

## Practical Guide: Migrating from Drupal 7 to Drupal 10

This guide is designed for developers familiar with Drupal 9/10 but new to Drupal 7, to help them smoothly execute a migration project. It breaks down what works, what does not, and what must be done post-migration, with commands and examples.

### What Works Automatically (Migrate Drupal)

#### YES Core Entities That Migrate Well:

- Content types
- Nodes (content)
- Taxonomies
- Users
- Files / Media (with configuration)
- Basic fields

#### Command Example:

```
drush migrate-upgrade --legacy-db-url=mysql://user:pass@localhost/drupal7db --legacy-root=/path/to/d7-root
```

### What Will Not Work Automatically

#### NO Items Requiring Manual Work:

1. Contrib Modules
2. Views
3. Blocks & Panels
4. Themes
5. Custom Code
6. Menus (partially)

### What Needs to Be Done in Drupal 10

#### 1. Install Clean Drupal 10

```
composer create-project drupal/recommended-project mysite
```

#### 2. Enable Migration Modules

```
cd mysite
```

```
drush en migrate migrate_drupal migrate_drupal_ui
```

#### 3. Prepare Migration

- Copy D7 database locally
- Copy D7 /sites/default/files folder

#### 4. Migrate Content

```
drush migrate-upgrade --legacy-db-url=mysql://user:pass@localhost/drupal7db --legacy-root=/path/to/d7-root
```

#### 5. Rebuild Views

Manually recreate views.

#### 6. Install & Configure Contrib Modules

```
composer require drupal/pathauto drupal/webform drupal/redirect
drush en pathauto
```

#### 7. Rebuild Theme

```
drush generate theme
```

## 8. Rewrite Custom Code

```
use Drupal\Core\Form\FormStateInterface;

function mymodule_form_alter(&$form, FormStateInterface $form_state, $form_id) {
  // Custom form alterations
}
```

## 9. Test and Finalize

```
drush migrate:status
drush migrate:import --all
drush migrate:rollback --all
```

## 10. Final Go-Live Migration

- Freeze D7 content.
- Re-run migration.

Summary Table:

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Area	Auto Migrates	Manual Work
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Content Types	YES	-
Nodes	YES	-
Taxonomy	YES	-
Users	YES	-
Files	YES	-
Views	NO	YES
Blocks	NO	YES
Contrib Modules	NO	YES
Themes	NO	YES
Custom Code	NO	YES

Pro Tips:

- Document all mappings.
- Use migrate\_plus and migrate\_tools.
- Backup everything.