

Custom Content Migrations to Drupal 8



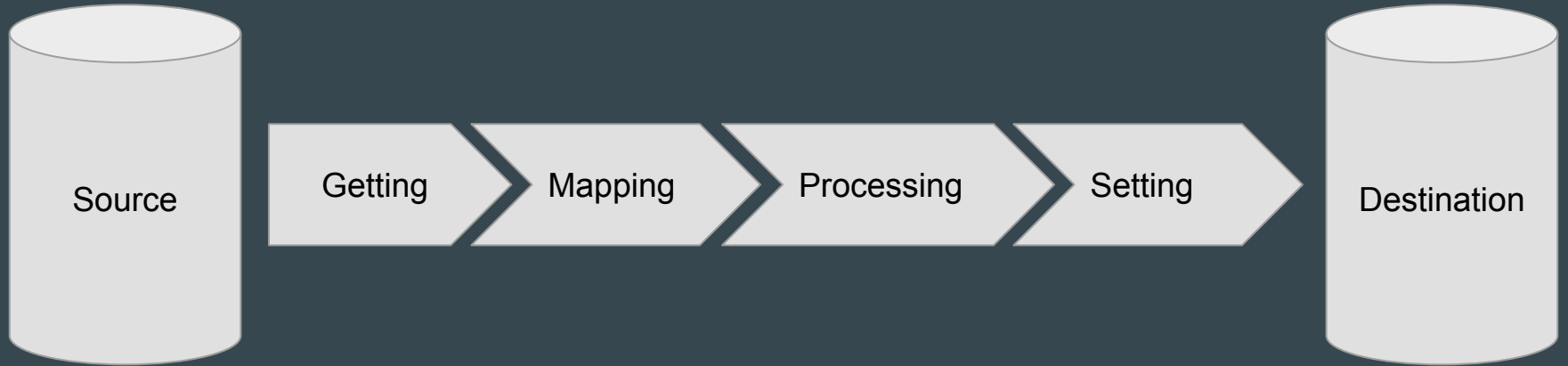
Getting your stuff into Drupal 8

Michael Anello

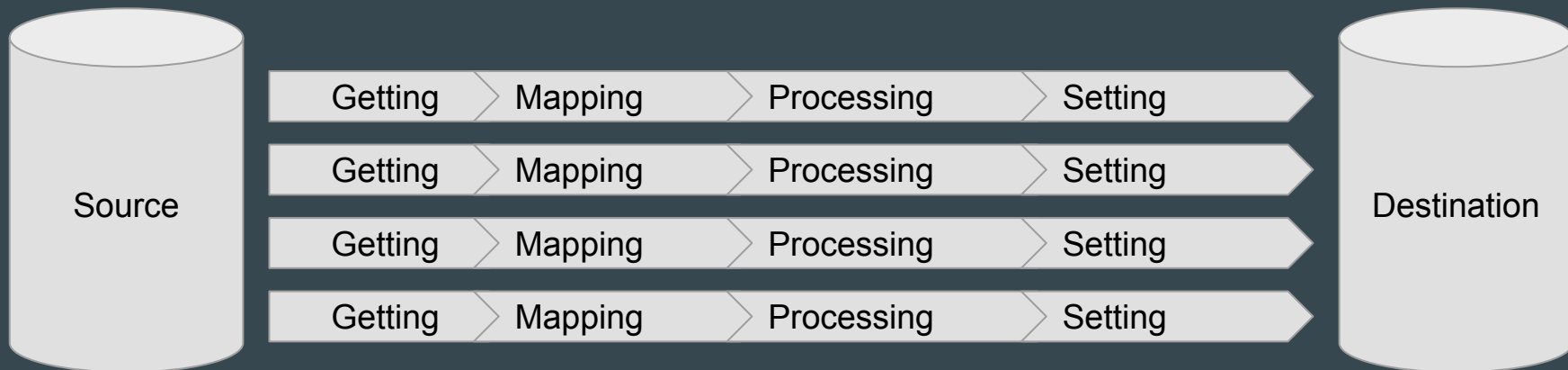
- DrupalEasy/Anello Consulting, Inc.
- drupaleasy.com
- ultimike on drupal.org (drupal.org/u/ultimike)
- @ultimike
- Drupal 8 core contributor - migration system
- Lead instructor - Drupal Career Online

Migration Basics 101

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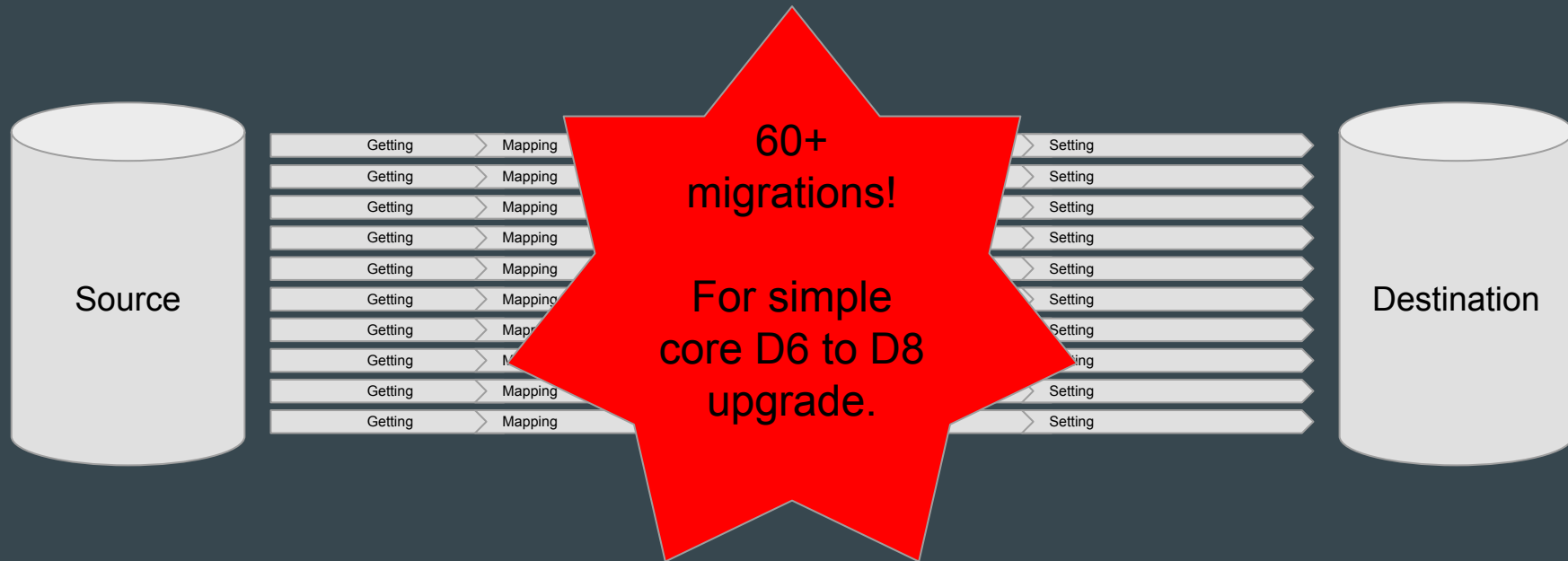
Migration Basics 101



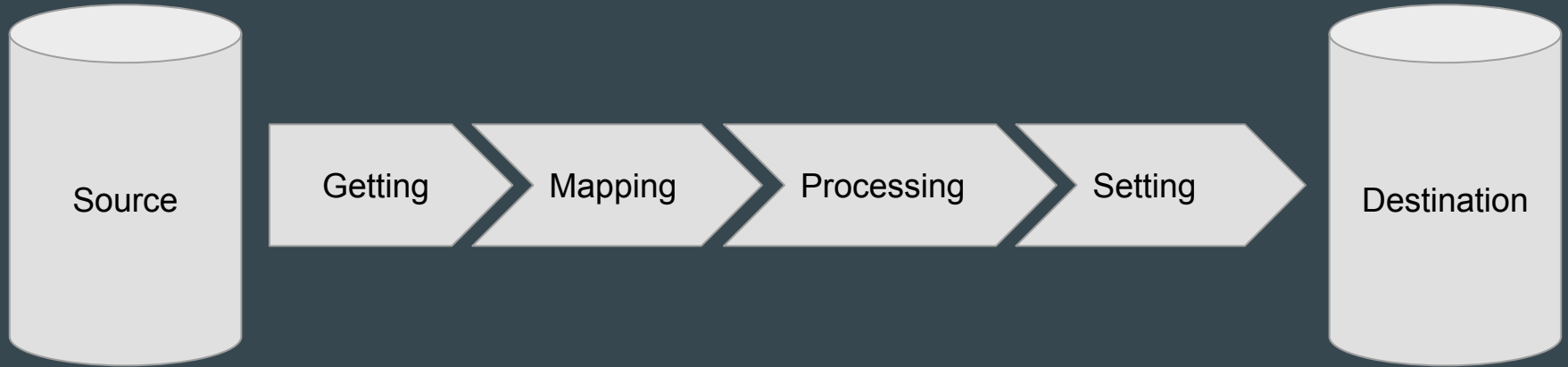
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Migration Basics 101



Migration, Drupal Style

Content + Configuration

Migration, Drupal Style

- House of Pain
- The Whole Enchilada
- Migration by Subtraction
- Migration Satisfaction

Migration, Drupal Style - House of Pain

- Manually migrate content (copy/paste)
- Pros
 - Allows for real-time content auditing
- Cons
 - Uhhh - it's manual.

Migration, Drupal Style - The Whole Enchilada

- Drupal 8 core upgrade path
- Pros
 - Easiest
- Cons
 - Doesn't allow for refactoring, only modules with migration classes supported.

Migration, Drupal Style - Migration by Subtraction

- Modified Drupal 8 core upgrade
- Pros
 - Relatively easy, allows for limited customization
- Cons
 - Dependencies, normally doesn't allow full refactoring

Migration, Drupal Style - Migration Satisfaction

- Custom migration
- Pros
 - Get what you need, modified as you need it, allows for full refactoring
- Cons
 - Requires learning things you should probably know anyway.

Migration, Drupal Style

- House of Pain
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Migration, Drupal Style - Details and Demos

Details and Demos - House of Pain

- Create content inventory
- Train authors/writers/editors
- Back away slowly

Details and Demos - The Whole Enchilada

- Start with an empty Drupal 8.1+ site.
- Enable Migrate, Migrate Drupal, Migrate Drupal UI (core) modules.
- Go to /upgrade, enter source site information
- Click buttons

▼ SOURCE DATABASE

Provide credentials for the database of the Drupal site you want to upgrade.

Database type *

- MySQL, MariaDB, Percona Server, or equivalent
 PostgreSQL
 SQLite

Database host *

Database name *

Database username *

Database password

▶ ADVANCED OPTIONS

▼ SOURCE FILES

Files directory

To import files from your current Drupal site, enter a local file directory containing your site (e.g. /var/www/docroot), or your site address (e.g. http://example.com).

Review upgrade

Migration Basics 101



Details and Demos - Addition by Subtraction

- Start with an empty Drupal 8.1+ site.
- Enable Migrate, Migrate Drupal (core), Migrate Upgrade, and Migrate Plus (contrib) modules.
- Run `drush migrate-upgrade --configure-only` to create configurations
- Export/package configurations in custom module.
- Remove/modify configurations.
- Run migration.

Migration Basics 101



Details and Demos - Migration Satisfaction

- Start with an empty Drupal 8.1+ site.
- Enable Migrate, Migrate Drupal (core), Migrate Tools, and Migrate Plus (contrib) modules.
- Build Drupal 8 site.
- Figure out how Drupal 6/7 content maps to new site.
- Build custom migrations.
- Run custom migrations.

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Migration Satisfaction - Live Demo!

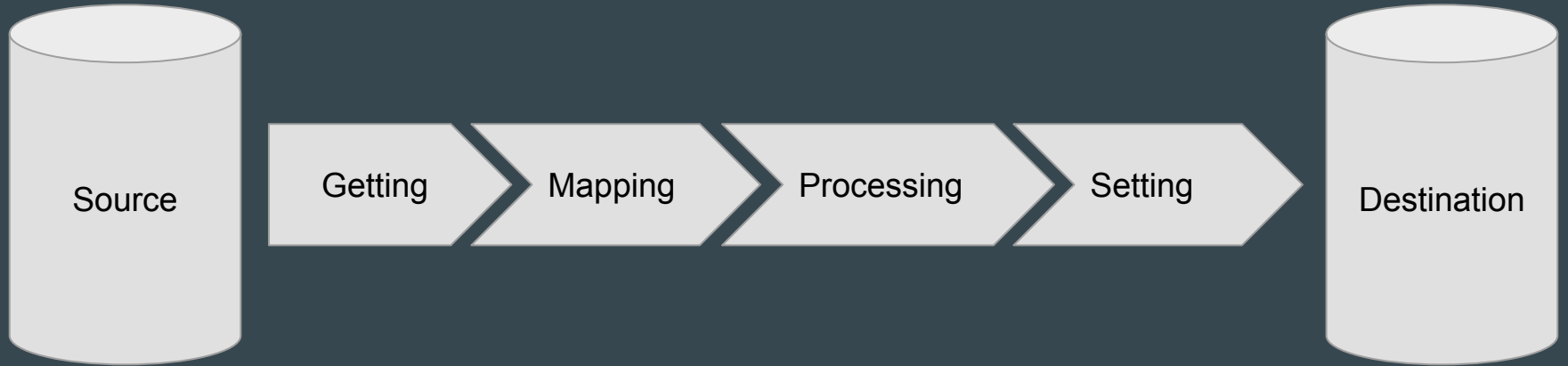
Live Demo - Overview

- Move only content (no config) from a real Drupal 6 site into Drupal 8, with some tweaks.
 - Change content type ("audio" to "podcast")
 - Change field names ("field_embed" to "field_audio_urls")
 - Keep existing text format (Markdown)
- "Build" Drupal 8 site and configure.
- Create custom migration.
- Run custom migration.

Live Demo Setup Notes

- Fresh Drupal 8.2.x site
- Standard installation profile
- Contrib modules: Admin Toolbar, Markdown, Libraries, Migrate Tools, Migrate Plus
- Configure new text format
- Create new content type

Migration Basics 101



Custom module code available at:

<https://github.com/ultimike/drupal8migrate>

Blog post with full details for this demo:

<https://www.drupaleasy.com/d8migrate>