Drupal Migrate D2D for Beginners - Let's dip our toes

https://2015.midcamp.org/node/92

MidCamp 2015

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Agenda

Discuss Migrate and D2D Process

Explore Wizard UI

Drupal Migrate and D2D

Why do I care?

Drupal 6 End of Life!

D8 Means end of D6

Migrate D2D to the rescue!

No More Drupal Upgrade

Drupal Universe is too complex

Inflexible process

Just not available anymore!

Migrate can be used for any data

PDO (DBTNG),

XML, CSV,

JSON,

and native MSSQL and Oracle API sources

What is Migrate

"The Migrate module (V2) provides a flexible framework for migrating content into Drupal from other sources. It is important to recognize that the Migrate module is a developer's tool — if you do not have object-oriented programming skills in PHP, this module is not for you. "
[https://www.drupal.org/migrate]

Migrate Key Points

Flexible framework

Migrating Content

Developers Tool

Object Oriented

What is Migrate D2D?

The Drupal-to-Drupal data migration module (migrate_d2d) extends the framework provided by the Migrate module to support migration of content and data from one Drupal installation to another. It understands the core schemas of Drupal 5, Drupal 6, and Drupal 7, as well as the contributed CCK module for versions 5 and 6.
[https://www.drupal.org/node/1813498]

D2D Key Points

- Migrate content and Data
- Understands Core Schemas of 5, 6, 7 AND 8!
- and CCK for 5, 6
- Modules provide support for their schema

What's Missing?

There's a UI now (D2D 2.1)

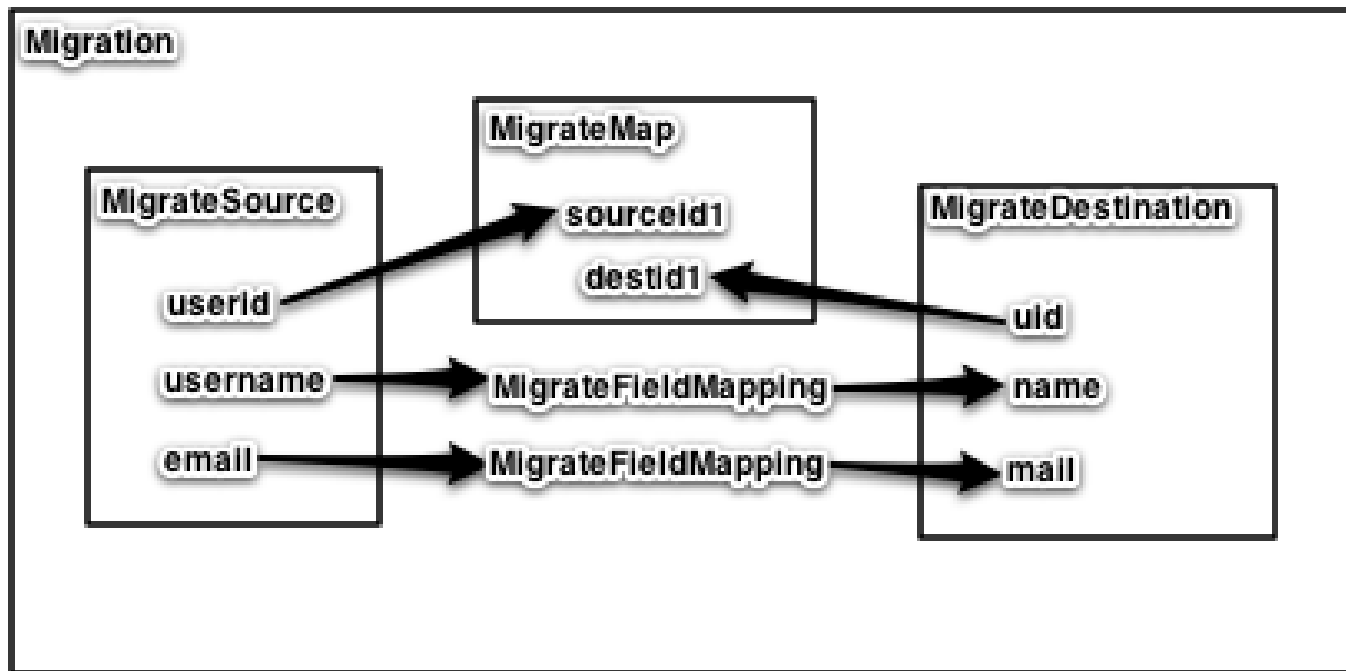Simple migrations are very possible

This approach does not require code!

How does it work?

The Drupal Way - tables

- MigrateSource represents the source data.
- MigrateDestination represents the destination object (user, node, etc.).
- MigrateMap represents the relationship between source and destination objects
- MigrateFieldMapping represents a mapping between a source field and a destination field.

Migrate Mapping

D2D Migrate - Howto?

- Build your new Drupal 7/8 website
- Map content from old site to new site
- Migrate content
- Rollback
- Migrate again

Two Approaches

UI Wizard

Drupal module and Drush

Not completely separate processes

Example Drupal 6 Migration

[http://l.teamroadkill.org/admin/content/types]
http://l.migrate.com/admin/content/migrate

Migrate Drush Commands

[https://www.drupal.org/node/1561820]

Summary

- Provides simple interface for D2D migration
- No code required
- Can't handle complex poerations

UI Wizard

Advantages

- Point and Click
- 'Straight' conversions
- Can alter elements of each migration
- Provides a list of all content

UI Wizard

Dis-advantages

- Can't redefine the base migrations
- No complicated migrations
- No data manipulation in the process
- Point and Click

Questions?

Sprint Sunday

09:00-17:00

Here at UIC Student Center

http://2015.midcamp.org/schedule

Learn through contribution

Contributors of all skill sets and levels are welcome and encouraged.

Feedback

https://joind.in/talk/view/13813

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