Displaying fields with code

- FAQ

import FAQ from '@site/src/components/FAQ';

If you are a developer and familiar with changing template file with PHP code, you can use Meta Box helper functions to display fields:

- `rwmb_get_value()`: to get a field value as a variable
- `rwmb_the_value()`: to display a field

In addition, we also provide `rwmb_meta()` function, which is a wrapper of the 2 functions above which:

- Returns the HTML output for rich-content fields: `map`, `osm`, and `oembed`, same as `rwmb_the_value()`,
- Returns the same value as `rwmb_get_value()` for other field types.

Now open your template file for the single event content. Usually, it is `template-parts/content.php`, `single-event.php` or `single.php` file, depending on your theme structure. Then add the following code below the content area:

```
<?php
/**
 * Template part for displaying single post content
 */
?>

<article id="post-<?php the_ID(); ?>" <?php post_class(); ?>>
	<header class="entry-header">
		<?php the_title( '<h1 class="entry-title">', '</h1>' ); ?>
	</header>

	<div class="entry-content">
		<?php the_content(); ?>
```

```
                // highlight-start
                <p>
                    <strong>Date and time:</strong> <?php rwmb_the_value( 'datetime' ) ?>
                </p>
                <p>
                    <strong>Location:</strong> <?php rwmb_the_value( 'location' ) ?>
                </p>
                <p>
                    <strong>Map:</strong>
                </p>
                <?php rwmb_the_value( 'map' ) ?>
                // highlight-end
        </div>
</article>
```

:::warning Block themes

For block themes, everything is blocks and there are no PHP template files. In that case, please use the MB Views extension.

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All functions accept the following parameters:

Name	Description
`$field_id`	The field ID. Required.
`$args`	Extra arguments for some field types (image, file, etc.). Can be array or a string in format `param1=value1&param2=value2`. See more details in field types. Optional.
`$object_id`	Object ID that custom fields are got from. Optional. If not present, the current post ID is used.
`$echo`	Echo the HTML output (`true` - default) or return it (`false`). Applied only for `rwmb_the_value()` function.

FAQ

If you are using our helper functions in your theme, then they become unavailable when Meta Box is deactivated. You can fix that by going to the admin area » Plugins and re-activate Meta Box.

Alternatively, you can add the following code into your theme's `functions.php` file to make the error go away. However, the custom fields will not display, either.

```
if ( ! function_exists( 'rwmb_the_value' ) ) {
    function rwmb_the_value( $key, $args = [], $post_id = null ) {
        return null;
    }
}
if ( ! function_exists( 'rwmb_get_value' ) ) {
    function rwmb_get_value( $key, $args = [], $post_id = null ) {
        return null;
    }
}
if ( ! function_exists( 'rwmb_meta' ) ) {
    function rwmb_meta( $key, $args = [], $post_id = null ) {
        return null;
    }
}
```

Absolutely. Our helper function is just a wrapper of WordPress's `get_post_meta` function.

There are some cases where you register custom fields conditionally or only for the back end like you wrap the code under `is_admin()`. In that case, make sure you remove the condition and register custom fields for both the back end and front end.

Absolutely. We have official support for Beaver Builder and Elementor. Some page builders already have built-in support for Meta Box like Oxygen Builder, Bricks, and Brizy. See the list of compatible plugins and refer to their docs for how to use them with Meta Box.

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