WordPress Extensibility

* It’s extensible through two main channels…
* Themes: The way a website looks.
* Plugins: The way a website functions.

Why Plugins Matter

* WordPress is already mature in and of itself
* Plugins make it that much more powerful
* They empower us; they empower our visitors

Writing a Plugin

Documentation Link: <https://codex.wordpress.org/Writing_a_Plugin>

A Design Pattern

* Can be implemented in other languages
* Provides way to hook into program execution

Wordpress Hooks

* Actions & Filters
* Actions are type of functions which something happens – a unit of work is completed.
* add\_action(‘init’,’acme\_init’);
* init name of the action
* acme\_init name of the funciton
* function acme\_init() {

// Function implementation

}

* Filters format and/or process data
* Add\_filter(‘the-content’, ‘acme\_the\_content’);
* Function acme\_the\_content($content) {

// Function implementation

Return $content;

}

* Hooks documentation links

<http://codex.wordpress.org/Plugin_API/Hooks>

* Planning our Plugin
* Display a custom message above our post.
* Post Notice
* Display a custom message above our post
* Specify the message in the dashboard
* Provide a notice preview
* Display the notice above the post
* Considerations
* Post Meta Boxes
* Permissions
* Data sanitization (stripping out HTML, etc.)
* Conditionally display the message
* It’s the good practice to keep the file-name same as the directory name.

Creating Planning

* Wp-content->plugin->create a new folder like (JW-Filter) ->file name is same like (jw-filter.php)

Plugin creating example

Plugin

* Create Folder & file inside folder with the same name
* Now give the following information first

<?php

/\*\*

\* Plugin Name: My First Plugin

\* Plugin URI: [http://localhost](http://localhost/)

\* Description: A custom plugin that gives a message after publishing post for example.

\* Version: 1.0

\* Author: Mainul Hasan

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* Then activate the plugin