

# Upgrading to Drupal 8

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TriDUG Meetup

26 January 2017

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# Drupal 8!

- It's been out for over a year now.
- Lots of progress has been made in both core and contrib.
- The general recommendation right now is:

*“If you're building a new site, build it in D8.”*

*-Someone who knows what they're talking about.*

# New features

- Better caching = Faster site
- Responsive out of the box.
- Big Pipe (like Facebook).
- Content moderation.
- Nicier admin interface.
- Code is Symfony-based\*.
- Theme engine now uses Twig\*.

# Contributed Projects

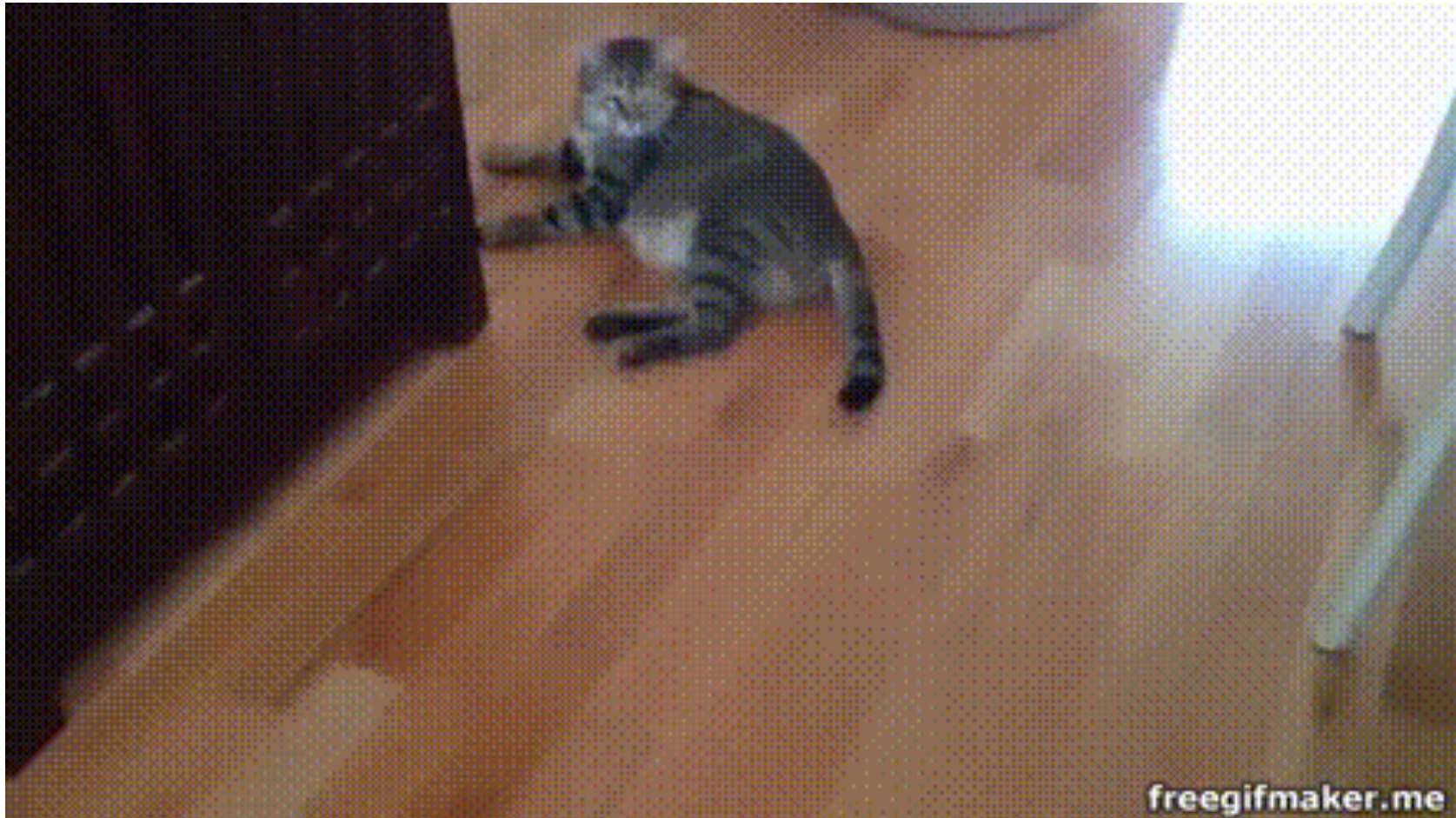
- Modules must be re-written.
- Good list of status of modules here:  
<https://www.bluespark.com/status-top-100-contributed-modules-drupal-8>
- Themes
  - Custom themes will need to be rebuilt.
  - Off-the-shelf themes can be swapped out.  
Customizations may need to be re-done.

# Do you really need that module?

- Google Fonts module not available for D8.
- Could be replaced by one entry in a theme configuration file (THEME.libraries.yml):

```
Document 1/1 global-styling:
1  global-styling:
2    version: 1.x
3    css:
4      theme:
5        css/main.css: {}
6    fonts:
7      css:
8        theme:
9          //fonts.googleapis.com/css?family=Open+Sans:400,400i,700: { type: external }
10
```

# Your old D7 site:



# A new Drupal 8 site:





# How do you get there?





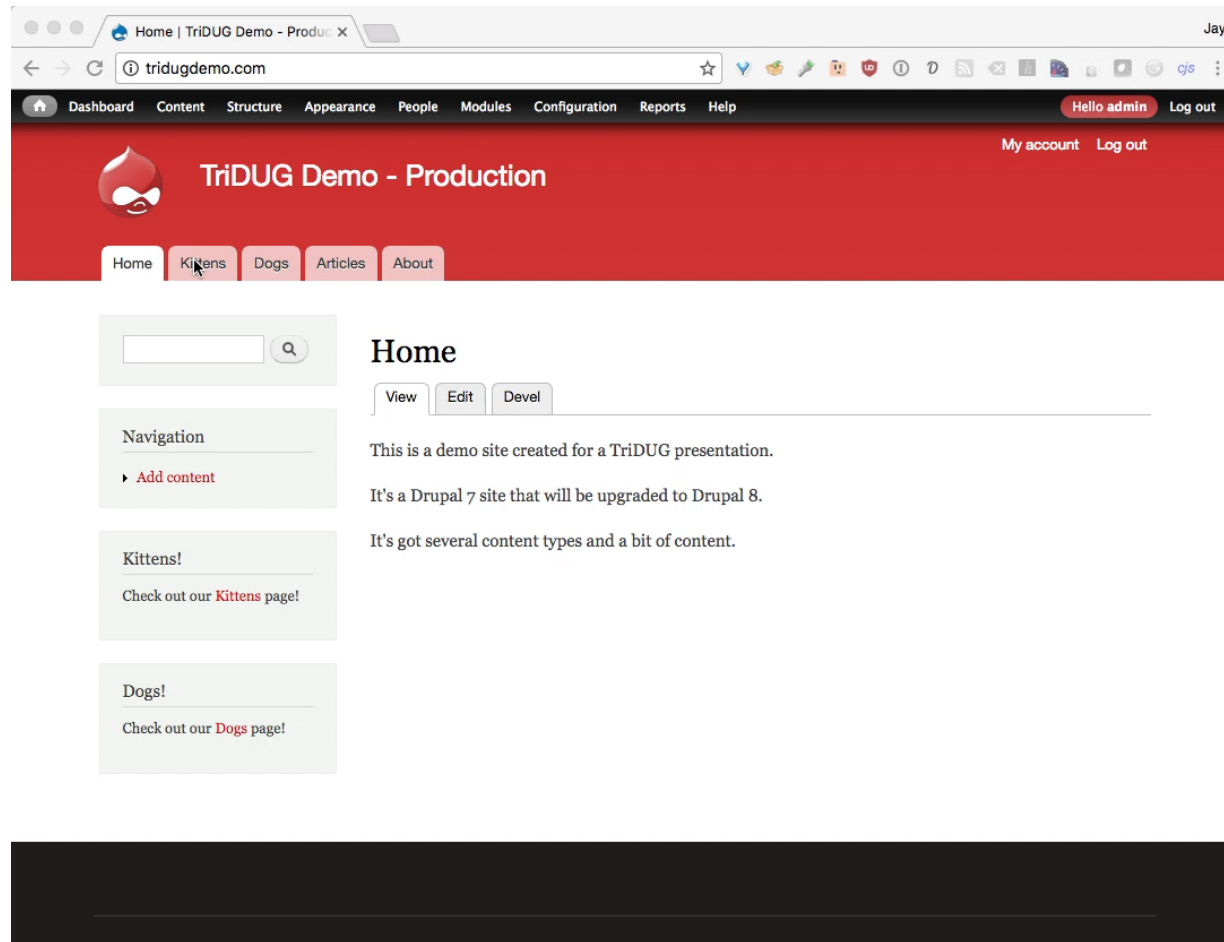
# No! The answer is Migration!

- We'll talk about two different paths for migration.
  1. A very simple site, using the built-in migration with the UI.
  2. A more complicated migration with some changes along the way.

# Old D7 site

- Basic site
- Several content types:
  - Page
  - Article
  - Kitten
  - Dog
- A couple Views
- Some Blocks
- Tags

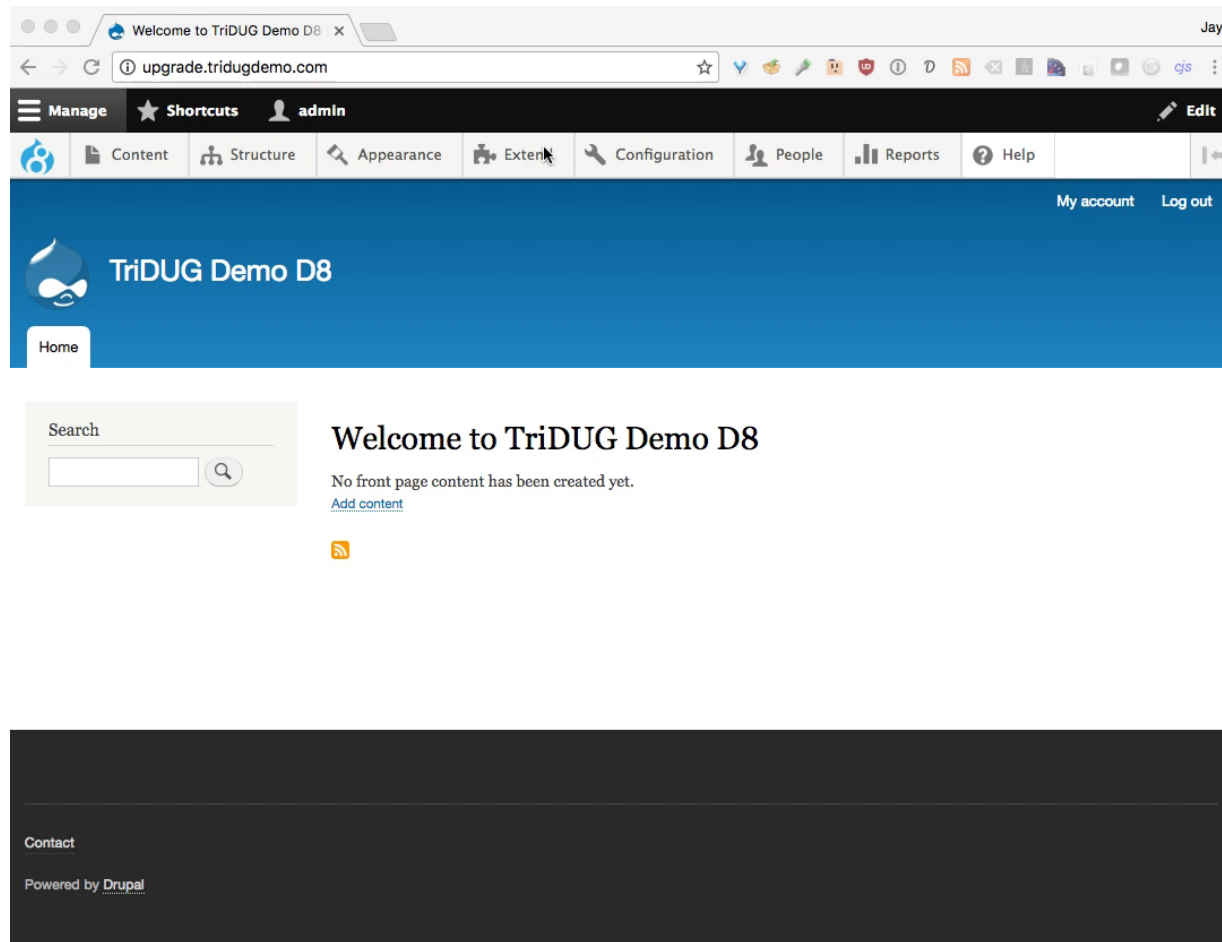
# Old D7 site



# Let's Migrate!

- Install D8 without making any other changes.
- Install all the modules you'll need.
- Go to “Extend”, and enable the migration modules: *Migrate*, *Migrate Drupal*, and *Migrate Drupal UI*.

# Let's Migrate!

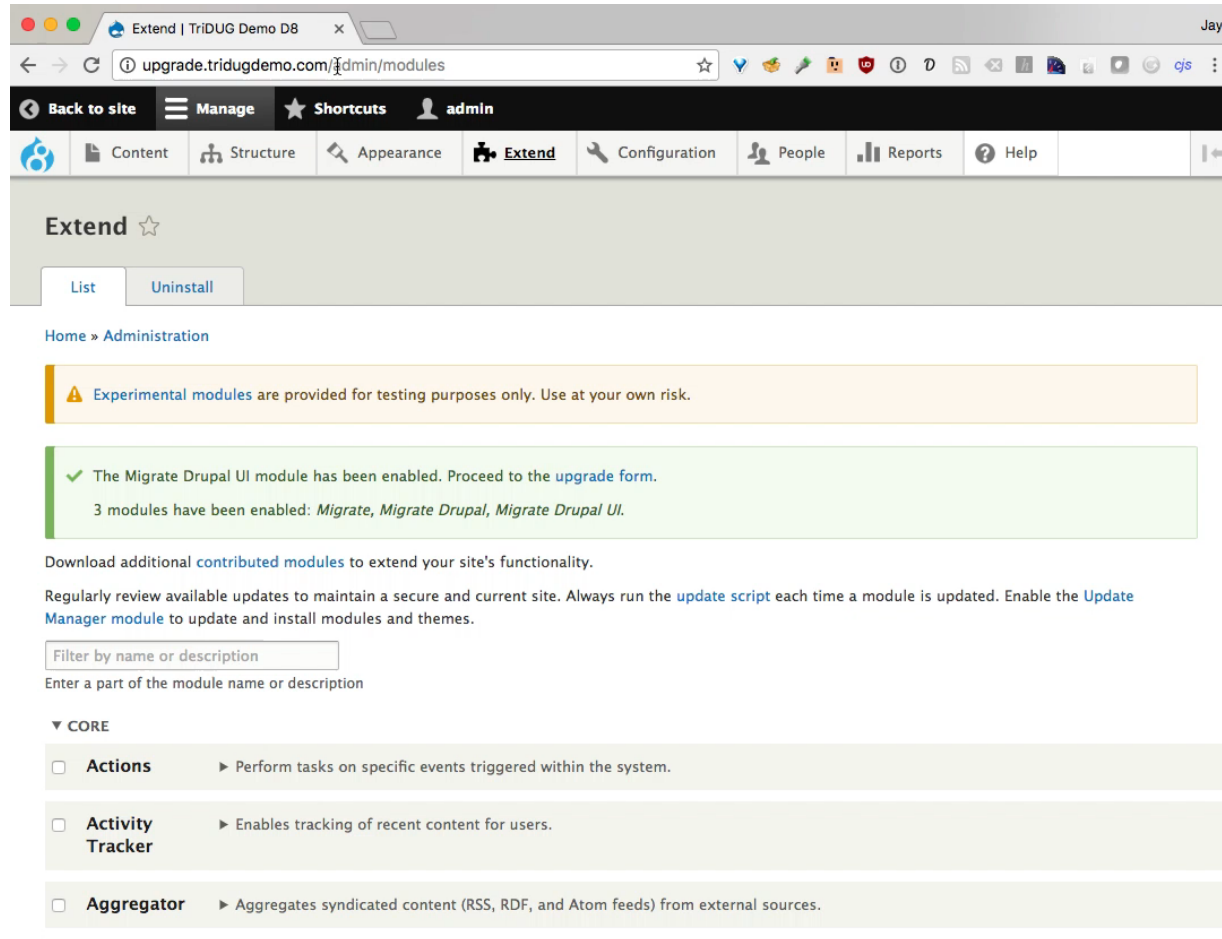


# Let's Migrate!

- Go to /upgrade
- Click “Continue”.
- Enter database info for old site.
- Enter path to the base of the old Drupal installation (not to the files directory):  
/app/jbc/tridugdemo/production/htdocs
- Click “Review upgrade”.



# Let's Migrate!



Extend | TriDUG Demo D8

upgrade.tridugdemo.com/admin/modules

Back to site Manage Shortcuts admin

Content Structure Appearance **Extend** Configuration People Reports Help

## Extend

List Uninstall

Home » Administration

⚠ Experimental modules are provided for testing purposes only. Use at your own risk.

✓ The Migrate Drupal UI module has been enabled. Proceed to the [upgrade form](#).  
3 modules have been enabled: *Migrate, Migrate Drupal, Migrate Drupal UI*.

Download additional [contributed modules](#) to extend your site's functionality.

Regularly review available updates to maintain a secure and current site. Always run the [update script](#) each time a module is updated. Enable the [Update Manager module](#) to update and install modules and themes.

Filter by name or description

Enter a part of the module name or description

▼ CORE

- ☐ **Actions** ► Perform tasks on specific events triggered within the system.
- ☐ **Activity Tracker** ► Enables tracking of recent content for users.
- ☐ **Aggregator** ► Aggregates syndicated content (RSS, RDF, and Atom feeds) from external sources.

# Let's Migrate!

- It will show all the items that won't be migrated and everything that will.
- Click “Perform upgrade”.

# Let's Migrate!

The screenshot shows a web browser window with the URL `upgrade.tridugdemo.com/upgrade`. The page title is "Are you sure?". The navigation bar includes links for "Back to site", "Manage", "Shortcuts", and "admin". Below the navigation bar is a secondary menu with icons and labels for "Content", "Structure", "Appearance", "Extend", "Configuration", "People", "Reports", and "Help".

The main content area displays the "Are you sure?" heading with a star icon. Below this is a "Home" link and an "Upgrade analysis report" section. The report lists "15 available upgrade paths" and "45 missing upgrade paths". Under the "Missing upgrade paths" section, a message states: "The following items will not be upgraded. For more information see [Upgrading from Drupal 6 or 7 to Drupal 8](#)."

SOURCE	DESTINATION
admin_devel	Missing
admin_menu	Missing
admin_menu_toolbar	Missing
boost	Missing
color	Missing
context	Missing
context_ui	Missing
contextual	Missing
ct_kitten	Missing

At the bottom of the table, there is a status bar showing "Waiting for upgrade.tridugdemo.com..." and a set of three dots.

# Let's Migrate!

Are you sure? | TriDUG Demo

upgrade.tridugdemo.com/upgrade

Back to site Manage Shortcuts admin

Content Structure Appearance Extend Configuration People Reports Help

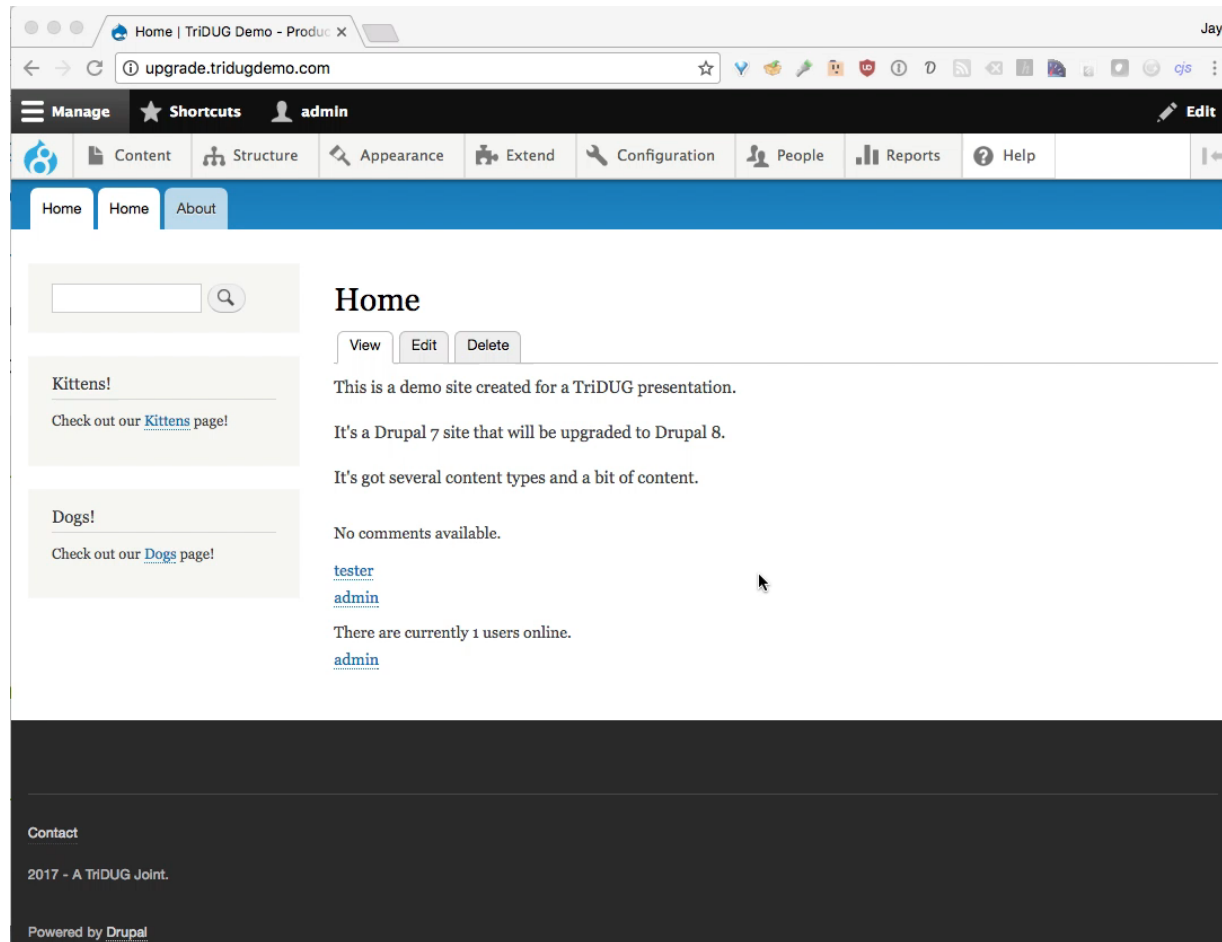
comment	comment
dblog	dblog
field	field
file	file
filter	filter
image	image
menu	menu_link_content menu_ui system
node	node
path	path
search	search
system	file system
taxonomy	taxonomy
text	text
user	user

Perform upgrade Cancel

# Yay! It's Done!

- Content types created.
- Users and content migrated.
- Blocks created.
- Settings transferred over.
- And more!

# Yay, It's Done!





Yay! It's Done!



Not so fast, Joan!



# Not so fast, Joan!

- It doesn't create Views.
- Does some weird stuff with blocks (they're everywhere).
- Doesn't set image styles correctly.
- Doesn't set text formats correctly.
- Need to recreate Pathauto settings.
- May duplicate menu items.
- Adds comments field even when hidden on old site.

# Not so fast, Joan!

The screenshot shows a web browser window with the address bar displaying `upgrade.tridugdemo.com`. The page title is "Home | TriDUG Demo - Production". The user is logged in as "Jay". The navigation menu includes "Manage", "Shortcuts", and "admin". The main navigation bar contains links for "Content", "Structure", "Appearance", "Extend", "Configuration", "People", "Reports", and "Help". The user's account link "My account" and "Log out" are visible in the top right.

The main content area has a blue header with the "TriDUG Demo - Production" logo and a search bar. Below the header, there are three tabs: "Home", "Home", and "About". The "Home" tab is selected.

The main content area is titled "Home" and has three buttons: "View", "Edit", and "Delete". The content below the buttons is as follows:

This is a demo site created for a TriDUG presentation.

It's a Drupal 7 site that will be upgraded to Drupal 8.

It's got several content types and a bit of content.

No comments available.

[tester](#)

[admin](#)

There are currently 1 users online.

[admin](#)

# It was migrated, though!

- You can then clean things up, delete blocks, create views, etc.
- This is really just meant to be done once.
- Not for a site with content being actively added.
- Would need to bring site down, perform upgrade, then bring it back up.
- Could do this in development one time, build new theme, get that ready, then do it again.
- May be good enough!

It was migrated, though!





# Not good enough?

- What if you need something a little more complicated?
- This will involve drush, YAML files, and some PHP, but will probably be closer to a real-life migration for a bigger site.

# More complicated!?!?



# Developers...



# Stick with me!

- Maybe (hopefully) you learned a lot since the old site was created and want to build something better.
- Maybe you want to change some content types.
- Maybe you don't want to migrate blocks or other items.
- Maybe content and/or comments are being added continuously.

# A Better Way

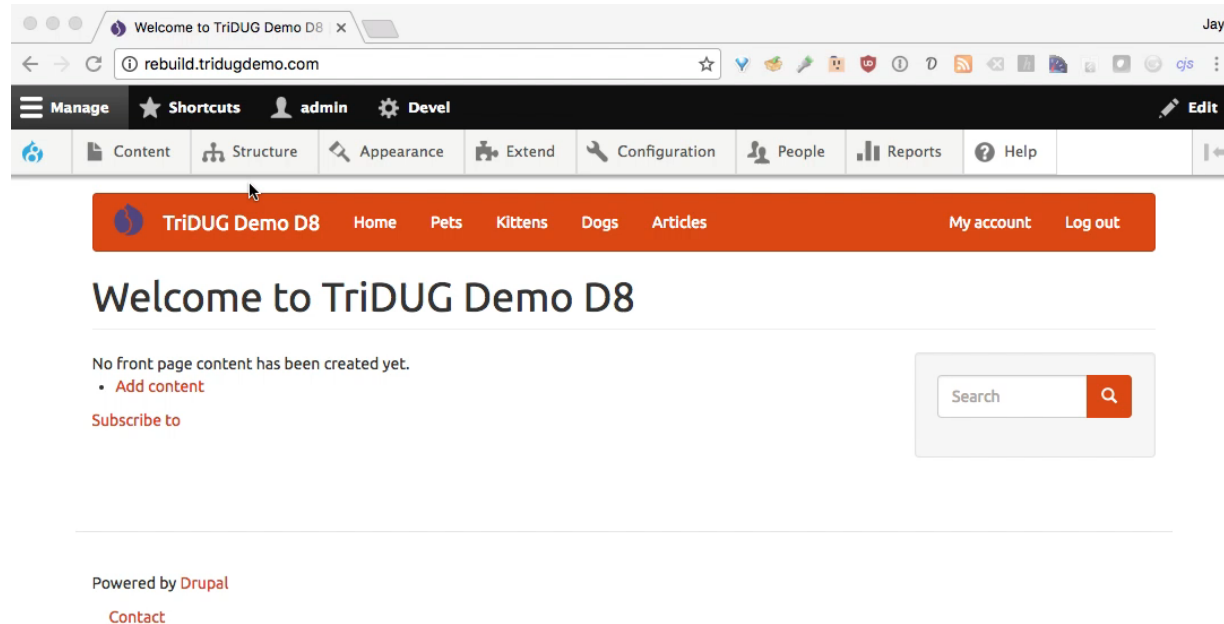
- Build the site from scratch.
- Migrate the content over.
- Work on theme, etc.
- Migrate again, getting any content that was added since last time.
- Repeat migrations until ready to go live.
- Do final migration.
- Go live!

# Build your new D8 site

- First, install D8 and build the new site.
- Build Content types
  - Page
  - Article
  - Pet (replaces Kitten and Dog) – Has a new Type field that can be set to Kitten, Dog, Snake, etc.
- Create Views
- Create/configure new theme.
- Take snapshot of database before migrating.



# Build your new D8 site



# Add Database Settings

- Now, add some database connection into (for the old site) to your settings.php

```
// Database entry for `drush migrate-upgrade --configure-only`
$databases['upgrade']['default'] = array (
  'database' => 'tridugdemo_prod',
  'username' => 'tridugdemo',
  'password' => 'myReallySecurePasswordHere!',
  'host' => 'localhost',
  'port' => '3306',
  'driver' => 'mysql',
  'prefix' => '',
  'collation' => 'utf8mb4_general_ci',
);

// Required for actual migration.
$databases['drupal_7']['default'] = $databases['upgrade']['default'];
```

# Create Custom Module

- Create Info file:

modules/custom/tridug\_rebuild\_migrate/tridug\_rebuild\_migrate.info.yml

```
name: tridug_rebuild_migrate
type: module
description: A custom Drupal-to-Drupal migration for TriDUG
core: 8.x
package: Custom
dependencies:
  - migrate_drupal
  - migrate_plus
  - migrate_tools
```

- Create Directory here for config files:

modules/custom/tridug\_rebuild\_migrate/config/install/

# Create Configuration Files

- Install and enable migrate\_tools migrate\_upgrade migrate\_plus modules

```
$ drush en migrate_tools migrate_upgrade  
migrate_plus
```

- Create D8 configurations in the database:

```
$ drush migrate-upgrade --legacy-root=/app/jbc/  
tridugdemo/production/htdocs --configure-only
```

- Export these to the file system:

```
$ drush config-export --destination=/tmp/migrate
```

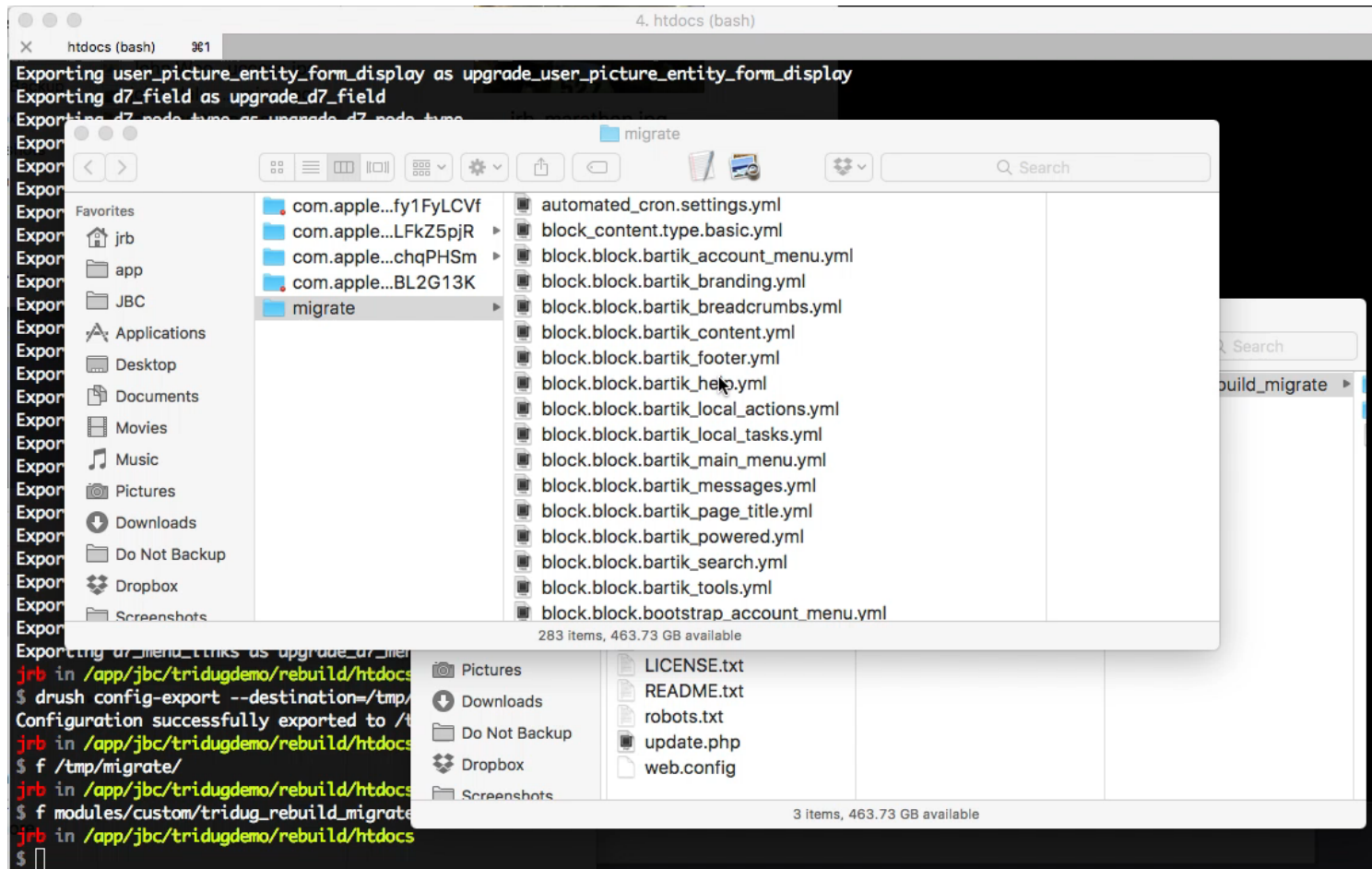
# Create Configuration Files

```
4. htdocs (bash)
htdocs (bash) 361
-rw-r--r-- 1 jrb staff 262 Dec 7 13:31 autoload.php/
-rw-r--r-- 1 jrb staff 1471 Jan 24 22:37 composer.json
-rw-r--r-- 1 jrb staff 187794 Jan 24 22:41 composer.lock
drwxr-xr-x 32 jrb staff 1088 Dec 7 13:31 core/
-rw-r--r-- 1 jrb staff 1346 Dec 7 13:31 example.gitignore
-rw-r--r-- 1 jrb staff 549 Dec 7 13:31 index.php
drwxr-xr-x 6 jrb staff 204 Jan 25 21:32 modules/
drwxr-xr-x 3 jrb staff 102 Dec 7 13:31 profiles/
-rw-r--r-- 1 jrb staff 1596 Dec 7 13:31 robots.txt
drwxr-xr-x 7 jrb staff 238 Jan 23 22:14 sites/
drwxr-xr-x 4 jrb staff 136 Jan 25 21:48 themes/
-rw-r--r-- 1 jrb staff 554 Dec 7 13:31 update.php
drwxr-xr-x 40 jrb staff 1360 Jan 24 22:41 vendor/
-rw-r--r-- 1 jrb staff 4555 Dec 7 13:31 web.config
jrb in /app/jbc/tridugdemo/rebuild/htdocs
$ ll
total 488
-rw-r--r-- 1 jrb staff 262 Dec 7 13:31 autoload.php
-rw-r--r-- 1 jrb staff 18092 Nov 16 18:57 LICENSE.txt
-rw-r--r-- 1 jrb staff 5889 Dec 7 13:31 README.txt
-rw-r--r-- 1 jrb staff 262 Dec 7 13:31 autoload.php/
-rw-r--r-- 1 jrb staff 1471 Jan 24 22:37 composer.json
-rw-r--r-- 1 jrb staff 187794 Jan 24 22:41 composer.lock
drwxr-xr-x 32 jrb staff 1088 Dec 7 13:31 core/
-rw-r--r-- 1 jrb staff 1346 Dec 7 13:31 example.gitignore
-rw-r--r-- 1 jrb staff 549 Dec 7 13:31 index.php
drwxr-xr-x 6 jrb staff 204 Jan 25 21:32 modules/
drwxr-xr-x 3 jrb staff 102 Dec 7 13:31 profiles/
-rw-r--r-- 1 jrb staff 1596 Dec 7 13:31 robots.txt
drwxr-xr-x 7 jrb staff 238 Jan 23 22:14 sites/
drwxr-xr-x 4 jrb staff 136 Jan 25 21:48 themes/
-rw-r--r-- 1 jrb staff 554 Dec 7 13:31 update.php
drwxr-xr-x 40 jrb staff 1360 Jan 24 22:41 vendor/
-rw-r--r-- 1 jrb staff 4555 Dec 7 13:31 web.config
jrb in /app/jbc/tridugdemo/rebuild/htdocs
$
```

# Move Configuration Files

- That export will actually give us all of the configurations for the entire D8 site. We'll just need the migration configurations for the parts of the migration we want to do:
  - Files
  - Content (page, article, kitten, dog)
  - Taxonomy terms
  - Users
- Move these files only to our module.

# Move Configuration Files



# Edit Configuration Files

- Change the filters so we manually map them. By default, it will migrate the filters from the old site and create new ones. D8 has its own. Remove dependencies.
- Change the dog and kitten content types so they migrate to our new Pets content type. Set the Type field based on the source content type
- Remove dependency on *upgrade\_d7\_node\_type* because we're not going to create content types via migration.



# Edit Configuration Files

```
29 revision_timestamp: timestamp
30 body:
31   plugin: iterator
32   source: body
33   process:
34     value: value
35     format:
36       -
37         plugin: static_map
38         bypass: true
39         source: format
40         map:
41           - null
42       -
43         plugin: skip_on_empty
44         method: process
45       -
46         plugin: migration
47         migration:
48           - upgrade_d6_filter_format
49           - upgrade_d7_filter_format
50         source: format
51 field_image:
52   plugin: iterator
53   source: field_image
54   process:
55     target_id: fid
56     alt: alt
57     title: title
58     width: width
59     height: height
60 destination:
61   plugin: 'entity:node'
62   default_bundle: kitten
63 migration_dependencies:
64   required:
65     - upgrade_d7_user
66     - upgrade_d7_node_type
67   optional:
68     - upgrade_d7_field_instance
69     - upgrade_d6_filter_format
70     - upgrade_d7_filter_format
71
```

```
22 status: status
23 created: created
24 changed: changed
25 promote: promote
26 sticky: sticky
27 revision_uid: revision_uid
28 revision_log: log
29 revision_timestamp: timestamp
30 body:
31   plugin: iterator
32   source: body
33   process:
34     value: value
35     format:
36       plugin: static_map
37       bypass: true
38       source: format
39       map:
40         full_html: full_html
41         filtered_html: basic_html
42 field_image:
43   plugin: iterator
44   source: field_image
45   process:
46     target_id: fid
47     alt: alt
48     title: title
49     width: width
50     height: height
51 field_type:
52   plugin: default_value
53   default_value: Kitten
54 destination:
55   plugin: 'entity:node'
56   default_bundle: pet
57 migration_dependencies:
58   required:
59     - upgrade_d7_user
60   optional:
61     - upgrade_d7_field_instance
62
```

# Add Custom Source Plugin

- Want to pre-process rows to change the incoming data in some way.
- Create custom source plugin in our module:

`modules/custom/tridug_rebuild_migrate/src/Plugin/migrate/source/Node.php`

- For this demo, we're only going to implement the `prepareRow()` method.
- We can change values in the incoming data row and skip it, if we want.
- We're going to check to see if it's the old home page and skip it because we want to create a new version.
- To skip a row, just return `FALSE` from the method.

# Add Custom Source Plugin

```
<?php

namespace Drupal\tridug_rebuild_migrate\Plugin\migrate\source;

use Drupal\migrate\Row;
use Drupal\node\Plugin\migrate\source\d7\Node as D7Node;

/**
 * Extends Drupal 7 node source from database.
 *
 * @MigrateSource(
 *   id = "custom_page",
 *   source_provider = "node"
 * )
 */
class Node extends D7Node {
  /**
   * {@inheritdoc}
   */
  public function prepareRow(Row $row) {
    // Get the old Node ID.
    $nid = $row->getSourceProperty('nid');
    if ($nid == 59) {
      // If it's the old home page, don't bother importing because we'll have
      // a new one on the D8 site.
      return FALSE;
    }
    // Call the parent method.
    return parent::prepareRow($row);
  }
}
```

# Need to update Configuration

- Tell it to use our plugin for Pages.

migrate\_plus.migration.upgrade\_d7\_node\_page.yml

```
uuid: 3f27ec36-b1c8-4cf0-bf5c-9dcacd8759e8
langcode: en
status: true
dependencies: { }
id: upgrade_d7_node_page
migration_tags:
  - 'Drupal 7'
migration_group: migrate_drupal_7
label: 'Nodes (Basic page)'
source:
  plugin: d7_node
  node_type: page
process:
  nid: nid
  vid: vid
  langcode:
    plugin: default_value
    source: language
    default_value: und
  title: title
  uid: node_uid
```

```
uuid: 3f27ec36-b1c8-4cf0-bf5c-9dcacd8759e8
langcode: en
status: true
dependencies: { }
id: upgrade_d7_node_page
migration_tags:
  - 'Drupal 7'
migration_group: migrate_drupal_7
label: 'Nodes (Basic page)'
source:
  plugin: custom_page
  node_type: page
process:
  nid: nid
  vid: vid
  langcode:
    plugin: default_value
    source: language
    default_value: und
  title: title
  uid: node_uid
```

# Run migration via drush

```
# Enable our custom module:
```

```
$ drush en tridug_rebuild_migrate -y
```

```
# Check to see the status of our migrations
```

```
$ drush migrate-status
```

```
# Run the migrations
```

```
drush migrate-import --all
```

# Run migration via drush

```
4. htdocs (bash)
htdocs (bash) 361
Exporting user_picture_entity_form_display as upgrade_user_picture_entity_form_display
Exporting d7_field as upgrade_d7_field
Exporting d7_node_type as upgrade_d7_node_type
Exporting d7_comment_type as upgrade_d7_comment_type
Exporting d7_field_instance as upgrade_d7_field_instance
Exporting d7_user as upgrade_d7_user
Exporting d7_node:article as upgrade_d7_node_article
Exporting d7_node:dog as upgrade_d7_node_dog
Exporting d7_node:kitten as upgrade_d7_node_kitten
Exporting d7_node:page as upgrade_d7_node_page
Exporting d7_comment as upgrade_d7_comment
Exporting d7_comment_field as upgrade_d7_comment_field
Exporting d7_comment_field_instance as upgrade_d7_comment_field_instance
Exporting d7_comment_entity_display as upgrade_d7_comment_entity_display
Exporting d7_comment_entity_form_display as upgrade_d7_comment_entity_form_display
Exporting d7_comment_entity_form_display_subject as upgrade_d7_comment_entity_form_display_subject
Exporting d7_view_modes as upgrade_d7_view_modes
Exporting d7_field_formatter_settings as upgrade_d7_field_formatter_settings
Exporting d7_field_instance_widget_settings as upgrade_d7_field_instance_widget_settings
Exporting d7_node_revision:article as upgrade_d7_node_revision_article
Exporting d7_node_revision:dog as upgrade_d7_node_revision_dog
Exporting d7_node_revision:kitten as upgrade_d7_node_revision_kitten
Exporting d7_node_revision:page as upgrade_d7_node_revision_page
Exporting d7_node_title_label as upgrade_d7_node_title_label
Exporting d7_menu as upgrade_d7_menu
Exporting d7_menu_links as upgrade_d7_menu_links
jrb in /app/jbc/tridugdemo/rebuild/htdocs
$ drush config-export --destination=/tmp/migrate
Configuration successfully exported to /tmp/migrate. [success]
jrb in /app/jbc/tridugdemo/rebuild/htdocs
$ f /tmp/migrate/
jrb in /app/jbc/tridugdemo/rebuild/htdocs
$ f modules/custom/tridug_rebuild_migrate/
jrb in /app/jbc/tridugdemo/rebuild/htdocs
$
```

# Migration Complete!

- We've got all the content from the old site.
- Kittens and Dogs are now Pets with the Type set correctly.
- Our views work.
- It's using the right image styles and text formats.

# Migration Complete!

The screenshot displays a web browser window with the address bar showing "rebuild.tridugdemo.com". The website's header features a dark navigation bar with links for "Manage", "Shortcuts", "admin", and "Devel". Below this is a secondary navigation bar with icons and labels for "Content", "Structure", "Appearance", "Extend", "Configuration", "People", "Reports", and "Help". A prominent orange banner contains the site title "TriDUG Demo D8" and navigation links for "Home", "Pets", "Kittens", "Dogs", "Articles", "My account", and "Log out".

The main content area lists two entries:

- Arya**: Submitted by **admin** on Mon, 01/23/2017 - 20:29. The entry includes a small image of a kitten and the text: "Type: Kitten. New kitten in town. Found on the side of the road while biking. [Read more](#)".
- Ivy**: Submitted by **admin** on Mon, 01/23/2017 - 20:25. The entry includes a small image of a dog and the text: "Type: Dog. Ivy is a very good guard dog. [Read more](#)".

Below the "Ivy" entry, the title "Decet Hendrerit" is partially visible. A search bar is located on the right side of the page.



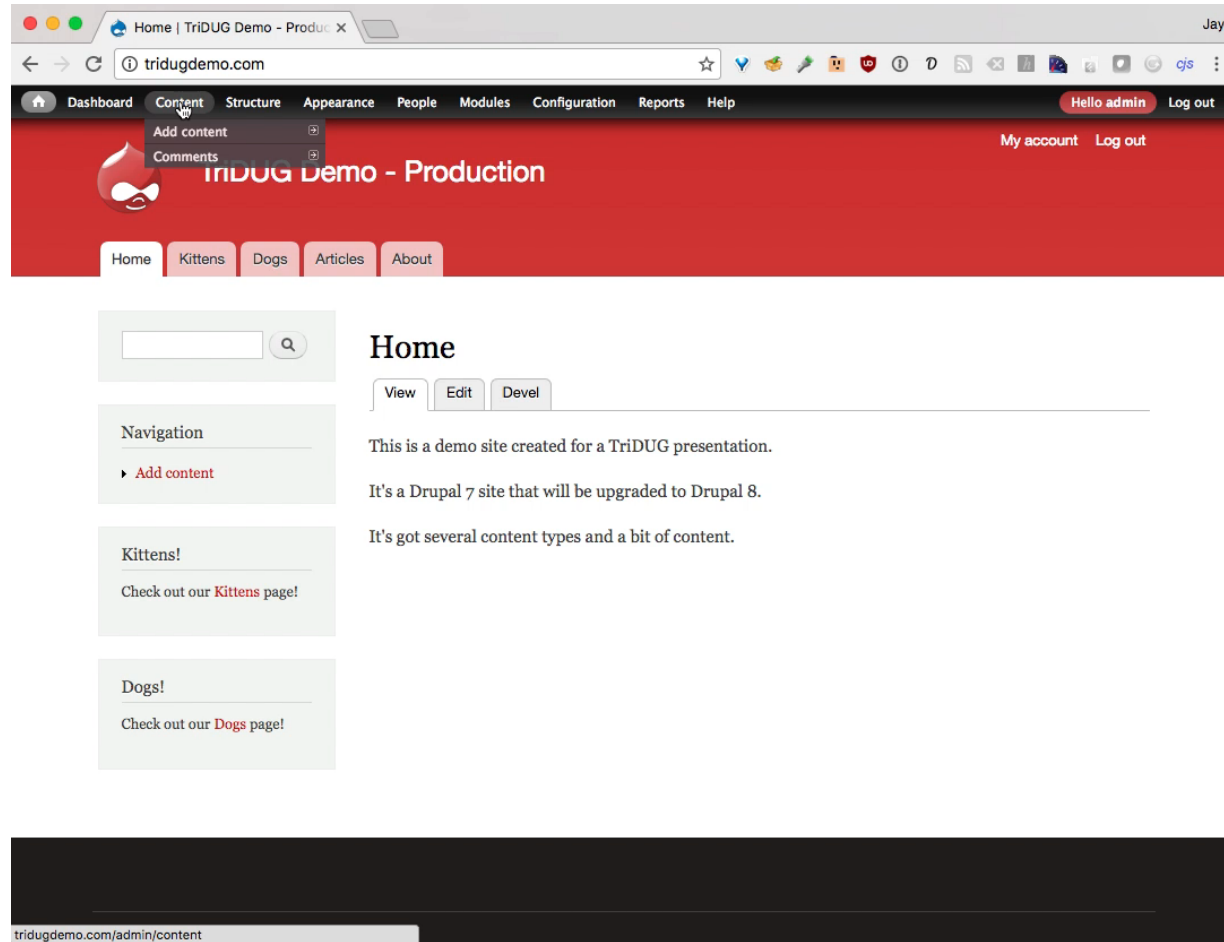
# Migration Complete!



## New Content Added to Old Site, But...

- Now people keep adding content to the old site because that's still the live site.
- We need to make sure migrate that, too.

# New Content Added to Old Site



# Migrate New Content

```
# Check to see the status  
$ drush migrate-status
```

**New content! Need to run some migrations again.**

```
# Re-run some migrations  
drush migrate-import upgrade_d7_file,upgrade_d7_node_dog
```

# Migrate New Content

```
5. htdocs (bash)
htdocs (bash) 361
Do you really want to drop all tables in the database embdev_tridugdemo_rebuild? (y/n): y

jrb in /app/jbc/tridugdemo/rebuild/htdocs
$ drush en tridug_rebuild_migrate -y
The following extensions will be enabled: tridug_rebuild_migrate, migrate_tools, migrate_plus, migrate, migrate_drupal
Do you really want to continue? (y/n): y
migrate was enabled successfully.
migrate_drupal was enabled successfully.
migrate_plus was enabled successfully.
migrate_tools was enabled successfully.
migrate_tools defines the following permissions: administer migrations
tridug_rebuild_migrate was enabled successfully.
jrb in /app/jbc/tridugdemo/rebuild/htdocs
$ drush migrate-status
Group: Import from Drupal 7 (migrate_drupal_7)


|                                | Status | Total | Imported | Unprocessed | Last imported |
|--------------------------------|--------|-------|----------|-------------|---------------|
| upgrade_d7_file                | Idle   | 16    | 0        | 16          |               |
| upgrade_d7_taxonomy_vocabulary | Idle   | 1     | 0        | 1           |               |
| upgrade_d7_taxonomy_term       | Idle   | 7     | 0        | 7           |               |
| upgrade_d7_user                | Idle   | 2     | 0        | 2           |               |
| upgrade_d7_node_article        | Idle   | 10    | 0        | 10          |               |
| upgrade_d7_node_dog            | Idle   | 1     | 0        | 1           |               |
| upgrade_d7_node_kitten         | Idle   | 6     | 0        | 6           |               |
| upgrade_d7_node_page           | Idle   | 2     | 0        | 2           |               |


jrb in /app/jbc/tridugdemo/rebuild/htdocs
$ drush migrate-import --all
Processed 16 items (16 created, 0 updated, 0 failed, 0 ignored) - done with 'upgrade_d7_file'
Processed 1 item (1 created, 0 updated, 0 failed, 0 ignored) - done with 'upgrade_d7_taxonomy_vocabulary'
Processed 7 items (7 created, 0 updated, 0 failed, 0 ignored) - done with 'upgrade_d7_taxonomy_term'
Processed 2 items (2 created, 0 updated, 0 failed, 0 ignored) - done with 'upgrade_d7_user'
Processed 10 items (10 created, 0 updated, 0 failed, 0 ignored) - done with 'upgrade_d7_node_article'
Processed 1 item (1 created, 0 updated, 0 failed, 0 ignored) - done with 'upgrade_d7_node_dog'
Processed 6 items (6 created, 0 updated, 0 failed, 0 ignored) - done with 'upgrade_d7_node_kitten'
Processed 1 item (1 created, 0 updated, 0 failed, 0 ignored) - done with 'upgrade_d7_node_page'
jrb in /app/jbc/tridugdemo/rebuild/htdocs
$
```

# New Content Migrated

Browser window showing the TridUG Demo D8 interface. The address bar displays `rebuild.tridugdemo.com/pets/dog/ivy`. The user is logged in as `admin`.

The navigation bar includes links for `Home`, `Pets`, `Kittens`, `Dogs`, and `Articles`. The `Kittens` link is currently selected.

The breadcrumb trail shows `Pets / Ivy`.

The main content area displays the title `Ivy` and the following information:

- Submitted by `admin` on Mon, 01/23/2017 - 20:25
- Type: Dog
- Ivy is a very good guard dog.

A photograph of a dog (Ivy) is shown below the text. The photo depicts a grassy field with a fence and trees in the background.

A search bar is visible on the right side of the page.



Now, we're really done!



# Problems Encountered

- Things are still changing.
- Current, correct documentation is hard to find.
- Once I got it running, the main problem I had was that I couldn't have any preexisting content. It would get mangled.



# Resources

Overview on d.o:

<https://www.drupal.org/docs/8/upgrade/brief-overview-and-history-of-automated-upgrading-to-drupal-8>

Nice basic tutorial:

<https://drupalize.me/blog/201604/custom-drupal-drupal-migrations-migrate-tools>

Lots of info from a maintainer of Migrate modules:

<http://mikeryan.name/blog/mikeryan/drupal-8-migration-all-modules>

Very helpful advanced tutorial:

<https://cheppers.com/blog/migrate-d8-pt2>

# Go forth and Migrate!





An older item named "cat-typing.gif" already exists in this location. Do you want to replace it with the newer one you're moving?

Keep Both

Stop

Replace