

To get started with Drupal and understand its basics, it's helpful to go step by step through some common tasks and concepts that are fundamental to building a website with Drupal. Below are some practical steps and examples that will guide you through basic Drupal training:

** https://www.drupal.org/docs/user_guide/en/understanding-chapter.html

Step 1: Understanding Drupal's Core Concepts

Before diving into creating content, let's quickly go over the key concepts in Drupal:

1. **Nodes:** The primary content type in Drupal. A node can be an article, page, or any other custom content type.
2. **Content Types:** These are the different kinds of content on your site (e.g., Article, Basic Page, Custom content types).
3. **Blocks:** A block is a container for content, such as menus, latest posts, or advertisements, which can be placed in specific regions of your site.
4. **Views:** This is a powerful tool to display lists of content, such as creating a custom blog page or filtering articles by categories.
5. **Taxonomy:** This is the system for categorizing and tagging your content.
6. **Modules:** Drupal has many modules (plugins) that extend functionality, like contact forms, SEO optimization, etc.

Step 2: To install Drupal 10 locally using XAMPP, follow these steps:

Step 1: Install XAMPP ** <https://www.apachefriends.org/>

1. **Download XAMPP:** Go to the [XAMPP official website](https://www.apachefriends.org/) and download the version that matches your operating system (Windows, macOS, or Linux).
2. **Install XAMPP:** Run the installer and follow the prompts to install XAMPP. The installation process will include Apache, MySQL, and PHP, which are all necessary for running Drupal.

Step 2: Start XAMPP

1. **Launch XAMPP:** Open the XAMPP Control Panel.
2. **Start Apache and MySQL:** Click on the "Start" button next to Apache and MySQL to run the local server and database.

Step 3: Download and Extract Drupal 10

1. **Download Drupal 10:** Go to the official [Drupal website](https://www.drupal.org/) and download the latest version of Drupal 10.
2. **Extract Drupal:** After downloading, extract the Drupal package to the XAMPP htdocs directory:
 - **Windows:** The path is usually C:\xampp\htdocs.

- **macOS/Linux:** The path is usually /Applications/XAMPP/htdocs or /opt/lampp/htdocs.
- Extract the contents into a folder, for example, drupal10.

Step 4: Create a Database for Drupal

1. **Open phpMyAdmin:** In the XAMPP Control Panel, click on the **Admin** button next to MySQL to open phpMyAdmin in your browser.
2. **Create a New Database:**
 - Click on **Databases** at the top.
 - In the "Create database" field, enter a name for the database (e.g., drupal10_db).
 - Choose **utf8mb4_unicode_ci** as the collation.
 - Click **Create**.

Step 5: Configure Drupal

1. **Open Drupal in the Browser:** Go to <http://localhost/drupal10> (or the folder name you chose) in your browser.
2. **Select Language:** Choose your preferred language and click **Save and Continue**.
3. **Database Configuration:**
 - Enter the database name you created in phpMyAdmin (e.g., drupal10_db).
 - Set the username as root (default for XAMPP).
 - Set the password as blank (default for XAMPP).
 - Leave the advanced options as they are unless you have specific settings.
 - Click **Save and Continue**.
4. **Install Drupal:** Drupal will now begin the installation process. This might take a few minutes.

Step 6: Set Up Your Site

1. **Configure Site Information:** After the installation completes, you'll be asked to set up your site.
 - Enter a site name, email, and admin username/password.
 - Click **Save and Continue**.
2. **Finalize Installation:** The installation is complete. You can now log in to your Drupal site using the credentials you just created.

Step 7: Start Developing with Drupal

Now that Drupal is installed, you can start adding content, modules, themes, and customizing your site.

Troubleshooting Tips:

- Ensure that both Apache and MySQL are running in XAMPP.
- Check the database credentials (username: root, password: blank) if there are any issues.
- Make sure your firewall or security software isn't blocking Apache or MySQL.

That's it! You now have Drupal 10 running locally using XAMPP.