

# DRUPAL WORKSHOP

AARON RUBINSTEIN \* 2/17/09

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## 1. Installing Drupal

Installing Drupal is surprisingly easy. These instructions assume you already have a web server like Apache, MySQL, and PHP installed.

### 1.1 Download Drupal

To download the most recent release of Drupal, go here:

<http://drupal.org/project/drupal+project>

### 1.2 Prepare the database

Before you can install Drupal, you'll need to create a dedicated database and user for Drupal.

Either using a web client like phpMyAdmin or the command line, create a database for Drupal and a user for that database. Make sure you remember the database name, username, and password, you'll need it later... To set up the database on the command line (make sure to substitute your actual username, etc... for the dummy values):

```
$ mysql -u username -p
```

You'll be prompted for your MySQL password. If you log in successfully, you'll get a prompt like this:

```
mysql>
```

Enter the following commands to create the Drupal database and user:

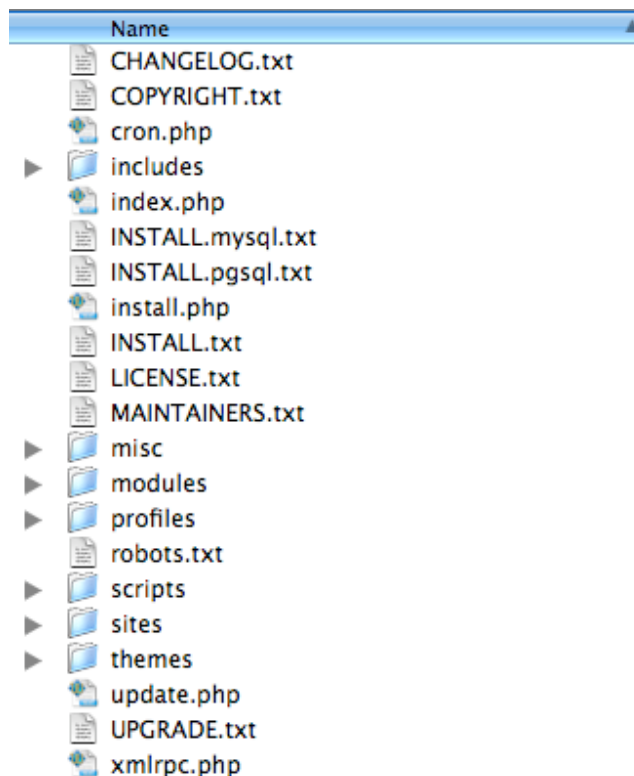
```
mysql> CREATE DATABASE databasename;
```

```
mysql> CREATE USER 'username'@'localhost' IDENTIFIED BY  
'password';
```

```
mysql> GRANT ALL PRIVILEGES ON databasename.* TO  
'username'@'localhost' WITH GRANT OPTION;
```

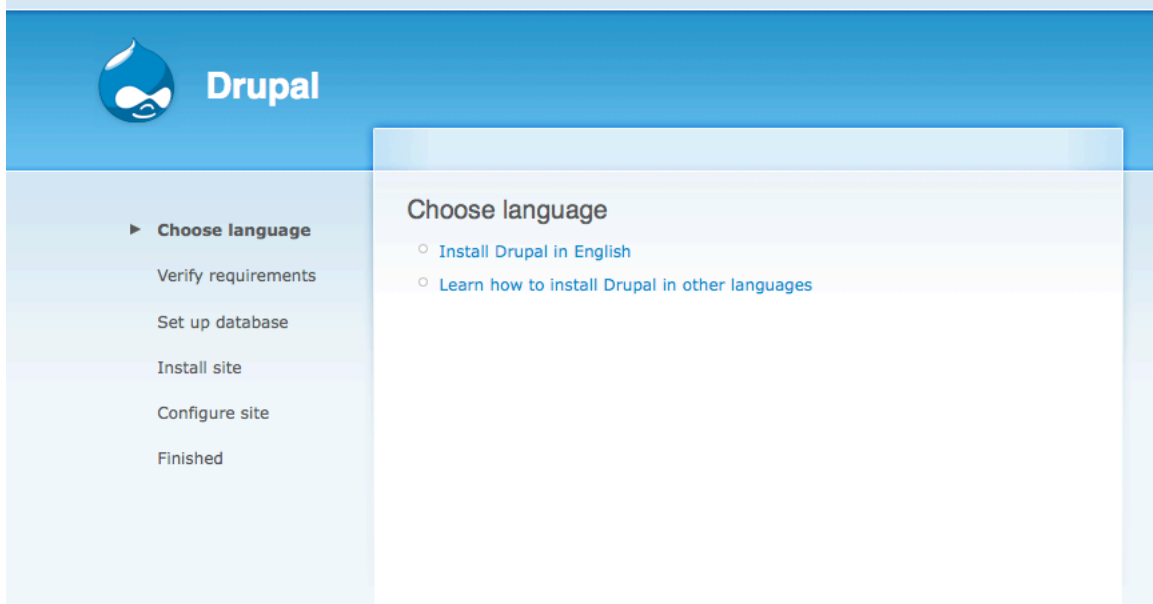
### 1.3 Install Drupal

Now it's time to install the content management system. First, put the contents of the folder you've downloaded into a directory where the web server can find them. Your Drupal directory structure should look like this:

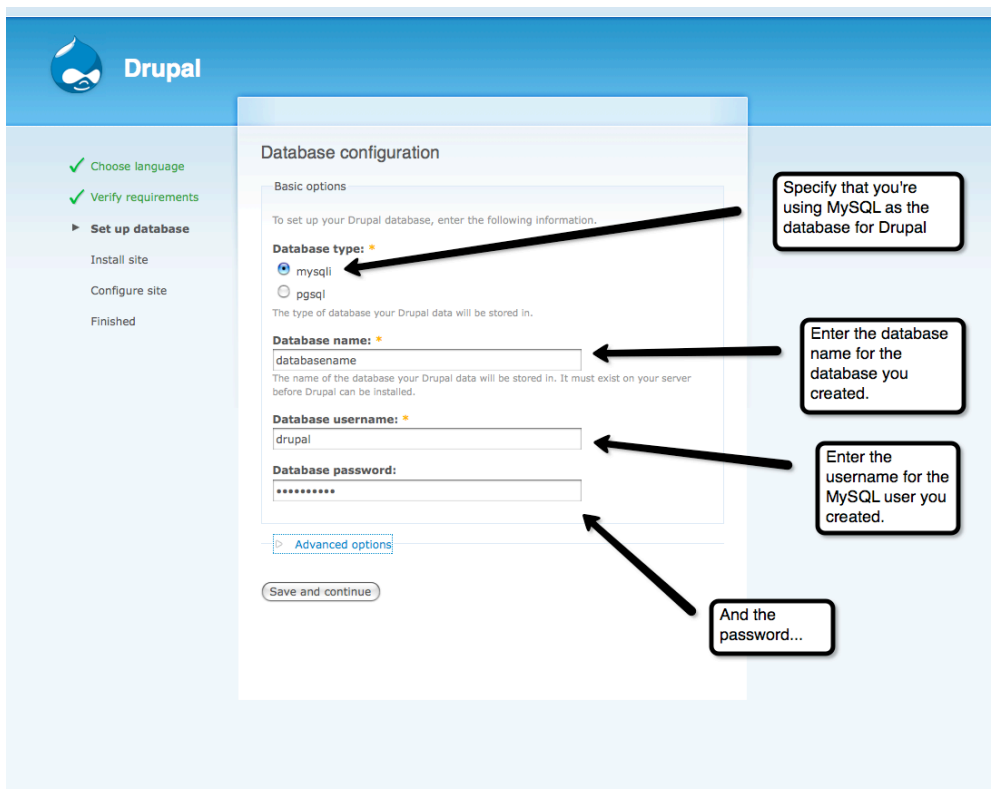


Go to sites → default and copy the file named default.settings.php and rename it settings.php. Make sure you keep the original default.settings.php file. Now you're ready to start the installer.

Navigate to "http://www.yoursitename.com" or "http://localhost" if you're trying Drupal out on a local web server. If you see this page, you're ready to install:

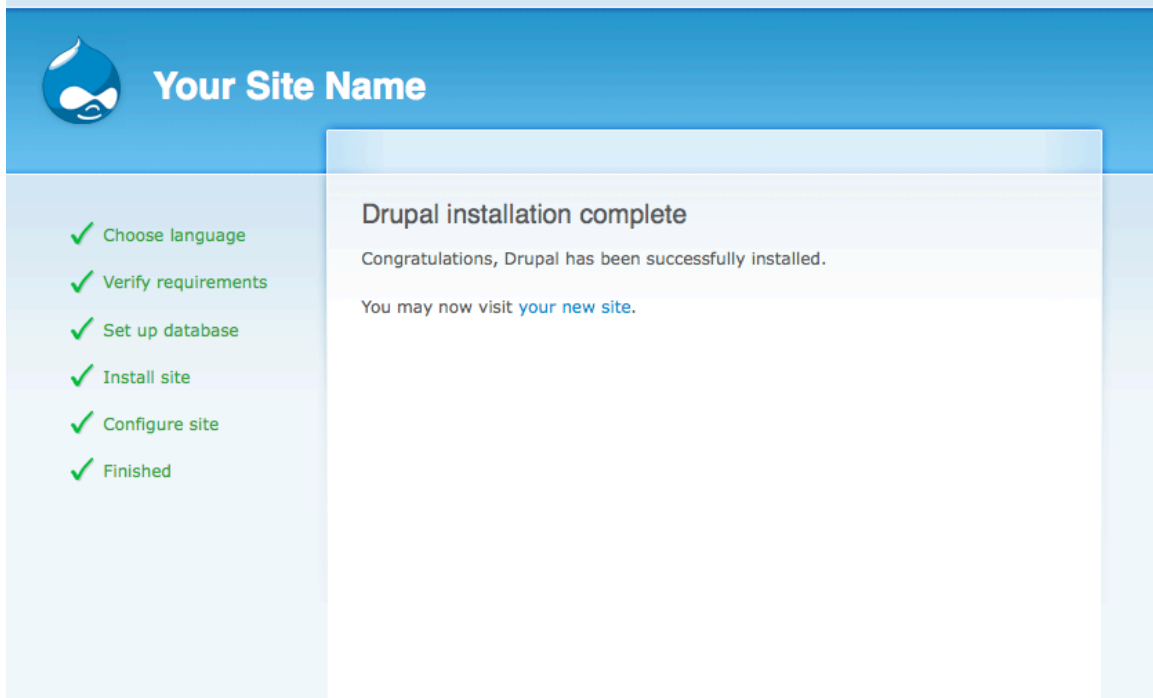


The list on the left shows the installation steps. After selecting your language, Drupal will check your server's settings to make sure everything is ready. If the server checks out, you'll see a page where you can enter your database settings:



If you've followed the database creation steps above, Drupal will now connect to the database you've created and install all its tables. Once this is done, you'll reach a page where you can enter basic information about your site. Fill out the required fields (don't worry, you'll be able to change this all later if you want):

Click "Save Configuration" and you're done! Drupal will show you this page and give you a link to your new site.



Configure away! Below are some resources to help you as you explore.

## 2 Drupal Resources

Thanks to a very active community of contributors, there are many resources online to find help. Here's some that I've found helpful.

### 2.1 Drupal.org (D.O)

Some key pages on Drupal's main site:

\* *Drupal's Official Guides*, <http://drupal.org/handbooks>

Drupal's official guides, or handbooks, are a great first place to go when you're first starting out.

\* *Download Modules*, <http://drupal.org/project/Modules>

The list of available Drupal modules and links to download. The first place to go when you need some extra functionality.

\* *Download Themes*, <http://drupal.org/project/Themes>

A list of user contributed themes to change the look and feel of your site.

\* *Drupal Glossary*, <http://drupal.org/getting-started/before/terminology>

Yes, it really does seem like Drupal is in another language. A place to go when it's all Greek to you.

## 2.2 Specific help

Need to accomplish a specific Drupal task? Here are some good resources:

\* *Installing Drupal*, <http://drupal.org/getting-started/6/install>

Simple, clear instructions on how to install Drupal. Maybe even better than the instructions above...

\* *Multiple Sites*, <http://drupal.org/getting-started/6/install/multi-site>

Setting up multiple sites with one Drupal installation is a useful feature and can be a little hard to get one's mind around. Here are some simple instructions.

\* *Upgrading Drupal*, <http://learnbythedrop.com/drop/70>

Drupal is constantly upgrading and making sure your site is up to date is essential to ensure your site is secure. This screencast makes it easy.

## 2.3 Drupal in libraries

There are many great places to go for information and support on using Drupal in libraries:

\* *DrupaLib*, <http://drupalib.interoperating.info/>

DrupaLib is the central meeting place for using Drupal in libraries. Here you'll find a list of libraries using Drupal, library specific modules and more.

\* *Drupal4Lib Mailing List*, <http://listserv.uic.edu/archives/drupal4lib.html>

Follow this link to subscribe to a very active mailing list. Post here with any questions you have about Drupal or just read and learn from people's responses.

## 2.4 Drupal development

Can't find what you're looking for in the Modules or Themes directories? Write your own! Here are some resources to help you:

\* *Drupal API Reference*, <http://api.drupal.org/>

The official reference to the Drupal API.

*\* Pro Drupal Development*

Pro Drupal Development is the Drupal development bible. At 800 pages, it's truly everything you've ever wanted to know about Drupal development.

*\* Using the Zen Theme, <http://drupalschool.blip.tv/#1002167>*

The Zen theme, <http://drupal.org/project/zen>, is a easy way for designers with CSS skills to design for Drupal without needing to code any PHP. This screencast shows you how.