik@kdg.be](mailto:info.hebik@kdg.be)  
[Meer info](#)



unstructured

Workbench   Structuur   Uiterlijk   Personen   Modules   Instellingen   Rapportages

**Titel \***  
 Medewerk(st)er Internationale Relaties H&B (International Relatio

**Taal**  
 Nederlands ▾

Vacature @KdG  
 Indicate whether this vacancy is internal at KdG.

**Bedrijf**  
 Karel de Grote Hogeschool

**Sector \***  
 Administratie en secretariaat ▾

**Publicatiedatum \***

**Datum**  
 16/08/2016  
 Bijvoorbeeld: 30/08/2016  
 Publicatiedatum zichtbaar voor de bezoeker.

**Bestand**  
 Bladeren  
 Bestandsbijlage met meer info over de vacature.

**Externe URL**  
 http://candidate.cvwarehouse.com/ApplicationForm.aspx?jobid=  
 External webpage with more information about this vacancy. If filled in, make sure the file field is empty (previous field).

template

B I S x<sup>2</sup> x<sub>2</sub> I<sub>x</sub> [List] [Table] [Quote] [Image] [Link] [Code] Normal ▾ [Image] [Image] Source

When you pack so many pixels into a display — over 4 million on the 13-inch model and over 5 million on the 15-inch model — the results are positively stunning. The **pixel density** is so high, your eyes can't discern individual pixels. Images take on a new level of realism. A spectacular 2560-by-1600 resolution on the 13-inch **MacBook Pro** and an equally impressive **2880-by-1800 resolution** on the 15-inch MacBook Pro let you see more of your high-resolution images with pixel-for-pixel accuracy. And text is so sharp, you'll feel like you're reading email, web pages, and documents on a printed page.



*“ The Retina display reduces glare while maintaining incredible color and quality. Its high contrast ratio results in blacker blacks and whiter whites. And everything in between is rich and vibrant. IPS technology gives you a wide, 178-degree view of everything on the screen, so you'll see the difference at practically any angle. And you're going to love what you see. ”*

body p

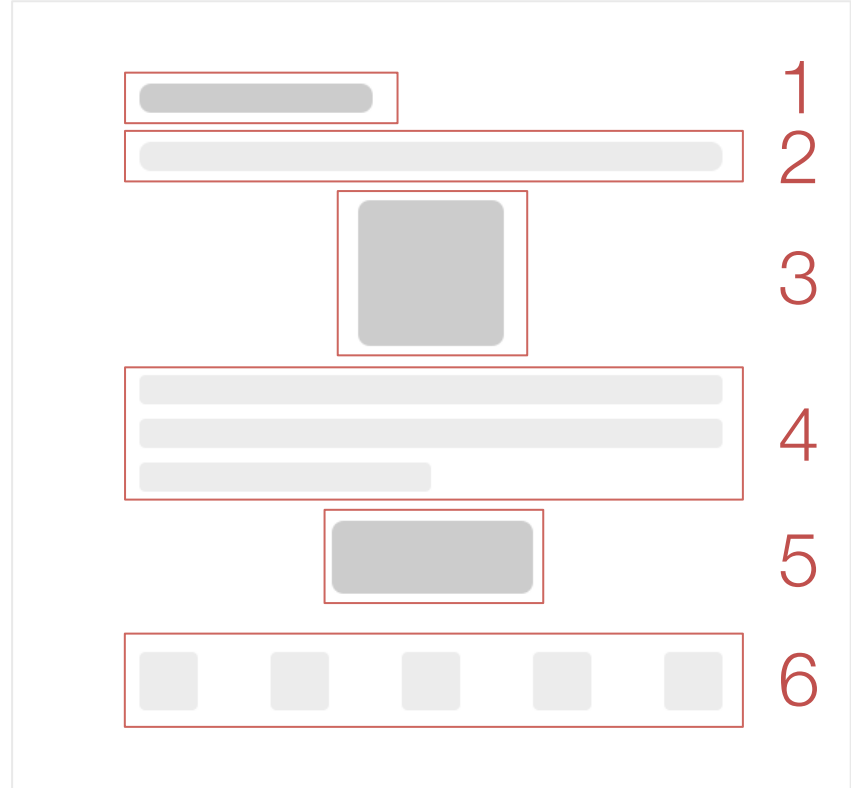
Text format Full HTML ▾ [About text formats](#) ⓘ

full rich text

# template approach

Page consists of a fixed number of elements with a fixed order.

- ✓ accessible
- ✗ informative/story telling
- ✓ fast
- ✓ consistent
- ✗ easy to manage



# full rich text approach

1 single rich text editor to manage entire page.

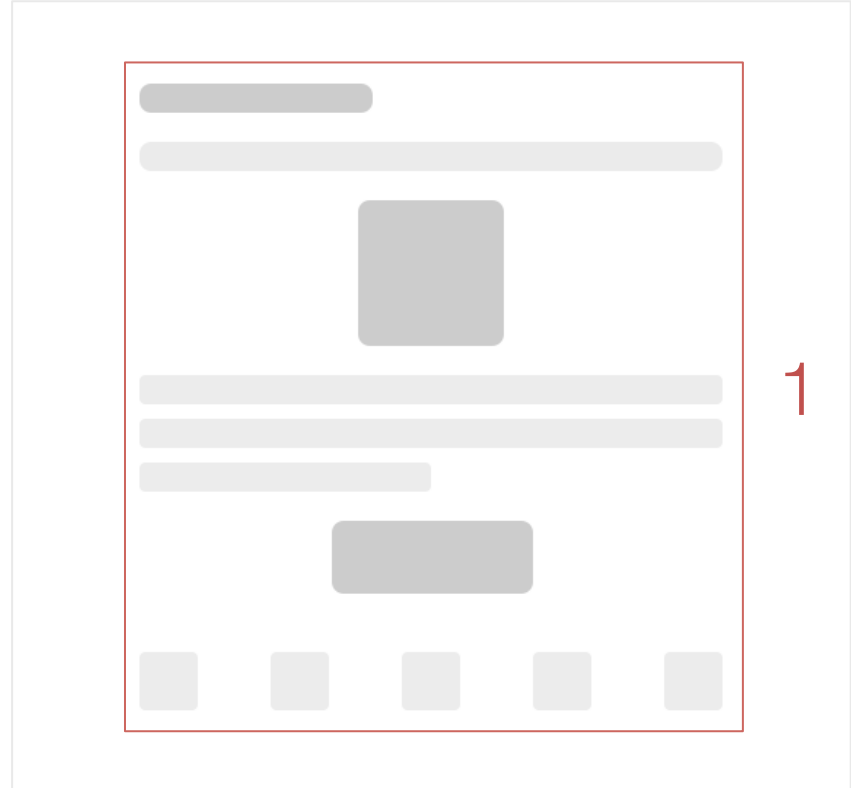
✘ accessible

✔ informative/story telling

✘ fast

✘ consistent

✘ easy to manage





structure

flexibility

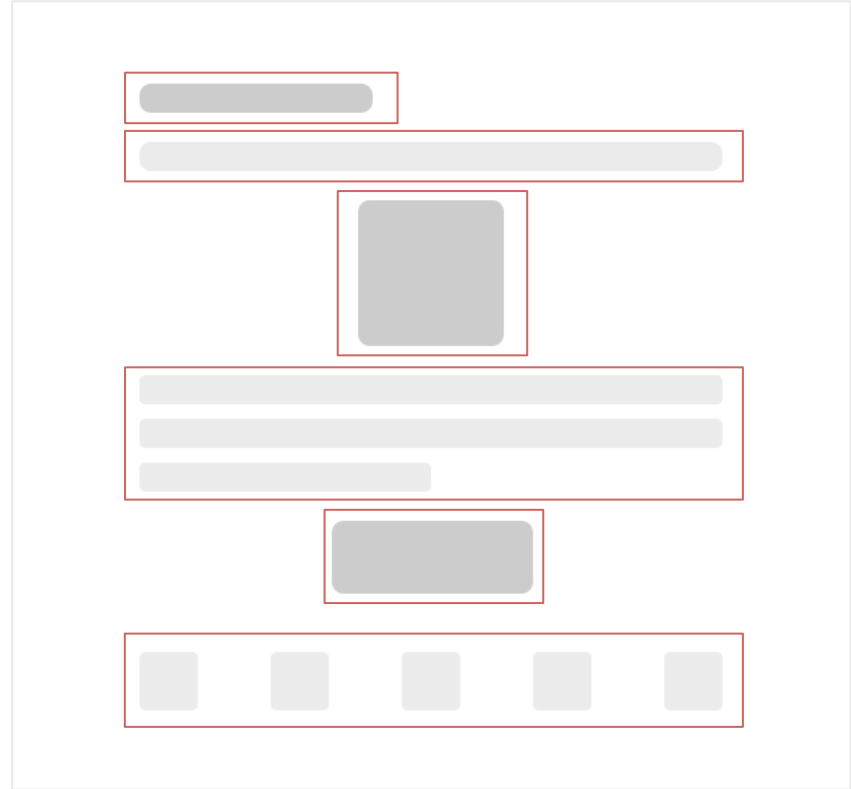


the “components” approach

# components approach

Page consists of a variable number of elements with a variable order, each having its own template.

(Paragraphs module)



# text

## International Office - Central Office

[international@kdg.be](mailto:international@kdg.be)

- **Head of International Office:** [sofie.schoonbaert@kdg.be](mailto:sofie.schoonbaert@kdg.be) - +32 3 613 13 79
- **Inter-institutional agreements / Incoming exchange students :** Remo Herzog  
- [international@kdg.be](mailto:international@kdg.be) - +32 3 502 21 83
- **Outgoing Student Exchange (Study abroad):** [international@kdg.be](mailto:international@kdg.be) - +32 3 502 21 83
- **Outgoing Student Exchange (Internship abroad) / Key user Mobility**  
Online: [kim.snelders@kdg.be](mailto:kim.snelders@kdg.be) - +32 3 613 13 59
- **International Projects:** [maayke.nabuurs@kdg.be](mailto:maayke.nabuurs@kdg.be) - +32 3 613 13 58
- **Staff mobility exchange:** [TSM@kdg.be](mailto:TSM@kdg.be)

# image



**Auto Experience Week:** een week lezingen, bedrijfsbezoeken en ateliers door auto-professionals uit binnen- en buitenland.

# video



**"Here we like to go where life takes us ..."**

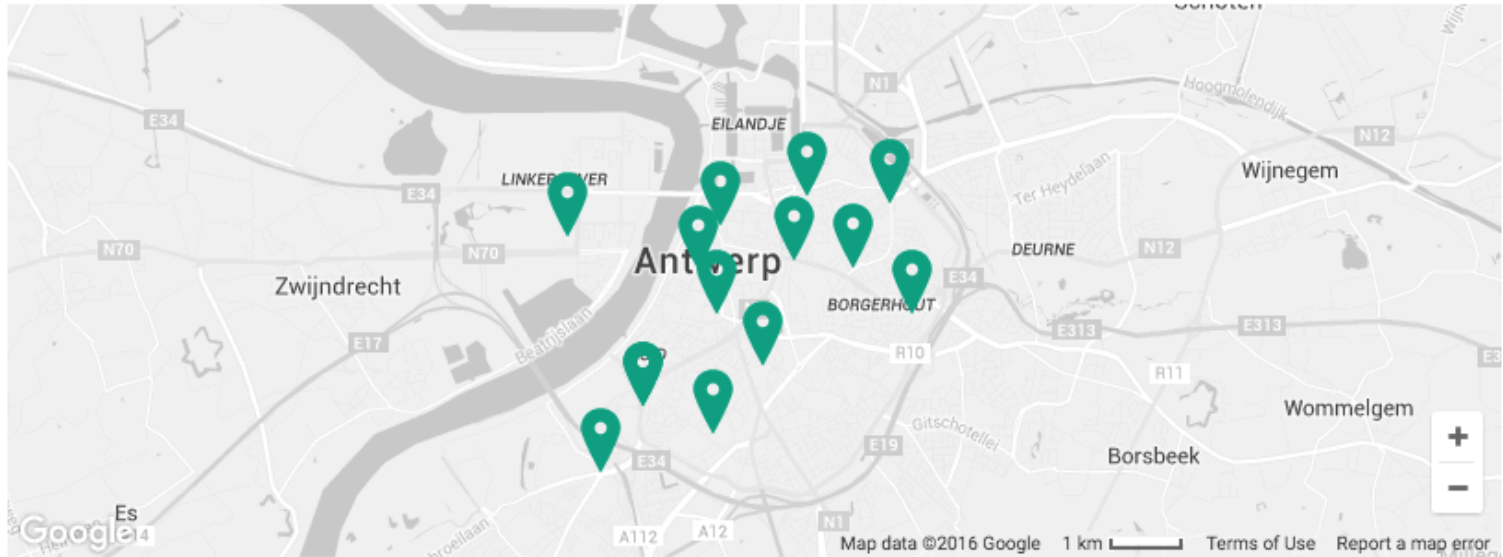
Enjoy our video of Atypical Antwerp.

# Call-To-Action

**Do you want to make use of our expertise for your project?**

[Contact us](#)

# Map





# Quote

“ Antwerp is Europe’s place to be. Appreciated by fashion moguls, club queens, art lovers and diamond dealers. Belgium’s capital of cool and the country’s second biggest city once again revels in fame and fortune.

Even Lonely Planet is a big fan of Antwerp

# Columns

## Antwerp, Belgium

---

- A city buzzing with culture, nightlife, bars and restaurants
- Public transport will take you to Ghent, Brussels and Bruges
- High speed trains to reach Brussels, Paris, London and Amsterdam in less than 2 hours
- International airports of Brussels and Charleroi (low cost) carry you to all major cities in Europe and the world



"Here we like to go where life takes us ..."  
Enjoy our video of Atypical Antwerp.

“ Antwerp is Europe’s place to be. Appreciated by fashion moguls, club queens, art lovers and diamond dealers. Belgium’s capital of cool and the country’s second biggest city once again revels in fame and fortune.

Even Lonely Planet is a big fan of Antwerp

# Tabs

Hoe ziet de opleiding eruit?

Voor wie?

Waar heb je les?

Na je studie

Flexibel studeren

Inschrijven

## Na je studie

### Aan het werk

- Je bent gegeerd op de arbeidsmarkt!
- Je doet een job die je erg ligt. Prettige bijkomstigheid: de sector betaalt goed.
- Vraag het maar aan je voorgangers: onze afgestudeerden hebben een uitstekende reputatie in de bedrijfsweld.
- Je kunt meteen aan de slag in labo's en onderzoekscentra, bij milieudiensten van de overheid, in bedrijven ...
- Enkele concrete voorbeelden: laborant in de voedingssector, kwaliteitsverantwoordelijke in een brouwerij, voedselinspecteur, coördinator bij afvalbeheer.

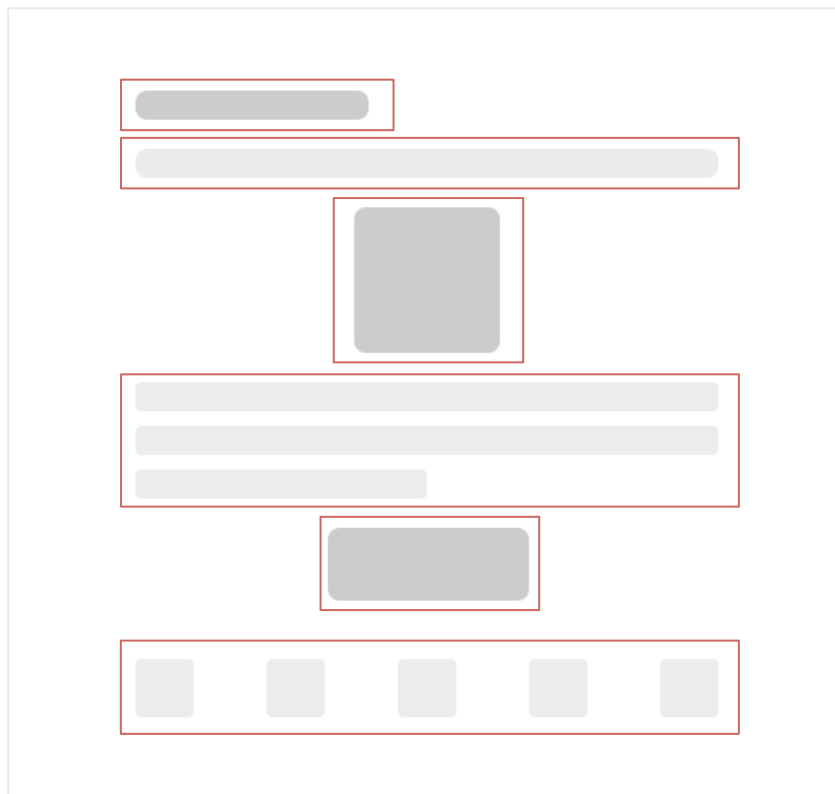
### Verder studeren

- Via een schakelprogramma stroom je vlot door naar de **master** Industrieel Ingenieur Blochemie / Chemie.
- **Extra bachelor?** Binnen dezelfde opleiding kan je in 1 jaar tijd een **bijkomend bachelordiploma** behalen.
- Al gedacht aan **les geven**? Misschien is [Leraar Secundair Onderwijs \(Chemie\)](#) iets voor jou?

# components approach

Page consists of a variable number of elements with a variable order, each having its own template.

- ✓ accessible
- ✓ informative/story telling
- ✓ fast
- ✓ consistent
- ✗ easy to manage



# problems

frontend/backend switching

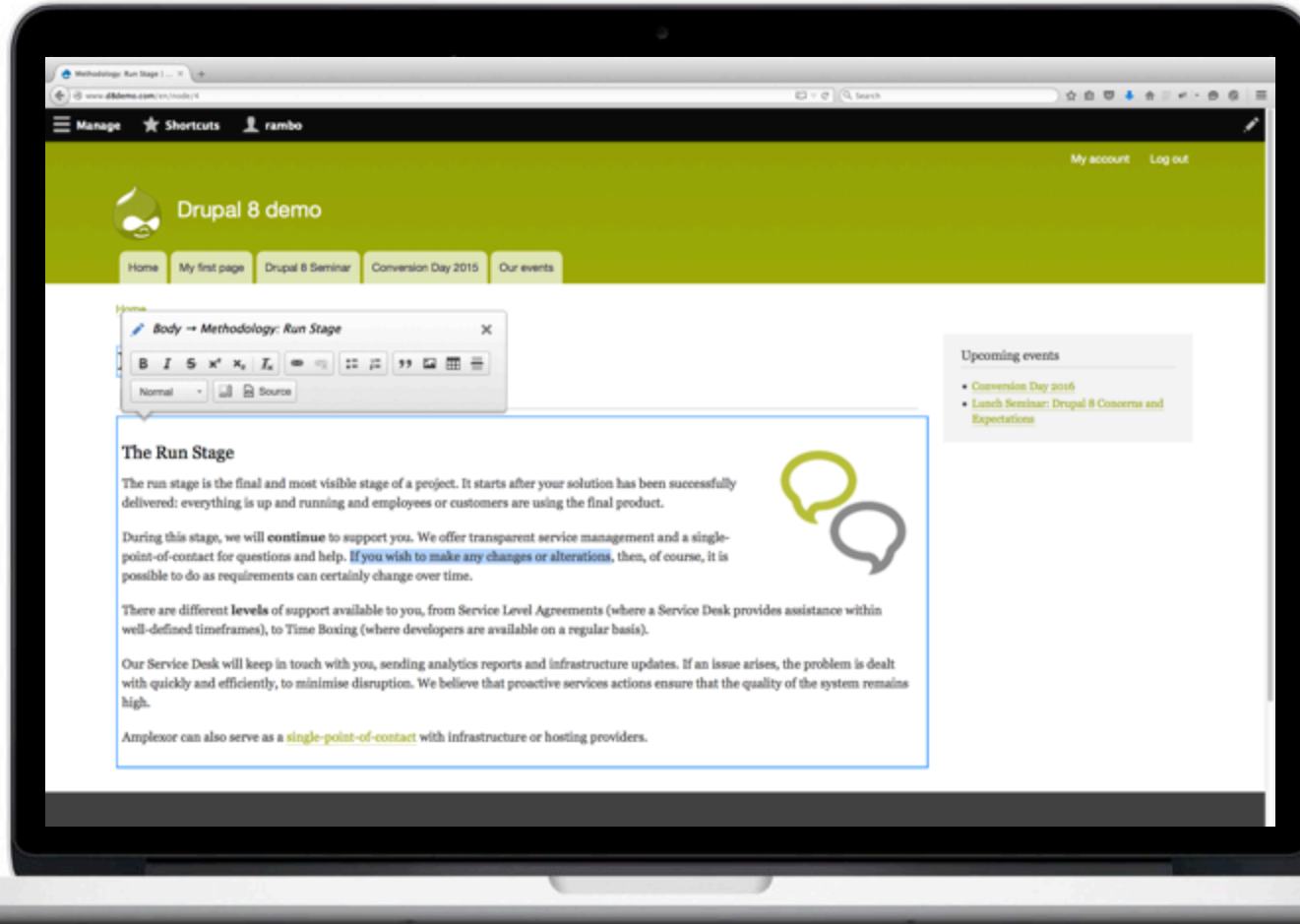
hard to preview

search corresponding component in backend

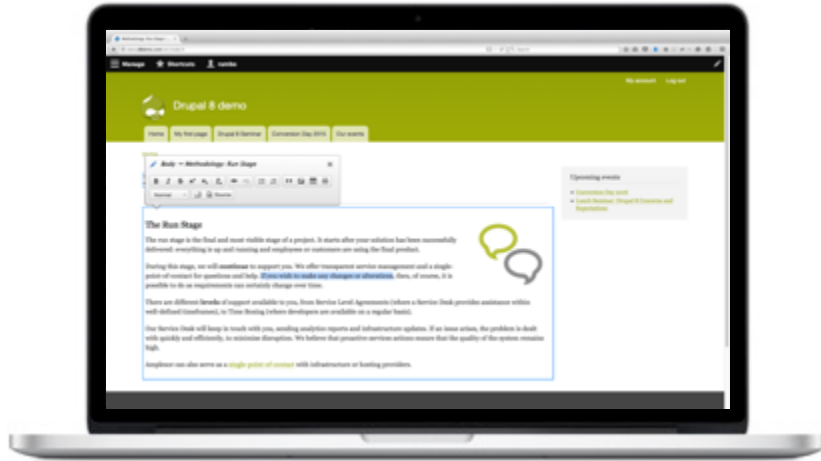
reordering problems

insert new components between other

# Drupal 8 – Quick Edit



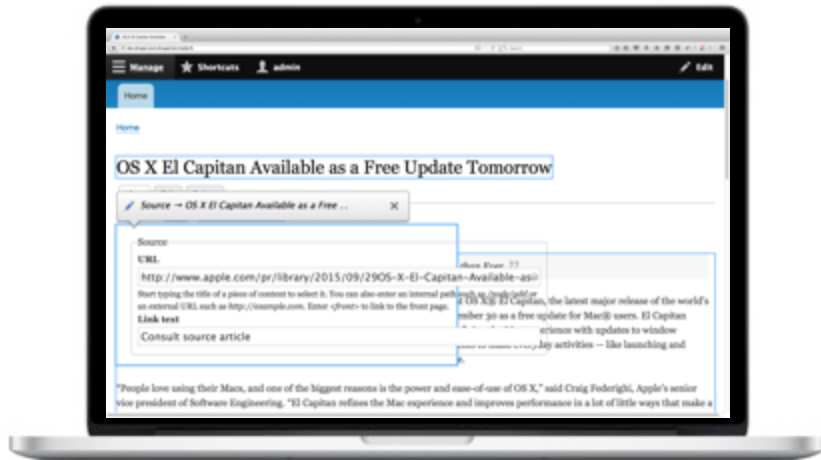
# Drupal 8 – Quick Edit



fast editing

great preview

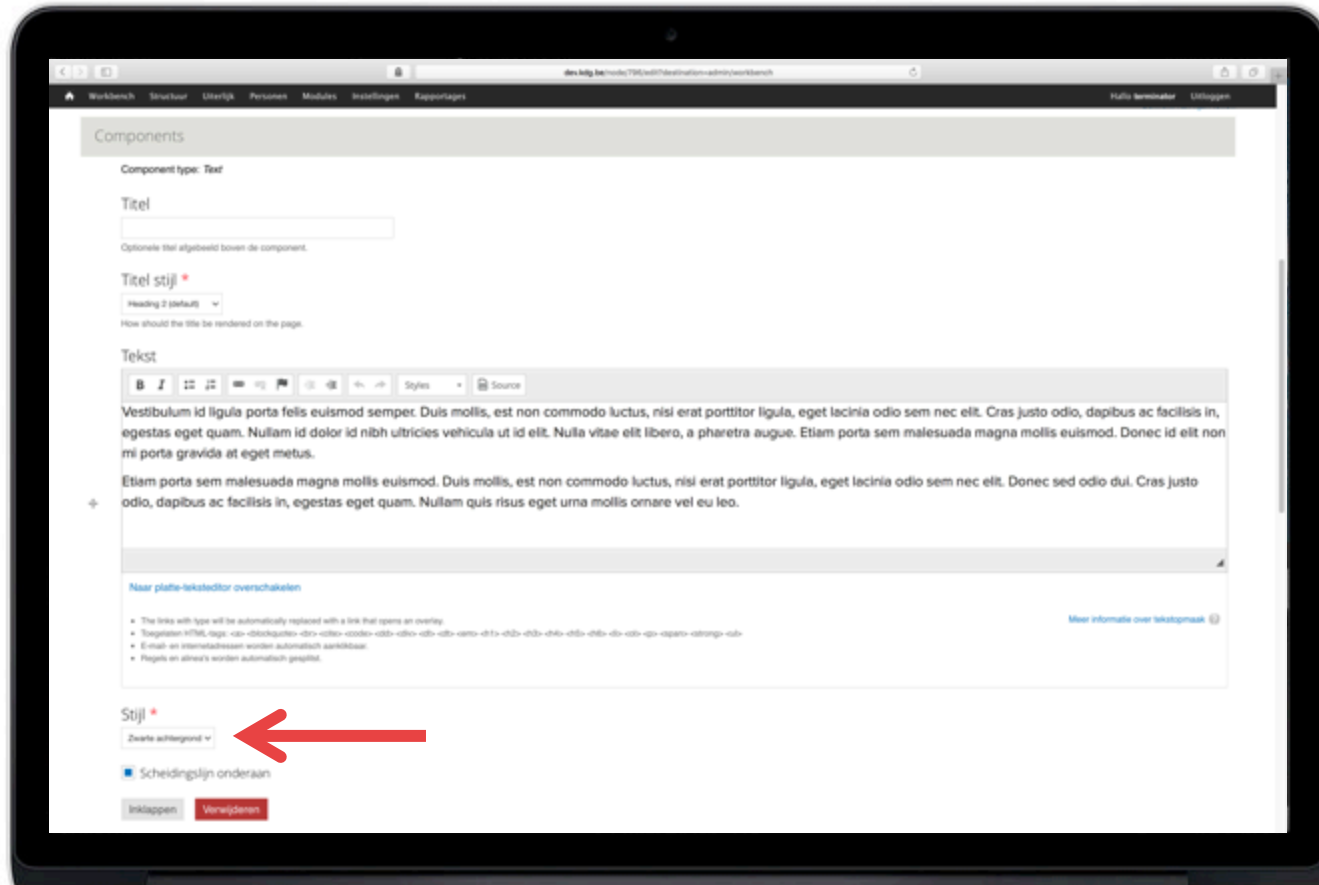
not only text fields



only works on existing pages

UI is confusing/buggy

# “invisible” fields





# Geysir



# goals

much faster content management

instant and accurate previews

easy to use

initial focus = page building

## Welcome to Geysir

Making use of content like blogs, podcasts, videos, eBooks, newsletters and whitepapers, we help you to attract the right people towards your business and keep them coming back for more. We ensure the right methodology and applications to generate marketing-qualified leads and improve the success of your sales teams.

Our extensive experience in localization will ensure your message is correctly translated and delivered to the world. Supported by the best technology, we deliver fast, consistent, and accurate multilingual content adjusted to each specific market or target.



## Welcome to Geysir

Making use of content like blogs, podcasts, videos, eBooks, newsletters and whitepapers, we help you to attract the right people towards your business and keep them coming back for more. We **ensure** the right methodology and applications to generate more marketing-qualified leads and improve the success of your sales teams...



Our extensive experience in **localization** will **ensure your message is correctly conveyed around the world**. Supported by the best technology, we deliver **fast, consistent, and accurate multilingual content adjusted** to each specific market or *target*.



Our standard consulting audit starts with a requirement phase, where we focus on the customer's global communication needs: from authoring to multilingual content delivery. Then, we follow to the status phase, which aims to build a picture of the current situation, understanding your main existing challenges and limits. At last, we deliver the final globalization audit where we define the recommendation road map for the business initiatives needed to reach the target situation.

With a clear view of all content management solutions and technology available on the market, and a complete understanding of your specific requirements, we are able to

## Welcome to Geysir

Making use of content like blogs, podcasts, videos, eBooks, newsletters and whitepapers, we help you to attract the right people towards your business and keep them coming back for more. We ensure the right methodology and applications to generate more marketing-qualified leads and improve the success of your sales teams.

Our extensive experience in localization will ensure your message is correctly conveyed around the world. Supported by the best technology, we deliver fast, consistent, and accurate multilingual content adjusted to each specific market or target.

we deliver fast, consistent, and

### Edit paragraph

Body

**B** *I* [List] [Link] [Image] [Heading 3] [Source]

Making use of content like blogs, podcasts, videos, eBooks, newsletters and whitepapers, we help you to attract the right **people** towards your business and keep them coming back for more. We ensure the right methodology and applications to generate more marketing-qualified leads and improve the success of your sales teams.

Our extensive experience in **localization** will ensure your message is correctly conveyed around the world. Supported by the best **technology**, we deliver fast, consistent, and accurate multilingual content adjusted to each specific market or target.

body h3

Text format Basic HTML [About text formats]

Save

# page building with Geysir

full page building in front-end

simple actions per component

immediate previews

touch-friendly

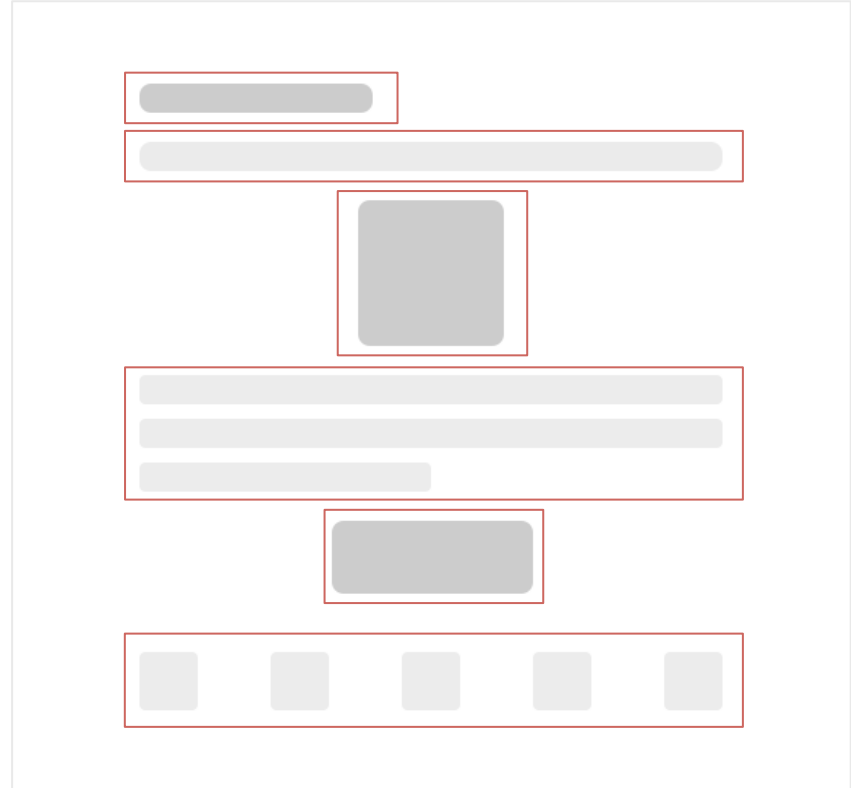
scalable

no configuration necessary

# Geysir

Extra UI layer for components.

- ✓ accessible
- ✓ informative/story telling
- ✓ fast
- ✓ consistent
- ✓ easy to manage



# technical aspects

builds upon proven contributed modules

using Paragraphs API

forms extend core ContentEntityTypeForm

new template for Paragraph fields

extensive use of Core Modal API

no custom data storage!



# Geysir module on drupal.org

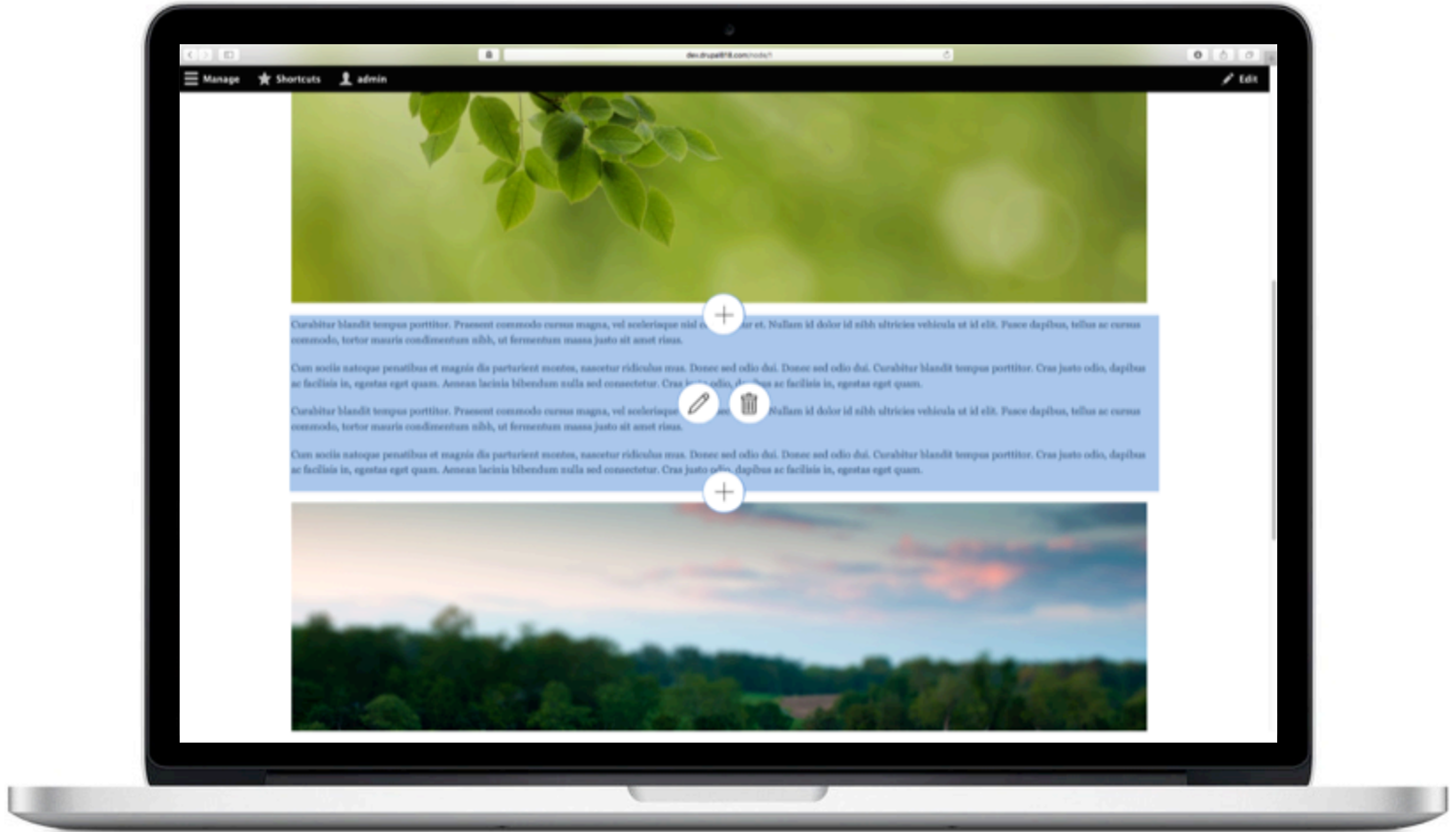
<https://www.drupal.org/project/geysir>

currently supports basic tasks

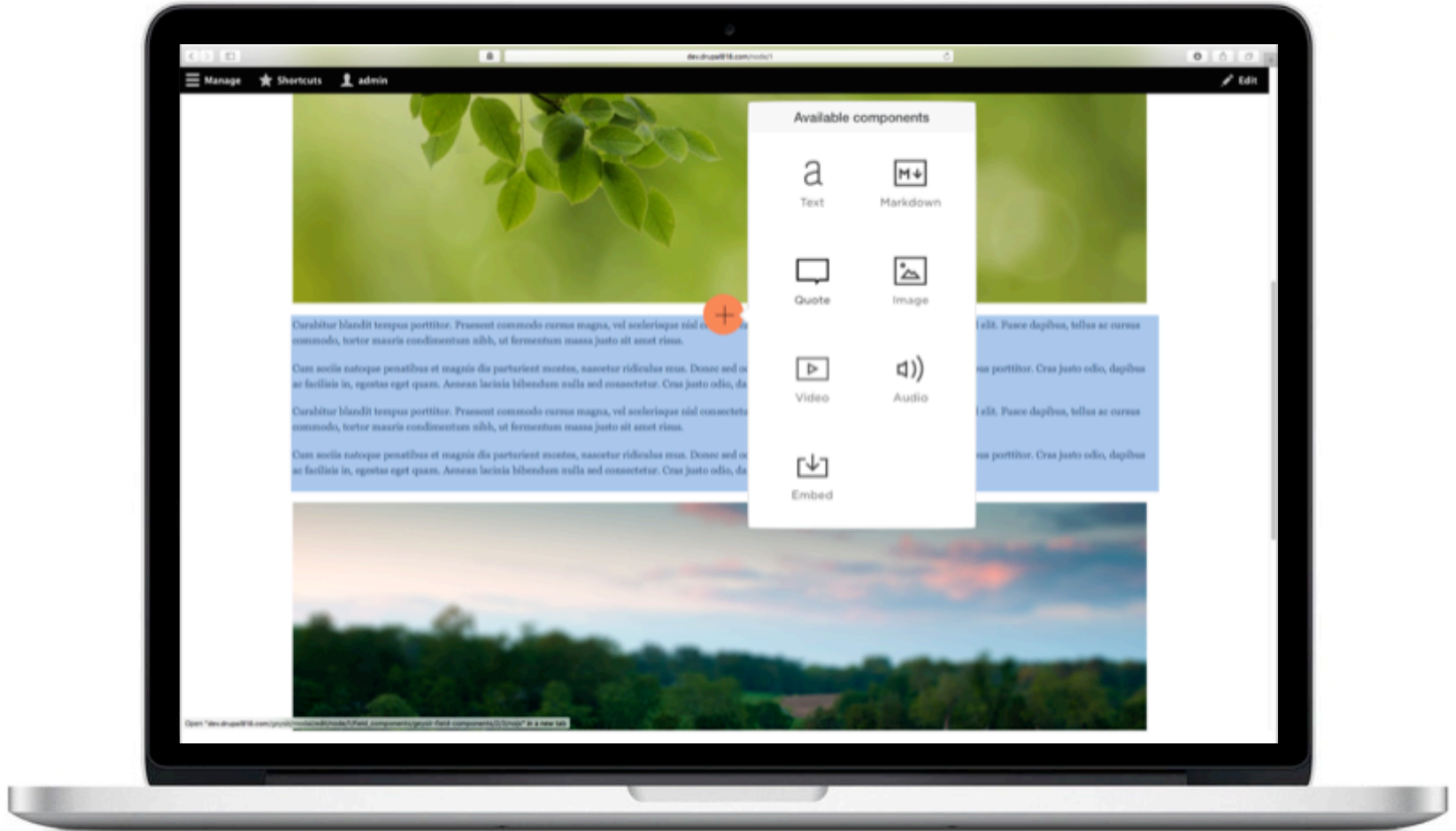
functionality added step-by-step

what's next?

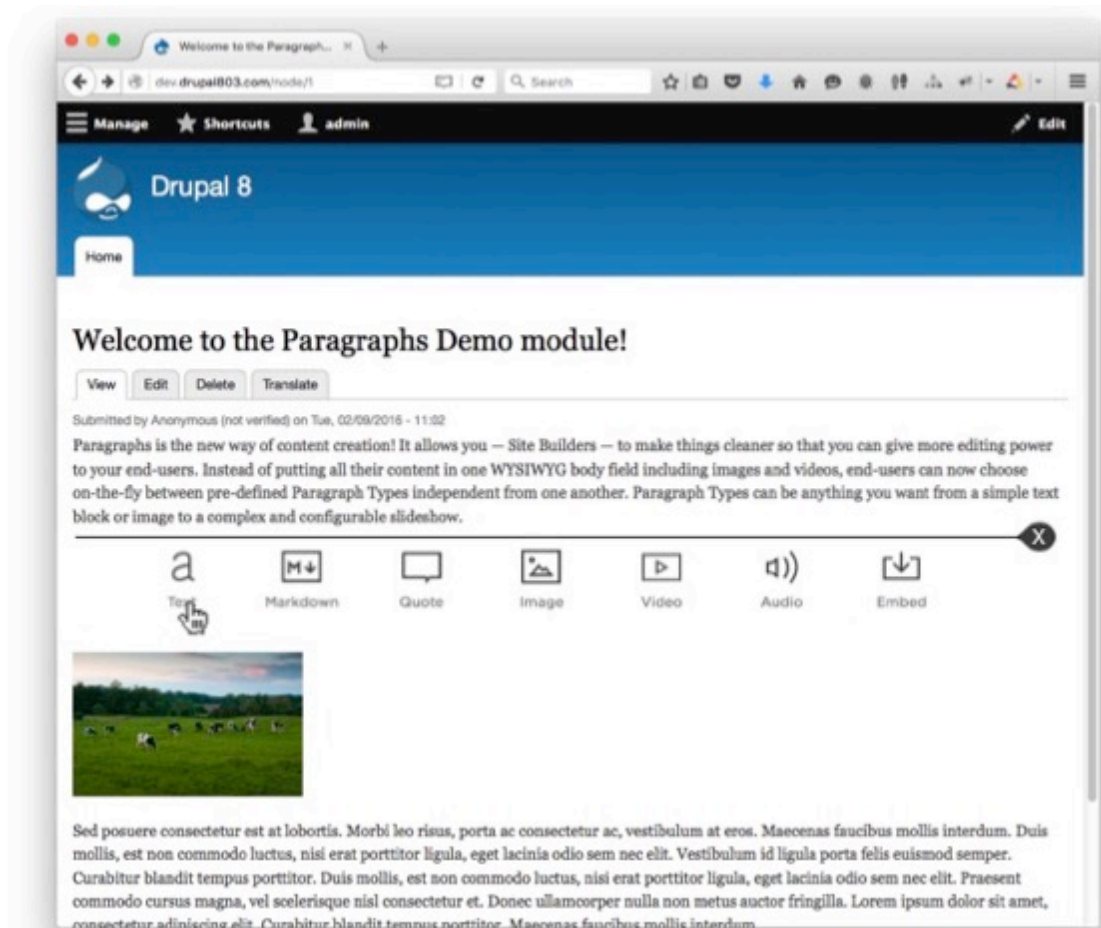
# insert components in front-end



# insert components in front-end



# alternative



The screenshot shows a web browser window displaying the Drupal 8 interface. The page title is "Welcome to the Paragraphs Demo module!". The interface includes a navigation bar with "Manage", "Shortcuts", and "admin" links, and a "Home" button. Below the title, there are buttons for "View", "Edit", "Delete", and "Translate". The main content area features a paragraph of text explaining the Paragraphs module, followed by a toolbar with icons for Text, Markdown, Quote, Image, Video, Audio, and Embed. A small image of a field with cows is visible below the toolbar. The footer contains a block of placeholder text.


Welcome to the Paragraphs Demo module!

View Edit Delete Translate

Submitted by Anonymous (not verified) on Tue, 02/09/2016 - 11:02

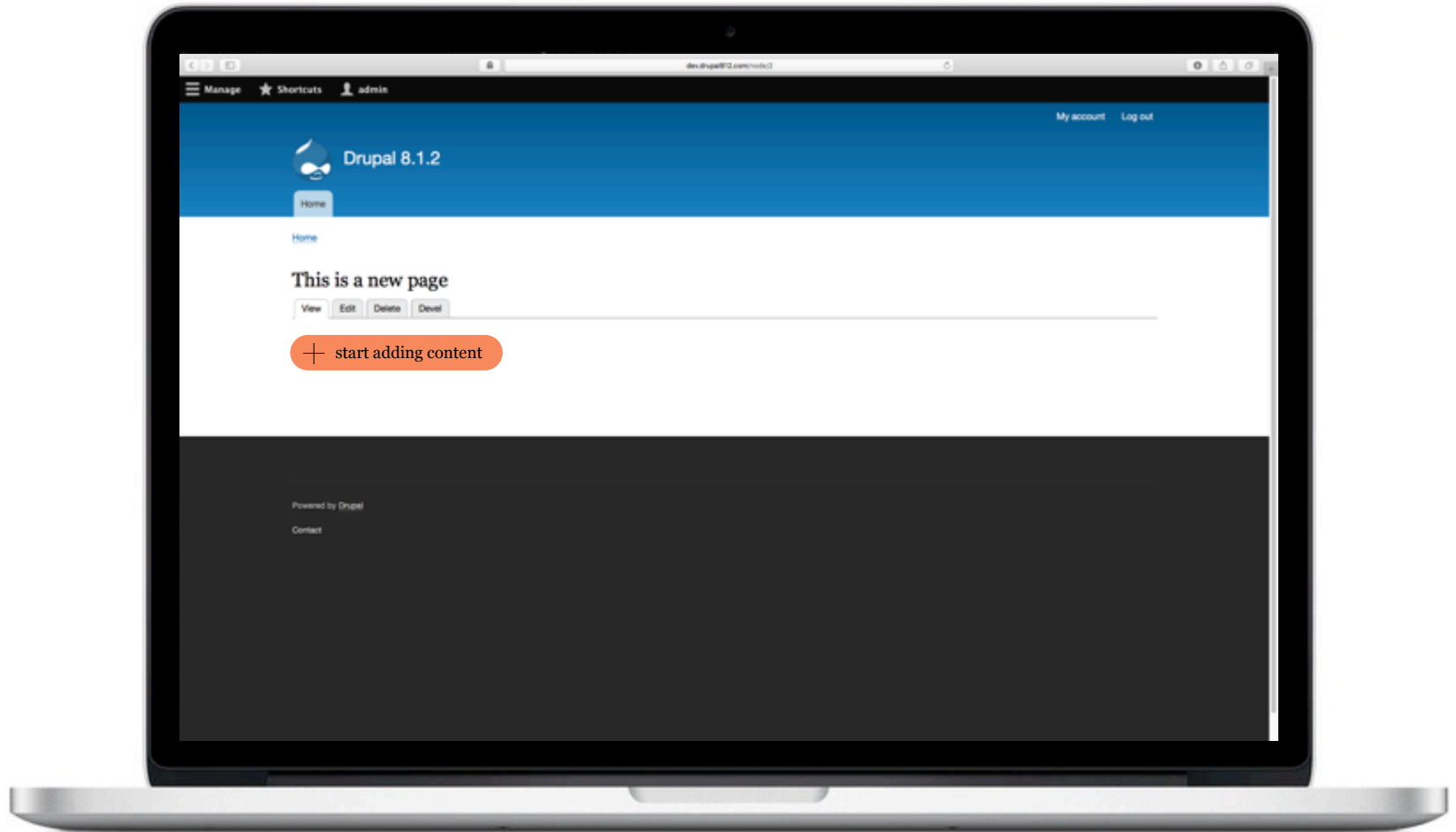
Paragraphs is the new way of content creation! It allows you – Site Builders – to make things cleaner so that you can give more editing power to your end-users. Instead of putting all their content in one WYSIWYG body field including images and videos, end-users can now choose on-the-fly between pre-defined Paragraph Types independent from one another. Paragraph Types can be anything you want from a simple text block or image to a complex and configurable slideshow.

Text Markdown Quote Image Video Audio Embed



Sed posuere consectetur est at lobortis. Morbi leo risus, porta ac consectetur ac, vestibulum at eros. Maecenas faucibus mollis interdum. Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacinia odio sem nec elit. Vestibulum id ligula porta felis euismod semper. Curabitur blandit tempus porttitor. Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacinia odio sem nec elit. Praesent commodo cursus magna, vel scelerisque nisi consectetur et. Donec ullamcorper nulla non metus auctor fringilla. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur blandit tempus porttitor. Maecenas faucibus mollis interdum.

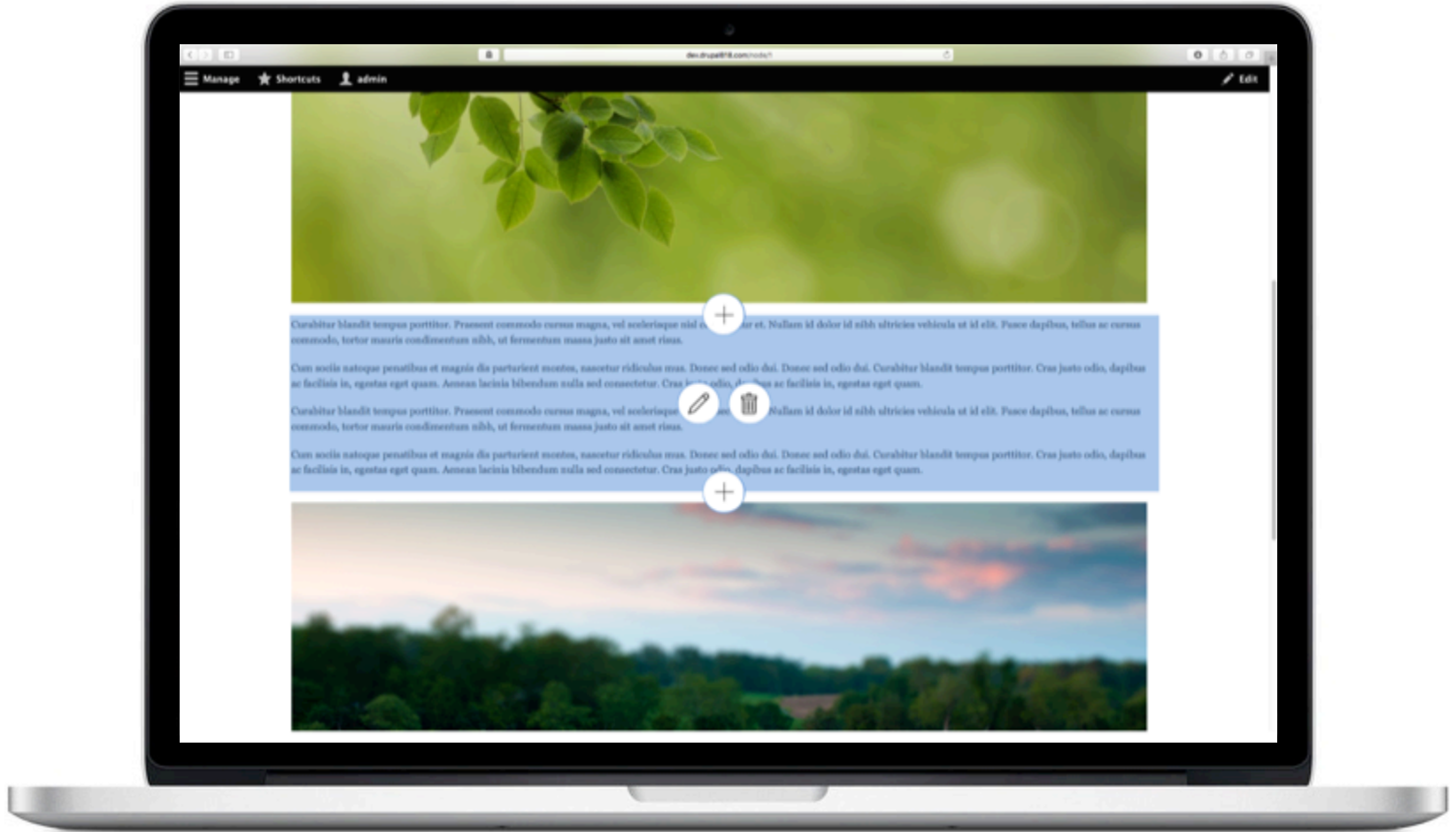
# initialize page in front-end



# reorder components in front-end

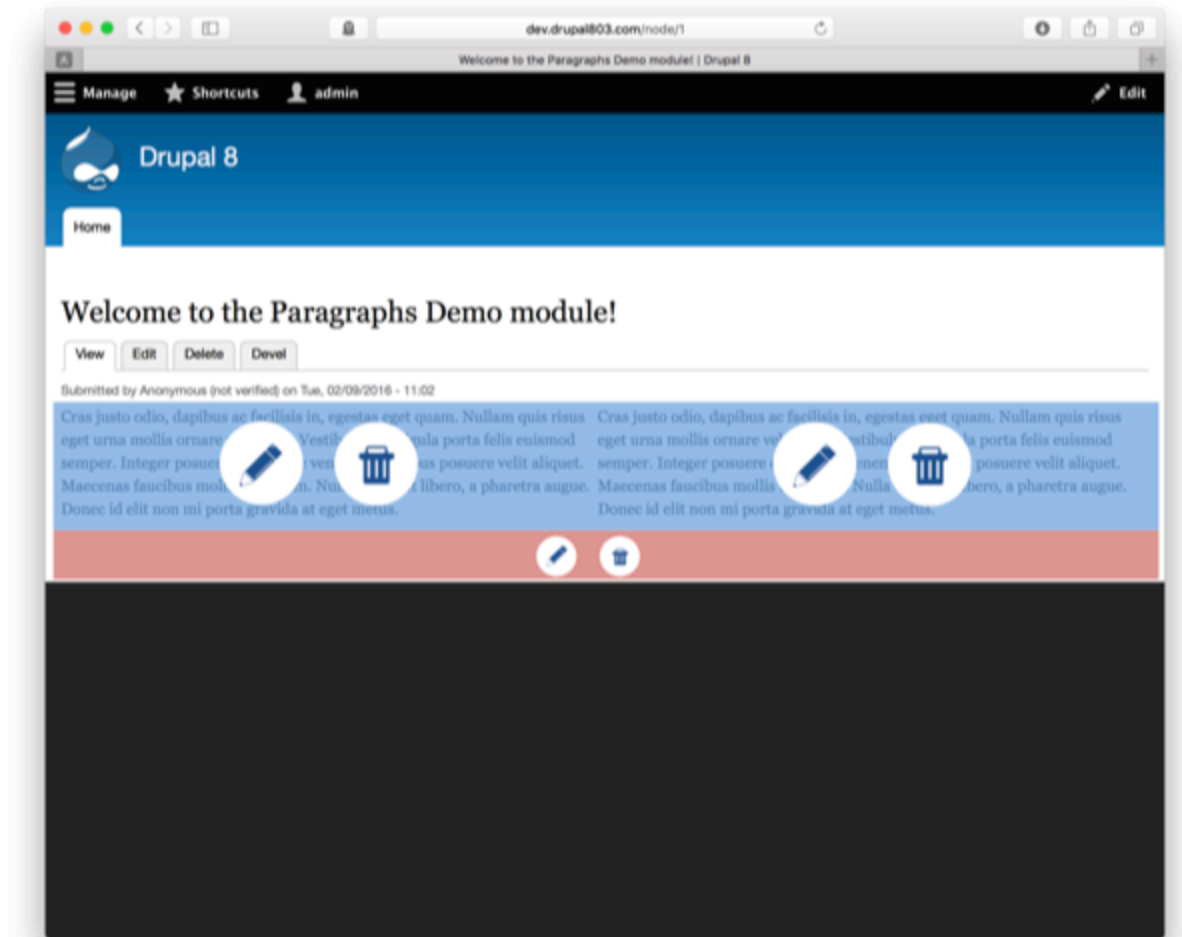


# click 'n' drop™



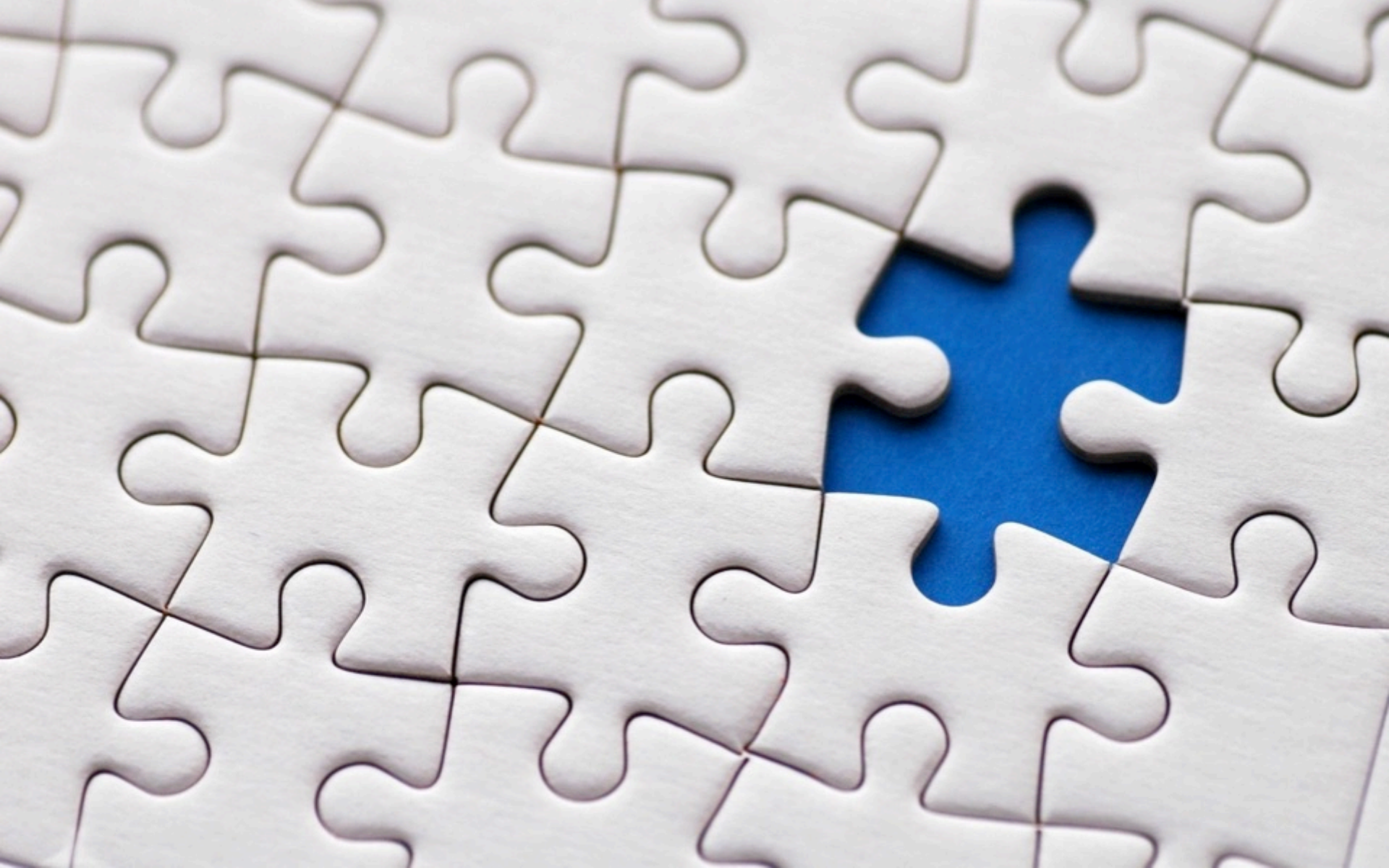


# nested components?





problem solved?

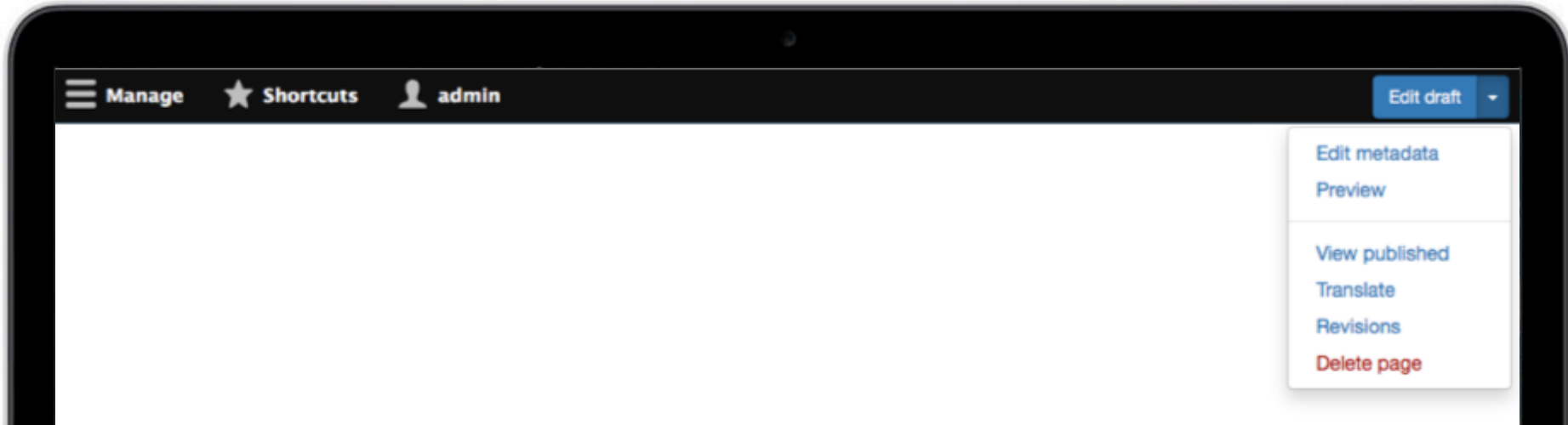


# high-fidelity previews



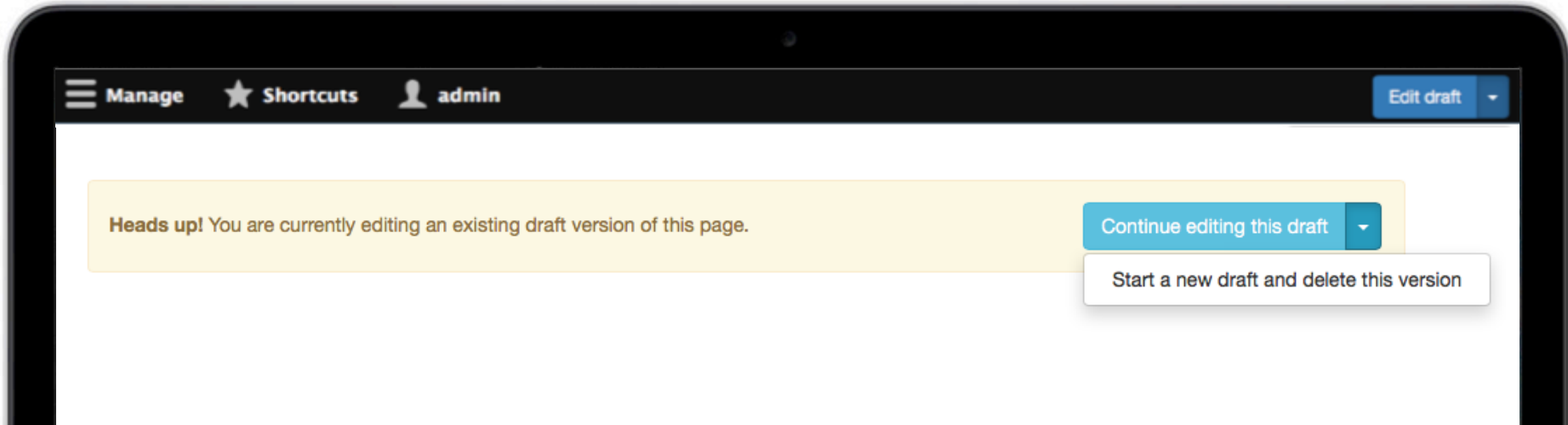
# draft management

- store multiple versions of the same page
- more intuitive page management workflow
- less Drupal jargon
- backend only for “meta-data”



# draft management

- store multiple versions of the same page
- more intuitive page management workflow
- less Drupal jargon
- backend only for “meta-data”





# Drupal 8.2 – outside-in

The screenshot displays the Drupal 8.2 user interface. At the top left, there is an 'Editing' button with a pencil icon. The top right corner features 'My account' and 'Log out' links. The main header area contains the site name 'My awesome site' and a search bar. Below the header is a navigation menu with 'Home', 'About us', and 'Contact' buttons. A green message box indicates that 'The block configuration has been saved.' The main content area shows a sidebar with 'Tools' (Add content, Search) and an article titled 'The article' submitted by 'tkoleary' on Wed, 07/27/2016 - 12:34. The article text is a block of placeholder text. At the bottom right of the article, there are links for 'Read more' and 'Add new comment'. An RSS feed icon is visible at the bottom left of the page.

Editing

My account Log out

My awesome site

Home About us Contact

✓ The block configuration has been saved.

Tools

[Add content](#)

[Search](#)

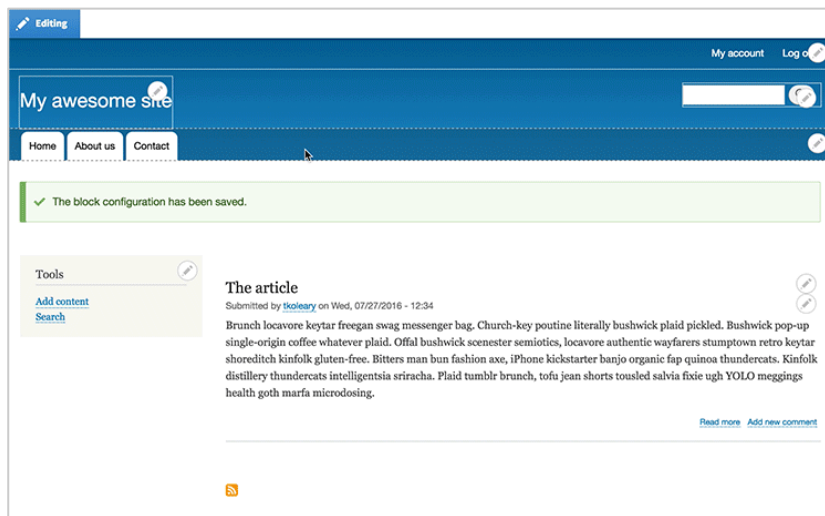
## The article

Submitted by [tkoleary](#) on Wed, 07/27/2016 - 12:34

Brunch locavore keytar freegan swag messenger bag. Church-key poutine literally bushwick plaid pickled. Bushwick pop-up single-origin coffee whatever plaid. Offal bushwick scenester semiotics, locavore authentic wayfarers stumptown retro keytar shoreditch kinfolk gluten-free. Bitters man bun fashion axe, iPhone kickstarter banjo organic fap quinoa thundercats. Kinfolk distillery thundercats intelligentsia sriracha. Plaid tumblr brunch, tofu jean shorts tousled salvia fixie ugh YOLO meggings health goth marfa microdosing.

[Read more](#) [Add new comment](#)

# Drupal 8.2 – outside-in



✓ good initiative

✓ more awareness

✗ does not start from the UX

✗ pulls backend in frontend



Workbench **Structuur** Uiterlijk Personen Modules Instellingen Rapportages Hallo terminator Uitloggen

Home - Beheer - Structuur - Menu's - Main menu NL

# Main menu NL

Links weergeven Menu bewerken

[Link toevoegen](#)

Gewicht van rijen tonen

Menulink	Ingeschakeld	Handelingen
+ Opleidingen	<input checked="" type="checkbox"/>	<a href="#">bewerken</a> <a href="#">verwijderen</a>
+ Bachelor-na-bachelor opleidingen	<input checked="" type="checkbox"/>	<a href="#">bewerken</a> <a href="#">verwijderen</a>
+ Buitengewoon Onderwijs	<input checked="" type="checkbox"/>	<a href="#">bewerken</a> <a href="#">verwijderen</a>
+ Inhoud en studiepunten van banaba Buitengewoon onderwijs	<input checked="" type="checkbox"/>	<a href="#">bewerken</a> <a href="#">verwijderen</a>
+ Geriatrie	<input checked="" type="checkbox"/>	<a href="#">bewerken</a> <a href="#">verwijderen</a>
+ Oncologie	<input checked="" type="checkbox"/>	<a href="#">bewerken</a> <a href="#">verwijderen</a>
+ Zorgverbreding en Remedieënd Leren	<input checked="" type="checkbox"/>	<a href="#">bewerken</a> <a href="#">verwijderen</a>
+ Inhoud en studiepunten van banaba Zorgverbreding en Remedieënd Leren	<input checked="" type="checkbox"/>	<a href="#">bewerken</a> <a href="#">verwijderen</a>
+ Flextrajecten	<input checked="" type="checkbox"/>	<a href="#">bewerken</a> <a href="#">verwijderen</a>
+ Gezondheidszorg (studiegebied)	<input checked="" type="checkbox"/>	<a href="#">bewerken</a> <a href="#">verwijderen</a>
+ Master en master-na-master	<input checked="" type="checkbox"/>	<a href="#">bewerken</a> <a href="#">verwijderen</a>
+ Beeldend Onderzoek	<input checked="" type="checkbox"/>	<a href="#">bewerken</a> <a href="#">verwijderen</a>
+ Grafisch Ontwerp	<input checked="" type="checkbox"/>	<a href="#">bewerken</a> <a href="#">verwijderen</a>

“You got to start with the customer experience and work backwards to the technology.”



# thank you

jan.lemmens@amplexor.com - @vollepeer





**DRUPALCAMP** GHENT  
2016  
GROW SOME IDEAS

