

# Drupal Training Day in China - Intro to Drupal

## 1 - Basic introduction and overview

Global overview, taxonomy, Terminology, blocks, regions, modules, themes, users, menu system, nodes and content.

Drupal site [case studies](#).

## 2 - Review the Core modules:

What can you do with Drupal 7 "out of the box"?

Install test and check all the functions implemented by [core modules](#) (more than 40 modules)

In depth review of foundation modules, such as [locale](#) (especially for China/Chinese Simplified), [menu](#), [block](#), [field](#) and other important core modules.

## 3 - Review of contributed modules:

Popular modules, standard modules or most commonly used, such as [Views](#), [WYSIWYG](#), etc...

Introduction of the [Drupal categories](#): how to search and follow modules.

Introduction of different modules examples from different categories: [Content Display](#), [Administration](#), etc...

The idea here is to introduce modules to be further used in Tutorials (Point 4).

## 4 - Tutorial to manipulate:

Based on user stories and real use case scenarios. Basic Drupal setup for beginners:

- a. Create content type
- b. Add fields
- c. Enable a few modules
- d. Add blocks
- e. Edit menu items
- f. Create users and roles

Best practices on views, views block, views page etc.

Tips:

- ✓ Help and configure links on module page after configuration;
- ✓ Use Readme + advanced help module;
- ✓ Check in the module itself of the hook\_menu, check the path registered in the menu\_router, quick intro to hook\_menu and menu structure in DB.

## 5 - Multilanguage

Enable the site to run with several languages, in our case: English and Chinese Simplified should at least be enabled during the tutorial.

In the installation process, the Chinese language pack could also be used.

Additional resources:

- a. Chinese groups: [groups.drupal.org/china](https://groups.drupal.org/china), [groups.drupal.org/shanghai](https://groups.drupal.org/shanghai),
- b. Drupal localize website: [localize.drupal.org](https://localize.drupal.org)
- c. Chinese Simplified localizations: [localize.drupal.org/languages/zh-hans](https://localize.drupal.org/languages/zh-hans)

## 6 - Modules to be enabled

- a. [Nice Menus](#): configuration of blocks and learn the block\_configure hooks + configuration of blocks and menus
- b. [Display Suite](#): basic configuration and discovery of view\_modes for the display of nodes in full content view
- c. [Web Form](#): basic configuration of contact form with automatic email notifications.
- d. SEO: some modules for SEO: [Meta tags](#), [path/url aliases](#).
- e. [Views](#)
- f. [Module filter](#) for better module list display.

## 7 - Hosting and Drupal folder structure:

- a. Why do we divide it into all and default, files folder structure, themes, and libraries
- b. Types of platforms with recommended configurations.
- c. Recommended cloud solutions, such as [Acquia Cloud](#) or [Pantheon](#).

## 8 - Drupal hooks basic module API

- a. What is field UI?
- b. What is the filter module?
- c. `advanced_help`
- d. What is PHP Filter?
- e. Theme API: introduction to Drupal's theming system; themes: Zen and starterkit

## 9 - Best practices

- a. [Avoid hardcoding](#)
- b. Get yourself setup and install basic devel modules:
  - ① [Coding standards](#)
  - ② Recommended development modules

## 10 - Leveraging the community:

Drupal has a great and very active community and this is probably one of the biggest strengths of using this system.

Contributing is not only about submitting code, it could also be:

- a. Posting comments
- b. [Submitting patches](#)
- c. Replying to support requests
- d. [Submitting translations](#)
- e. Involve in the [Community](#)
- f. Testing patches and posting comments
- g. Writing documentation or user guides
- h. [Follow project applications](#): all projects are listed there: modules, installation profiles, themes, etc...

Your feedbacks, questions, testing, issues matter to the community!

**For your information:**

- 10:00 a.m. - 5:00 p.m. Friday, March 15th, 2013.
- RM 311, Bldg.2, No.900, North Zhongshan Road, Shanghai. At Davyin Internet Solutions office.
- Exit 1 North Zhongshan Road, Line 1. Bus: 47, 69, 129, 252, 309, 706, 829, 849, 869.
- Sign up: <http://www.davyin.com/drupal-training-day-china-intro-drupal>