



# Drupal 8 Migrations by Example

@ Twin Cities Drupal Camp 2018  
<http://bit.ly/migrations-by-example>



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# Nicaragua





USA | Nicaragua | México | Germany

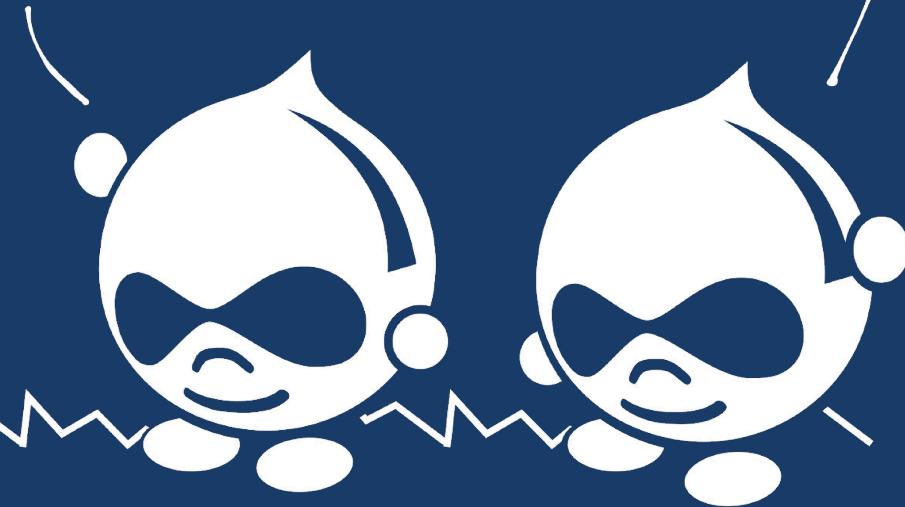
Coming soon! ¡Muy pronto!  
Prochainement!



Hello



Hola



Bonjour

[www.understanddrupal.com](http://www.understanddrupal.com)



# Follow along

<http://bit.ly/migrations-by-example>

<http://bit.ly/migrations-by-example-feedback>

<https://pad.riseup.net/p/migrate-lab-keep>

<https://gist.github.com/dinarcon/72922e8cf634ada47483117ffa659d76>

[https://github.com/dinarcon/mbe\\_professors](https://github.com/dinarcon/mbe_professors)

# Who are you?





# What we will cover

- Migrating data into nodes, files, and paragraphs.
- Migrating data into taxonomy, date, image, file, and address fields.
- Migrating data from JSON and CSV files.
- Running migrations from the UI and the terminal.



# What we will NOT cover

- Migrating data into multi value fields.
- Migrating multilingual data.
- Migrating data from previous versions of Drupal.
- Writing custom migration plugins.

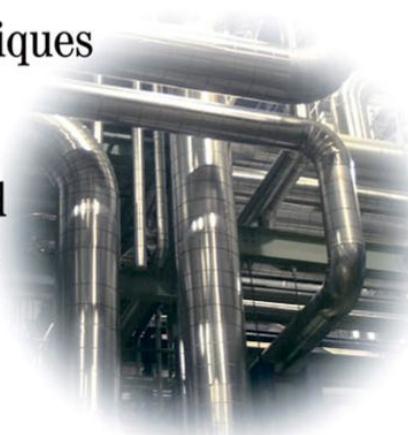


# The Data Warehouse ETL Toolkit

Practical Techniques  
for Extracting,  
Cleaning,  
Conforming, and  
Delivering Data

**Ralph Kimball**

Joe Caserta



Extract  
Transform  
Load



# Extract (Source plugin)





# Transform (Process plugin)





# Load (Destination plugin)





# MY FIRST MIGRATION



## LET'S DO THIS



Google Sheet files

get nodes

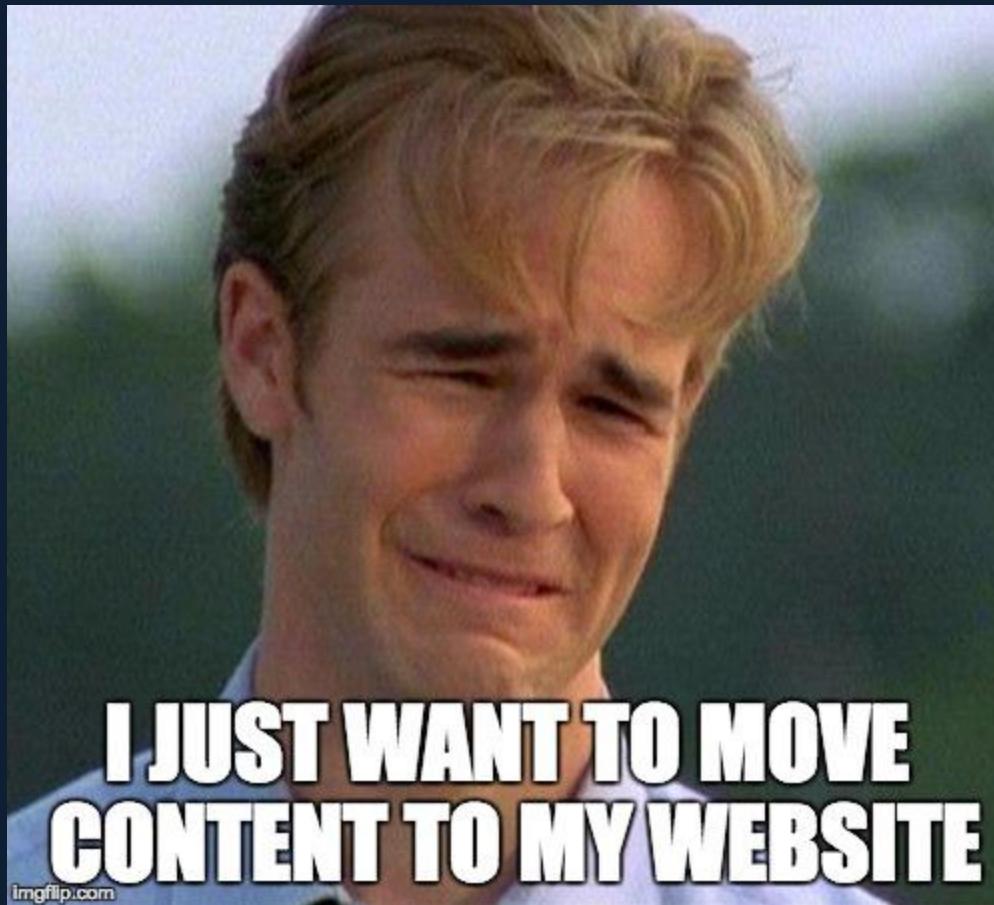
users static map

SQL database default\_value

iterator CSV file

concat paragraphs

XML file migration\_lookup



I JUST WANT TO MOVE  
CONTENT TO MY WEBSITE



## SOURCE

SQL database

CSV file

XML file

JSON file

Google Sheet

## PROCESS

default\_value

concat

iterator

get

migration\_lookup

## DESTINATION

nodes

users

images

files

paragraphs

# SOURCE



	A	B	C
1	First name	Last name	Deparment
2	Micky	Mets	Law
3	Benjamin	Melançon	Journalism
4	Stefan	Freudenberg	Physics

# PROCESS



# DESTINATION

	A	B
1	Name	Deparment
2	Micky Mets	Law
3	Benjamin Melançon	Journalism
4	Stefan Freudenberg	Physics



# Live demo (what can go wrong?)



HilariousGifs.com

<https://gist.github.com/dinarcon/72922e8cf634ada47483117ffa659d76>  
[https://github.com/dinarcon/mbe\\_professors](https://github.com/dinarcon/mbe_professors)

**"This is impossible to understand for people that are not migrate maintainers."**

**Adam Globus-Hoenich**  
**@phenaproxima**  
**Migrate maintainer**





# Modules

## **Migrate Tools**

[drupal.org/project/migrate\\_tools](https://drupal.org/project/migrate_tools)

## **Migrate Plus**

[drupal.org/project/migrate\\_plus](https://drupal.org/project/migrate_plus)



# More modules

## **Migrate Source CSV**

[drupal.org/project/migrate\\_source\\_csv](https://drupal.org/project/migrate_source_csv)

## **Migrate Spreadsheet**

[drupal.org/project/migrate\\_spreadsheet](https://drupal.org/project/migrate_spreadsheet)

Supports .ods, .xls, .xlsx, .csv



# Resources

1. **Building a custom migration in Drupal 8** blog series by Tess Flynn  
<https://deninet.com/tags/drupal-migration>
2. **Migrate All the Things** presentation by Dave Vasilevsky  
<https://www.youtube.com/watch?v=hTeijxQPMnI>
3. **Evolving Web tutorials** <https://evolvingweb.ca/tags/migrate>
4. **MTech tutorials** <https://www.mtech-ilc.com/blog>
5. **Migrate with the Maintainers Lab**  
[events.drupal.org/baltimore2017/sessions/migrate-maintainers-lab](https://events.drupal.org/baltimore2017/sessions/migrate-maintainers-lab)



# Thanks

- **Lucas Hedding (heddn)**
- **Adam Globus-Hoenich (phenaproxima)**
- **All migrate contributors**





# Please Provide Feedback



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