

## Drupal 7 Data Migration - An Oddysey

1. Create a Mirror Legacy site and scrub it clean.
2. Back up both Legacy and D7 sites
3. Either import Users via Migrate d2d, or just recreate them in D7. I did the latter, because I don't really care who authored what.
  - a. Don't forget to create roles first.
4. Back up D7 site
5. Create Vocabularies in D7
6. Import Taxonomies via Migrate d2d. It's best to do Users, Taxonomy, Files, Content Types separately. At least that's what was recommended to us.
  - a. When you make the migrations, be sure to save them!
  - b. I'm pretty sure the Taxonomies import using default settings. But here's a screen shot if I'm wrong (click on the term migration task then click on the 'edit' button in the top right corner):

**FIELD MAPPINGS**

For each field available in your Drupal destination, select the source field used to populate it. You can enter a default value to be applied to the destination when there is no source field, or the source field is empty in a given source item. Check the DNM (Do Not Migrate) box for destination fields you do not want populated by migration. Note that any changes you make here override any field mappings defined by the underlying migration module. Clicking the Revert button will remove all such overrides.

DNM	DESTINATION FIELD	SOURCE FIELD	DEFAULT VALUE	SOURCE MIGRATION
<input type="checkbox"/>	Name [name]	td name [name]		
<input type="checkbox"/>	Description [description]	td description [description]		
<input type="checkbox"/>	Parent (by Drupal term ID) [parent]	Term: Parent term [parent]		e29a6e16eTerm2
<input checked="" type="checkbox"/>	Parent (by name) [parent_name]			
<input type="checkbox"/>	Format [format]			
<input type="checkbox"/>	Weight [weight]	td weight [weight]		
<input type="checkbox"/>	Path alias [path]	Path alias [path]		
<input type="checkbox"/>	The text to display in the title bar of a visitor's web browser when they view this page. This meta tag may also be used as the title of the page when a visitor bookmarks or favorites this page. [metatag_title]			
<input type="checkbox"/>	A brief and concise summary of the page's content, preferably 150 characters or less. The description meta tag may be used by search engines to display a snippet about the page in search results. [metatag_description]			
<input type="checkbox"/>	A brief and concise summary of the page's content, preferably 150 characters or less. The abstract meta tag may be used by search engines for			

7. Test that everything came over okay.
8. Back up D7 site
9. Import Files. Do this separately from everything else. You don't have to de-select all the Vocabularies, just save the migration settings and run Files by itself from the Dashboard.
  - a. I still haven't done this successfully, so I'll try again tomorrow.
10. Once Files are imported to the best of your ability, back up D7 site.
11. Create a Content Type in D7. Make sure the fields are as close to Legacy as you can get them.
12. Import the Content Type via Migrate d2d. You don't have to de-select the Vocabularies, just save the migration settings without running it.
  - a. Open the ContentType migration task and click on the 'edit' tab in upper right corner.
  - b. See the following screen shots to customize your migration

**User ID:** I used uid 3 for all imported nodes, because it doesn't matter to me who made the nodes and since I created the users by hand instead of importing, the uids are different anyway.

DNM	DESTINATION FIELD	SOURCE FIELD	DEFAULT VALUE	SOURCE MIGRATION
<input type="checkbox"/>	Node Title [title]	Title [title]		
<input type="checkbox"/>	Authored by (uid) [uid]		3	
<input type="checkbox"/>	Created timestamp [created]	Created timestamp [created]		

**Files:** Try the import without image files first and get it exactly right, then rollback and import with files when you are sure everything is correct. I found out the hard way that importing image files only works once. If you have to rollback and try again, they don't show up. Oh, and if you figure out how to get image URLs to import, let me know...

<input checked="" type="checkbox"/>	Modified (uid) [revision_uid]			
<input checked="" type="checkbox"/>	Option: Indicates a new node with the specified nid should be created [is_new]			
<input type="checkbox"/>	Book Jacket (linkimagefield) [field_bookreview_jacket]	Book Jacket [field_bookreview_jacket]		e29a6e16eFile
<input type="checkbox"/>	Alternative image text, for the image's 'alt' attribute: [field_bookreview_jacket:alt]	Book Jacket subfield [field_bookreview_jacket:alt]		
<input type="checkbox"/>	Image title text, for the image's 'title' attribute: [field_bookreview_jacket:title]	Book Jacket subfield [field_bookreview_jacket:title]		
<input type="checkbox"/>	The URL used for the image link: [field_bookreview_jacket:url]			

**Fields:**

<input type="checkbox"/>	A relation tag telling bots not to follow this link [field_bookreview_jacket:nofollow]			
<input type="checkbox"/>	Title (link_field) [field_bookreview_title]	Title [field_bookreview_title]		
<input type="checkbox"/>	Subfield: The link title attribute [field_bookreview_title:title]	Title subfield [field_bookreview_title:title]		
<input type="checkbox"/>	Subfield: The attributes for this link [field_bookreview_title:attributes]	Title subfield [field_bookreview_title:attributes]		
<input type="checkbox"/>	Subfield: The language for the field [field_bookreview_title:language]			
<input type="checkbox"/>	Author (text) [field_bookreview_author]	Author [field_bookreview_author]		
<input type="checkbox"/>	Subfield: Language for the field [field_bookreview_author:language]			
<input type="checkbox"/>	Rating (list_text) [field_bookreview_rating]	Rating [field_bookreview_rating]		
<input type="checkbox"/>	Review (text_with_summary) [field_bookreview_review]	Review [field_bookreview_review]		
<input type="checkbox"/>	Subfield: Summary of field contents [field_bookreview_review:summary]			
<input type="checkbox"/>	Subfield: Language for the field [field_bookreview_review:language]			
<input type="checkbox"/>	Reviewer's Name (text) [field_bookreview_reviewer]	Reviewer's Name [field_bookreview_reviewer]		
<input type="checkbox"/>	Subfield: Language for the field [field_bookreview_reviewer:language]			
<input type="checkbox"/>	Reviewer's Email (text) [field_bookreview_email]	Reviewer's Email [field_bookreview_email]		
<input type="checkbox"/>	Subfield: Language for the field [field_bookreview_email:language]			

**Taxonomy:**

<input type="checkbox"/>	Subfield: Language for the field [field_bookreview_email_language]			
<input type="checkbox"/>	Genres (taxonomy_term_reference) [field_genres]	Genres [65]		e29a6e16eTerm65
<input type="checkbox"/>	Option: Set to 'tid' when the value is a source ID [field_genres:source_type]		tid	
<input type="checkbox"/>	Option: Set to TRUE to create referenced terms when necessary [field_genres:create_term]		TRUE	
<input type="checkbox"/>	Option: Set to TRUE to ignore case differences between source data and existing term names [field_genres:ignore_case]			
<input type="checkbox"/>	Awards (taxonomy_term_reference) [field_awards]	Awards [69]		e29a6e16eTerm69
<input type="checkbox"/>	Option: Set to 'tid' when the value is a source ID [field_awards:source_type]		tid	
<input type="checkbox"/>	Option: Set to TRUE to create referenced terms when necessary [field_awards:create_term]		TRUE	
<input type="checkbox"/>	Option: Set to TRUE to ignore case differences between source data and existing term names [field_awards:ignore_case]			
<input type="checkbox"/>	Audiences (taxonomy_term_reference) [field_audiences]	Audiences [8]		e29a6e16eTerm8
<input type="checkbox"/>	Option: Set to 'tid' when the value is a source ID [field_audiences:source_type]		tid	
<input type="checkbox"/>	Option: Set to TRUE to create referenced terms when necessary [field_audiences:create_term]		TRUE	
<input type="checkbox"/>	Option: Set to TRUE to ignore case differences between source data and existing term names [field_audiences:ignore_case]			

13. Run the Content Type migration.
14. Check your work and clean up.
15. Back up D7 site.
16. Keep doing 11-15 for each Content Type.
17. Good Luck. Vodka's your friend.