

Drupal 8 Migration Strategy

October 2018

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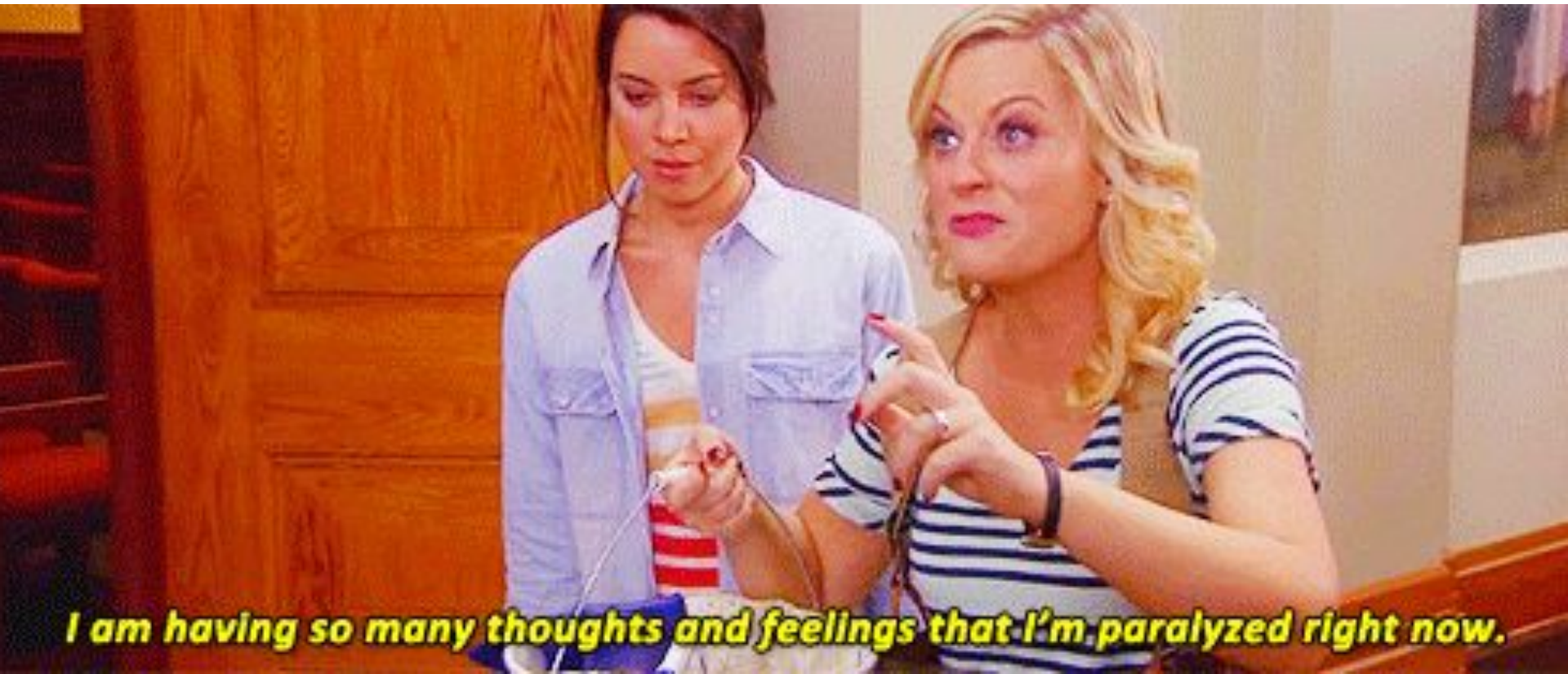


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YOU GOT THIS



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PHOENIX AROUND THE CRAGGED HILL
KENNY
THE FUTURE OF FREEDOM
FARIED
ZAKARIA
THOMAS L. FRIEDMAN
THE LEXUS AND THE OLIVE TREE
FSG
DAVID MORRILL
DESPERATE MEASURES
OFFER GARDNER
TED KOON
JUDITH KRANTZ
CROWN
DANIELLE STEEL
NO GREATER LOVE
Chase, Chance & Creativity
JAMES H. WATKINS
ARISTEAD
RAPPER
THE NIGHT LISTENER
HOW YOU CAN BECOME FINANCIALLY INDEPENDENT BY AGE 35
ALBERT L. LOWY
SNOW AND SHUSTER
JALIBRO
KURT VONNEGUT
NORMAN MAILER
BIECHNER
LAUGHTER
THE FIFTH HORSEMAN
LARRY
SIMON & SCHUSTER

THRILLER
JAMES PATTERSON
A History of Latin America
THE TRIAL OF SORLITO
STONE
The Homosexual Matrix
LEBESKOWSKI
SHOOT MY DOG
with Dick Klutznick
ARTHUR C. CLARKE
AGATHA CHRISTIE
THE COMPLETE NOVELS
THE FINAL ODYSSEY
Random House
THE DAVINCI CODE
THE SINGULAR ACCIDENT OF BACON
Classic Cars

DANIELLE STEEL
POEMS
THE FIRST COUNSEL
KRISNA
MIDNIGHT IN THE GARDEN OF JOHN BRENEMITH
CALIFORNIA, HAWAII
Touching
ASHTON
MONTELEONE
THE HAUNTS
Please
Palomares
MAKING ENDS MEET
Barbara Howar
JIM & LOUISE'S
HOMERAGE HEARTREPLY BEAM
redemption song
THE PRIMER
THE PRIMER

THE PROPHET
Gertrude and Claudius
RELATIONS
NAPALM
THE AGE OF INNOCENCE
Really the Blues
Joan Collins
for the Look and
of
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Where to Start

Inventory

What is an inventory?

Like an inventory of a library, an inventory of a website includes:

Number of:

- **urls** (how many pages)
- **taxonomy terms** (how they are organized)
- **site directories** (how many site sections there are)
- **user accounts** (who's updating the site)
- **files and assets** (pdfs, images, video etc.)

Anything your developer needs
to **move from one place to
another** should be in your
inventory.



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Compiling Your Inventory

Database

Get a copy of your database and pull counts for:

- Content Types
- Nodes
- Taxonomy
- Images
- Users

Site Crawl

Run a site crawl using automated site crawler to count:

- Directories
- File links

*Don't forget to compare your results to look for Orphan Pages

A hand holding a black pen points to a location on a detailed road map spread across a table. The map shows a network of roads in red, orange, and yellow, with blue lines representing rivers and green areas for parks or forests. In the background, a cup of coffee on a saucer and a glass of water are visible. The scene is lit with warm, natural light, suggesting an indoor setting like a cafe or office.

Map It

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Take it By Type

D7 Legacy Content Type = Lizards				
Field Name	Required Y/N	Machine Name	Field Type	Dev Notes
Title	y	title	Node module element	
Body	y	body	Long text and summary	
Region	n	field_region	Term reference	
Date	n	field_date	Date (ISO format)	built using Date module
Image	n	field_image	Image	
More Info	n	field_more_info	Link	
Image Credits	n	field_image_caption	Text	
Soundtrack	n	field_soundtrack	Multimedia Asset	
Soundtrack Credits	n	field_soundtrack_cre	Text	

Mapping Spreadsheets

D7 Legacy Content Type = Lizards						D8 New Content Type = Lizards				
Field Name	Required Y/N	Machine Name	Field Type	Dev Notes	ACTION	Field Name	Required Y/N	Machine Name	Field Type	Dev Notes
Title	y	title	Node module element			Title	y	-	-	D8 title field
Body	y	body	Long text and summary			Body	y	body	Text (formatted, long, with summary)	
Region	n	field_region	Term reference			Region	n	field_region	Entity Reference	
Date	n	field_date	Date (ISO format)	built using Date module		Date	n	field_date	Date	Use CORE Date field
Image	n	field_image	Image			Image	n	field_lizard_image	Image	Media
More Info	n	field_more_info	Link			More Info	n	field_more_info	Link	
Image Credits	n	field_image_caption	Text			Image Credits	n	field_image_credits	Text (plain)	
Soundtrack	n	field_soundtrack	Multimedia Asset			Soundtrack	n	field_soundtrack	Entity Reference	
Soundtrack Credits	n	field_soundtrack_cre	Text			Soundtrack Credit	n	field_soundtrack_cred	Text (plain)	

**You don't need to be a
developer to put this
spreadsheet together.**


**You just need to know
where to look.**



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Where to Look

Home » Administration » Structure » Content types » Lizard

Lizard 

EDIT

MANAGE FIELDS

MANAGE DISPLAY

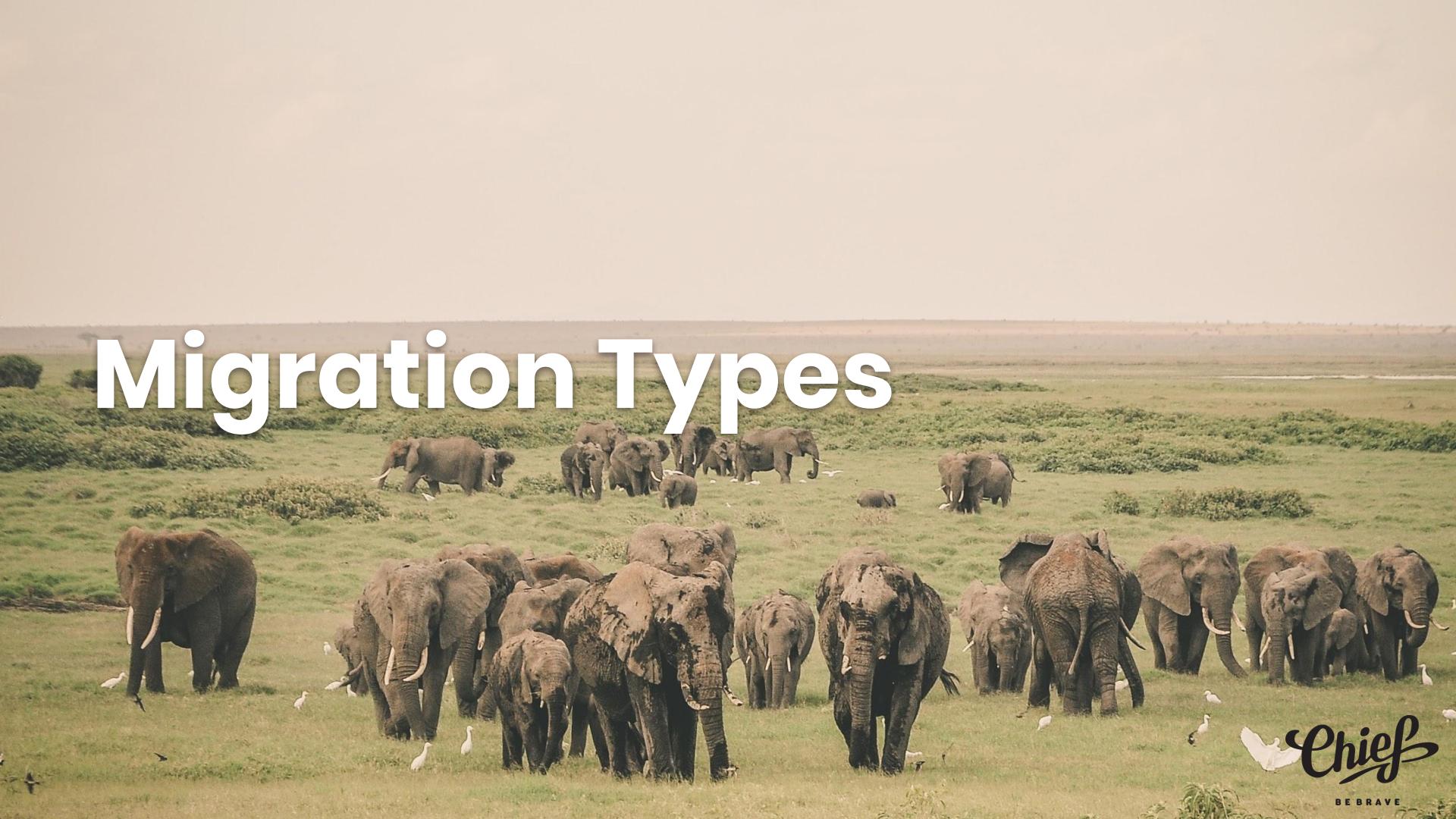
COMMENT FIELDS

COMMENT DISPLAY

[Show row weights](#)

LABEL	MACHINE NAME	FIELD TYPE	WIDGET	OPERATIONS	
+ Title	title	Node module element			
+ Body	body	Long text and summary	Text area with a summary	edit	delete
+ Region	field_region	Term reference	Select list	edit	delete
+ Date at which Metal Status was Acquired	field_date	Date (ISO format)	Select list	edit	delete
+ Image	field_image	Image	Image	edit	delete
+ More Info	field_more_info	Link	Link	edit	delete
+ Image Credits	field_image_caption	Text	Text field	edit	delete
+ Soundtrack	field_soundtrack	Multimedia asset	Media browser	edit	delete
+ Soundtrack Credits	field_soundtrack_credits	Text	Text field	edit	delete

Migration Types



2 Types of Migration / 4 Types of Sources

Scripted Migration

1

Database to
Database

2

API to
Database

3

CSV to
Database

Manual Migration

4

Good ol'
Copy & Paste

Scripted Migration

1

Database to
Database

Move data from
**one database into
another,**
using **coded files** that direct
**where the data should go and
how.**

*can also be applied
to API migrations

2

*API to
Database

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Scripted Migration

Move data from
a CSV into a database,
using **coded files** that direct
where the data should go
and how.



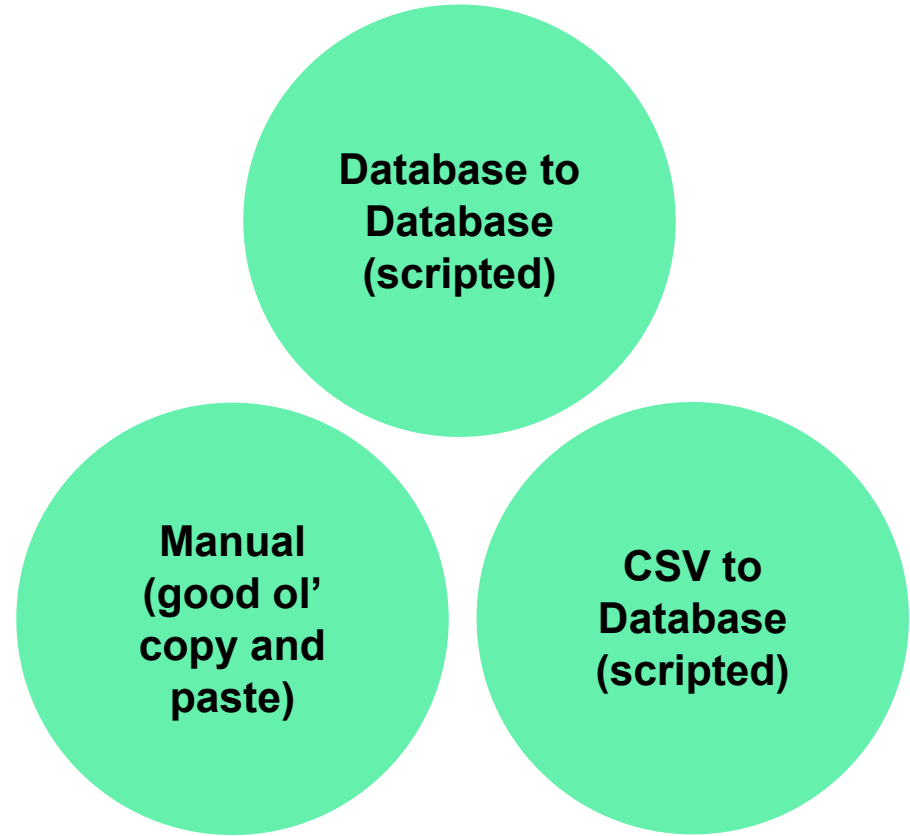
Manual Migration

4

Good ol' Copy
& Paste

Move data **by hand**.
Copy and Paste,
directly into the wysiwyg
in the new site.

How to Choose?



One Section at a Time

To determine how to approach a migration, take it **content type by content type**.

For Each Content Type...

1. List your fields
2. Map those fields
3. Decide Method

Examples

Blog content types typically have:

- Consistent fields;
- Consistent functionality;
- High number of nodes.

*Therefore, the fastest option is **scripting the blog content type.***

Page content types typically have:

- Small amount of content;
- Varying layout;
- Varying functionality.

*Therefore, the best option is to **migrate page content by hand.***

A group of people are sitting around a wooden table in a meeting room, working on laptops. One person in the foreground is wearing a headset and looking at their laptop screen. The room is dimly lit, and there are water bottles and a glass on the table.

Resourcing

Think about your team.

Consider The Players

Who is on your Team?



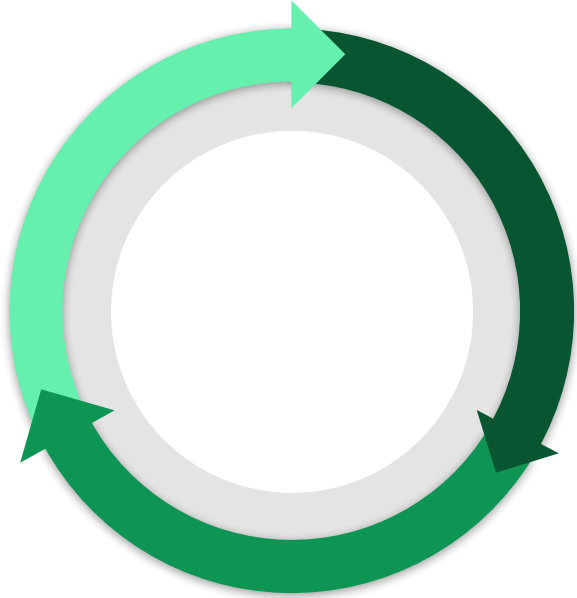
- **Developer Heavy** and limited strategist support. Consider scripting.
- **Developer support is present but limited.** Rely on your strategists to manually migrate so your dev can spend their time where they are needed most.
- **Diverse Team.** Lots of strategists, copy editors, UX, and developers. Consider splitting work up between people to divide and conquer.

Consider the Rate

How fast can your team manually migrate.



Recycle Your Code



Scripts are written field by field and this code can be reused.

Talk to your developers about the code they've used before and **avoid having to start from scratch.**

Talk to Your Developer

Run through the results of the inventory & make note of the following:

- **Types of fields in each content type.** Plain text vs. formatted text (like a WYSIWYG).
- Make sure there is a **migration plan for any unique functionality** (calendars, video, php code, things brought in via iframe).
- How **taxonomy** used on the site.



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Helpful Resources

- [Migration Mapping Spreadsheet](#)
- [Screaming Frog site crawler](#)
- Blog: [Migration Strategy: Using Your Inventory](#)
*ongoing blog series on migration

Let's Connect!

Questions?

