

Installing Drupal

Pre-installation software checklist

Drupal requires the following to be set-up and running prior to beginning your installation:

- Apache web server.
- MySQL databases are recommended.
- PHP 4 (4.3.5 or greater) or PHP 5 (<http://www.php.net/>).

Installation Steps

These are the quick “get-up-and-running” installation steps for Drupal. A more comprehensive installation guide is available from [Drupal.org](http://drupal.org).

1. Obtain the latest [Drupal](http://drupal.org) release and extract the contents of the compressed file.

Islandora is currently only compatible with Drupal 6.x.

2. Move the contents of the drupal-x.x directory into a directory within your web server's document root or public HTML directory (ensure that the .htaccess file, a hidden file, is successfully moved into the destination directory as well).

```
mv drupal-x.x/\.* drupal-x.x/.htaccess /var/www/html
```

3. Make a copy of the default.settings.php file in the sites/default directory and name the copy settings.php.

```
cp sites/default/default.settings.php sites/default/settings.php
```

4. Give the web server “write privileges” to sites/default/settings.php and the sites/default/ directory:

```
chmod u+w sites/default/settings.php
chmod u+w sites/default
```

5. Create a database for Drupal. Make note of your username and password as you will need it when the Drupal install script runs.

```
mysqladmin -u <mysqlusername> -p create <databasename>
mysql -u <mysqlusername> -p

enter your password

grant all on <databasename>.* to <db_user_name>@<server> identified by '<password>';

flush privileges;
```

6. Run the install script by pointing your browser to the base URL of your website (e.g. <http://www.example.com/>).
7. Work through the on-screen steps to complete the Drupal site installation.
8. When the install script succeeds, you will be directed to the "Welcome" page, and you will be logged in as the administrator.
9. Proceed with the initial configuration steps suggested on the "Welcome" page.

If you plan on uploading large files via Islandora you may want to increase the maximum file size settings in Drupal. You can do this by creating a custom INI file in /etc/php5.d/conf.d with the following settings:

```
upload_max_filesize = 64M
post_max_size = 100M
memory_limit = 128M
```

You must then restart Apache using one of the following commands:

```
/etc/init.d/apache reload
OR
/etc/init.d/httpd restart
```

For a good introduction to Drupal and to learn how to harness its power and potential to create a site that meets your needs, access Drupal's extensive [online documentation](http://drupal.org). Drupal's active [open source community](http://drupal.org) is another valuable source of information.