

# DRUPAL BOOTSTRAP

# WHAT IS BOOTSTRAP?

- Drupal is a MVC system
- Base architecture is based on the bootstrap
- Where all actions start

# USES

- The index.php in Drupal
- The cron.php in Drupal
- For integration with other systems
- To execute “light” calls
- For high performance process
- Command line applications (can be handy)
- A more restrict Drupal



# PHASES

1. Configuration

2. Page Cache

3. Database

4. Variables

5. Session

6. Page header

7. Language

8. Full

Menu Handler

# CONFIGURATION PHASE

- Initializes the configuration
- Determine which settings.php to use
- Load the basic configuration and settings for that specific site
- Also sets some basic ground for Drupal to work



# PAGE CACHE PHASE

- Includes the cache system specified by the settings
- Support page caching without use of database
- Checks the access denied Drupal rules by IP
- If hits a cache, returns and no more work is needed

# DATABASE PHASE

- If no database system set up, attempt an install
- Loads the corresponding database objects for the DB type
- Initialize the default database connection
- Is also available any secondary database from this point



# VARIABLES PHASE

- Uses the Drupal Lock system (which is DB based and can be override)
- Set up the variable system
- Loads all the variables
- Variable system uses cache to improve performance



# SESSION PHASE

- Determine the way session is implemented
- Initialize the session
- Session implementation can be override

# PAGE HEADER PHASE

- Invokes boot hook
- Handles if is a CLI request or web request
- If is a web request it sets up HTTP basic headers
- Drupal can be used on command line or with Drush for example

# LANGUAGE PHASE

- Sets up I18n (Internationalization)
- Sets up Drupal multilingual functionalities
- Invoke language\_init hook



# FULL PHASE

- Sets up and initializes path, theme, pager, menu, table sort, file, unicode, image, forms, mail, actions, token, error
- Gets file streams wrappers
- Load all modules
- Handles maintenance mode
- Invoke all init hooks

# MENU HANDLER

- Can also be used forcing a specific path
- Handles site offline
- Handles access permissions of the menus
- Triggers 404's
- Delivers page (triggers the page theming)