

Weekly Event Calendar - Wordpress Plug-in

Developer Documentation

(1) We have used custom post called Event to develop this plugin and definition of the Event is like below

-- Create an “Write Panel” Code

smw_event_posttype() - This function has been used to create the post type Events

using add_action('init', 'smw_event_posttype'). I have called the smw_event_posttype() function to load the initial setup

(2) Each event has the Date , Start Time and End Time. We have used meta box to enter those value with events

--Create an “Meta Box” Code

to create the meta boxes with drop down boxes . I have used the \$meta_box array and it is included another 3 arrays under named called “fields” for date, start time and end time

Once you define the \$meta_box array , there should be way to show it in the wordpress admin . This is achieved by the following functions

```
add_action('admin_menu', add_meta_box_to_event);
```

add_meta_box_to_event() will actually create the meta box

```
function add_meta_box_to_event() {  
    global $meta_box;  
    add_meta_box($meta_box['id'], $meta_box['title'], 'show_meta_box', $meta_box['page'],  
$meta_box['context'], $meta_box['priority']);  
}
```

Show_meta_box is the callback function which is to display form fields in the admin section. it will show the following form in your Event post page

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Event Details

Date

Start Time

12.00 AM ▼

End Time

12.00 AM ▼

(3) How to save metabox data to the database

`add_action('save_post', event_metabox_save_data);`

We call the `event_metabox_save_data()` function to save the values of the metabox to database

If you look at the `event_metabox_save_data()`, you can realise that first half of the function is checking the basic security and If the security is ok , I have used following code to

```
foreach ($meta_box['fields'] as $field) {  
    $old = get_post_meta($post_id, $field['id'], true);  
    $new = $_POST[$field['id']];  
    if ($new && $new != $old) {  
        update_post_meta($post_id, $field['id'], $new);  
    } elseif (" == $new && $old) {  
        delete_post_meta($post_id, $field['id'], $old);  
    }  
}
```

4. How to add shortcode in Page and display calendar in pages

I have developed the sortcode function to show the calender

```
add_shortcode( 'calender', 'cal_func' );
```

```
function cal_func( $atts ){  
    include "calender.php";  
}
```

You can see the code in `calander.php` file