



NewsFreak WordPress Configuration Doc (1.7.0)

Last Updated: 31-03-22

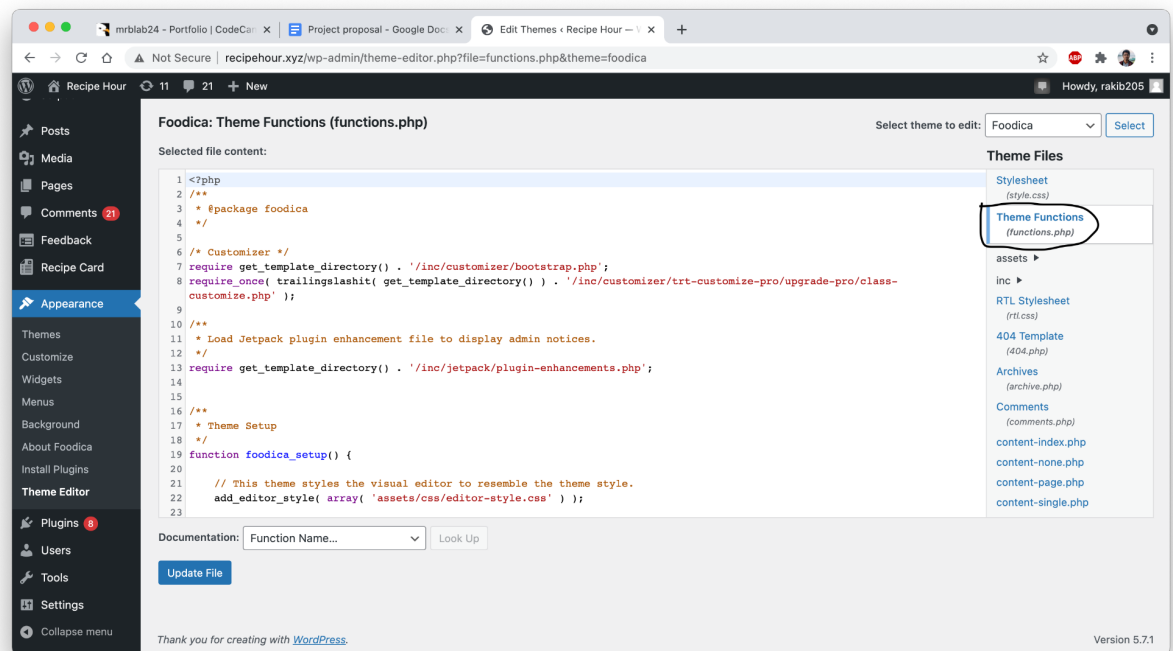
We recommend using our online document [here](#). Because it will always be updated.

Hi there, First please make sure that your wordpress website is up and running and you have installed your wordpress site on your hosting. After then, follow the steps below:

1. Theme Customization

In this step, you have to add some php code in the wordpress theme. This is required for REST API purposes. In future, if you change your theme then you have to do this step again. The app will not function correctly if this step is not followed.

1. First, Go to your **WordPress Admin Dashboard**. Then Navigate to Appearance > Theme Editor. Now, you will see a **style.css** file of your wordpress theme. From the right side, Click on the **Theme Functions (function.php)** file. See the picture blow :



2. Now go to the bottom of the function.php file and add the following code at the bottom of the file.

```
function flutter_news_rest_prepare_post($data, $post, $request) {
    $_data = $data->data;
    $_data["custom"]["td_video"] = get_post_meta($post->ID, 'td_post_video', true) ?? '';
    $_data['custom']['featured_image'] = get_the_post_thumbnail_url($post->ID, "original") ?? '';
    $_data['custom']['author']['name'] = get_author_name($_data['author']);
    $_data['custom']['author']['avatar'] = get_avatar_url($_data['author']);
    $_data['custom']['categories'] = get_the_category($_data["id"]);
    $data->data = $_data;
    return $data;
}

add_filter('rest_prepare_post', 'flutter_news_rest_prepare_post', 10, 3);

// Enable comment without being logged in
function filter_rest_allow_anonymous_comments() {
    return true;
}

add_filter('rest_allow_anonymous_comments', 'filter_rest_allow_anonymous_comments');
```

1. After that, Add the following code below at the end of the functions.php file again.

```

add_action('rest_api_init', 'wp_rest_user_endpoints');
/* Handle Register User request. */
function wp_rest_user_endpoints($request) {
    register_rest_route('wp/v2', 'users/register', array(
        'methods' => 'POST',
        'callback' => 'wc_rest_user_endpoint_handler',
    ));
}
function wc_rest_user_endpoint_handler($request = null) {
    $response = array();
    $parameters = $request->get_json_params();
    $username = sanitize_text_field($parameters['username']);
    $email = sanitize_text_field($parameters['email']);
    $password = sanitize_text_field($parameters['password']);
    // $role = sanitize_text_field($parameters['role']);
    $error = new WP_Error();
    if (empty($username)) {
        $error->add(400, __("Username field 'username' is required.", 'wp-rest-user'), array('status' => 400));
        return $error;
    }

    if (empty($email)) {
        $error->add(401, __("Email field 'email' is required.", 'wp-rest-user'), array('status' => 400));
        return $error;
    }

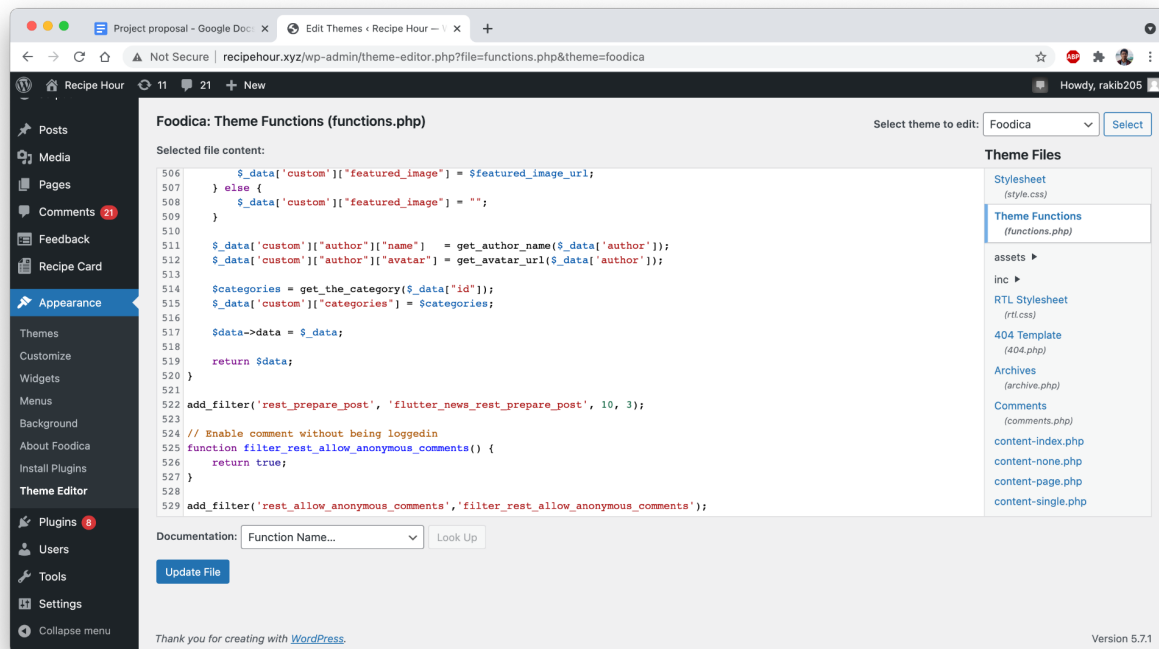
    if (empty($password)) {
        $error->add(404, __("Password field 'password' is required.", 'wp-rest-user'), array('status' => 400));
        return $error;
    }

    $user_id = username_exists($username);
    if (!$user_id && email_exists($email) == false) {
        $user_id = wp_create_user($username, $password, $email);
        if (!is_wp_error($user_id)) {
            // Get User Meta Data (Sensitive, Password included. DO NOT pass to the front end.)
            $user = get_user_by('id', $user_id);
            // $user->set_role($role);
            $user->set_role('subscriber');
            // WooCommerce specific code
            if (class_exists('WooCommerce')) {
                $user->set_role('customer');
            }
            // Get User Data (Non-Sensitive, Pass to front end.)
            $response['code'] = 200;
            $response['message'] = __("User '" . $username . "' Registration was Successful", "wp-rest-user");
        } else {
            return $user_id;
        }
    } else {
        $error->add(406, __("Email/Username already exists, please try 'Reset Password'", 'wp-rest-user'), array('status' => 400));
        return $error;
    }

    return new WP_REST_Response($response, 123);
}

```

After doing that your function.php file will be look like the picture below:



3. After that, click on the **Update File**. That's it. Keep in mind that, If you change your wordpress theme, you have to follow this step again.

2. Install Plugins

Now, you have to install some wordpress plugins which are mandatory for the app. You can install these plugins (from your wordpress dashboard > plugins) by searching them. You can ignore this step if you have already installed these plugins in your site.

2.1 JWT Authentication for WP-API

[Plugin link](#)

This plugin is required for the authentication purpose of user registration & login.

After installing and activating the plugin, you have to configure some stuff. You can follow their guide or follow the steps below:

1. You have to edit your **.htaccess** file and add two lines of code there. You can get the file in your **Cpanel > File manager > public_html > your_site** directory. Now click on edit the file and add the following two lines under the **RewriteEngine On** line and click on **Save changes** at the top.

```
RewriteCond %{HTTP:Authorization} ^(.*)
RewriteRule ^(.*) - [E=HTTP_AUTHORIZATION:%1]
```

*Note: There are many **.htaccess** files in the Cpanel file manager. You have to edit the right one, else the login/registration process in the app won't work. So, How do you know which is the right one? You have to edit the **.htaccess** file from the folder where you have stored your wordpress site. Example:*

*a) If you have installed the site directly in the **public_html** directory without creating any additional folder, then you have to edit the **.htaccess** file from the **public_html** directory.*

*b) if you have installed the site with an additional folder, like **public_html/recipehour.xyz/** then you have to edit the **.htaccess** file from the **recipehour.xyz** folder. That's it.*

2. Now, again you have to edit your **wp-config.php** file and add two lines of code. You will get the file in the same directory **Cpanel > File manager > public_html > your_site > wp-config.php**. Now click on edit the file and add the following two lines under the **define('WP_DEBUG', false);** line.

```
define('JWT_AUTH_SECRET_KEY', 'your-top-secret-key');
define('JWT_AUTH_CORS_ENABLE', true);
```

3. After adding these two lines of code, you have to add a top secret key in the first line of the following code. To get the code go to this [url](#) and copy the **'NONCE SALT'** key and paste here. After this, your lines will look like in the picture below:

```
define( 'WP_DEBUG', false );  
define('JWT_AUTH_SECRET_KEY', 'p+$/G|Z?0AQB1d3-k=Tn/ [REDACTED] 2DL+&]T*&!XpaUj>Mf)XI80Ib@E');  
define('JWT_AUTH_CORS_ENABLE', true);
```

Now save the file. That's it.

2.2 WordPress Popular Posts

[Plugin link](#)

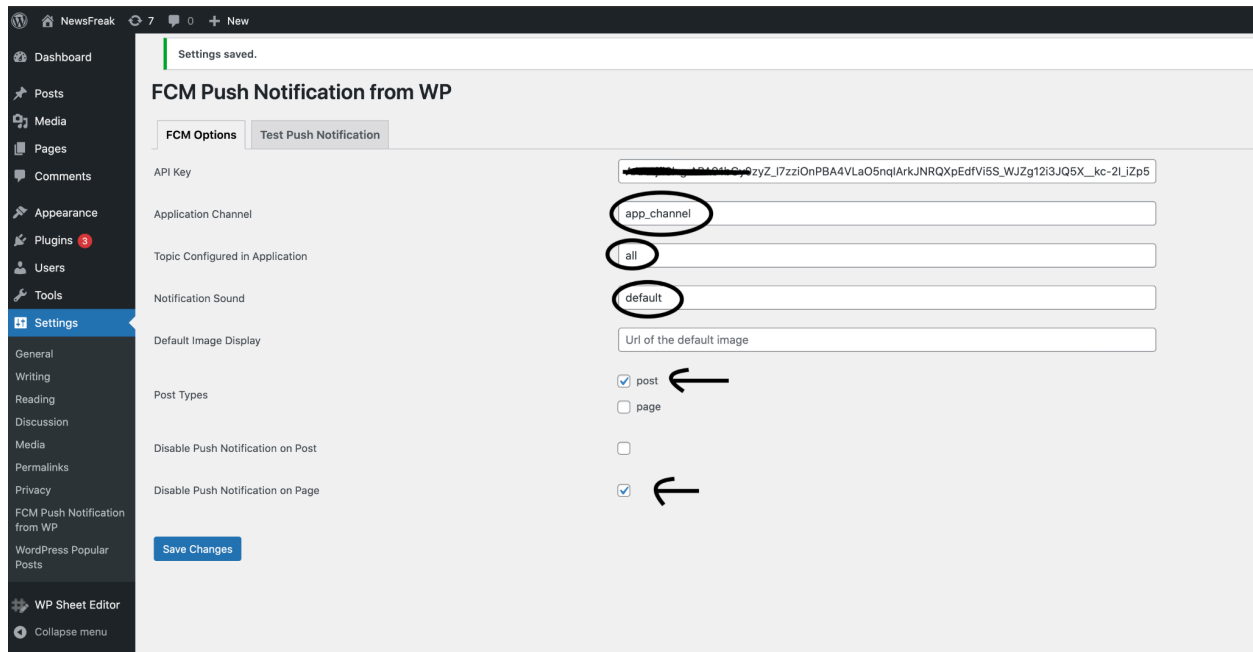
This plugin is required for getting the popular posts of your website. Install & Activate it. No extra configuration is required.

2.3 FCM Push Notification from WP

[Plugin link](#)

This plugin is required to send push notifications for posts directly from the wordpress admin dashboard. Install and activate it.

1. Go to the **Settings > FCM Push Notification from WP** and you will see a configuration page like this:



2. Setup Application Channel, Topic Configured in Application, Notification Sound & others exactly like the picture except the **API Key**. Save that.
3. Your **API Key** is missing. You will get the **API Key** from the app doc when you set up the app for push notification. Make sure you do that and save that again.
4. After the setup, you can send push notifications on every post create & update. Schedule notification for post is also supported.

Push Notification

Check if send a push notification:

☐ Send Push Notification

Plugin link

This plugin is optional but recommended. It will help your app to load the content faster. Just install the plugin and activate. That's it.

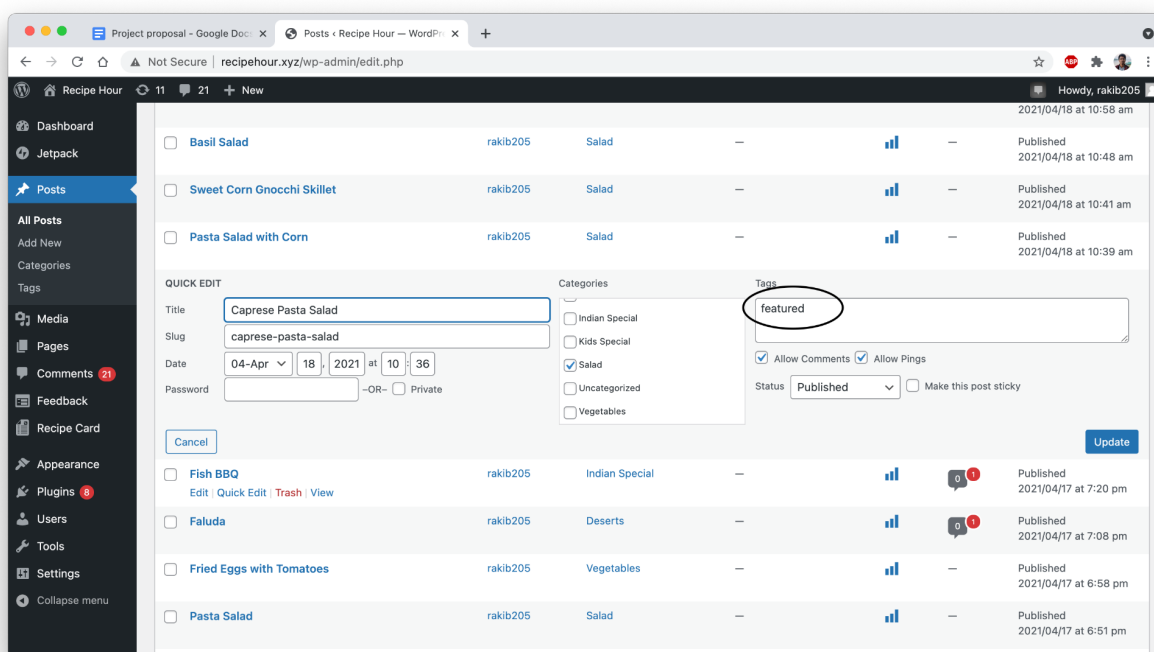
3. Other Configurations

If your website is new and didn't upload anything, Please upload some categories and posts. **Make sure you have uploaded at least 3 categories and 3-5 posts before going to the app setup.**

3.1 Feature Post Setup

Now you have to add a tag as **featured** to some post to set a post as featured in your app. You can add a maximum of 5 posts as featured posts in the app. To do that,

1. Go to your Wordpress Dashboard > Posts and then click on **Quick Edit** on any post that you want to set as a feature post.
2. Now add a Tag named **featured** and Update the post. Look at the picture below.



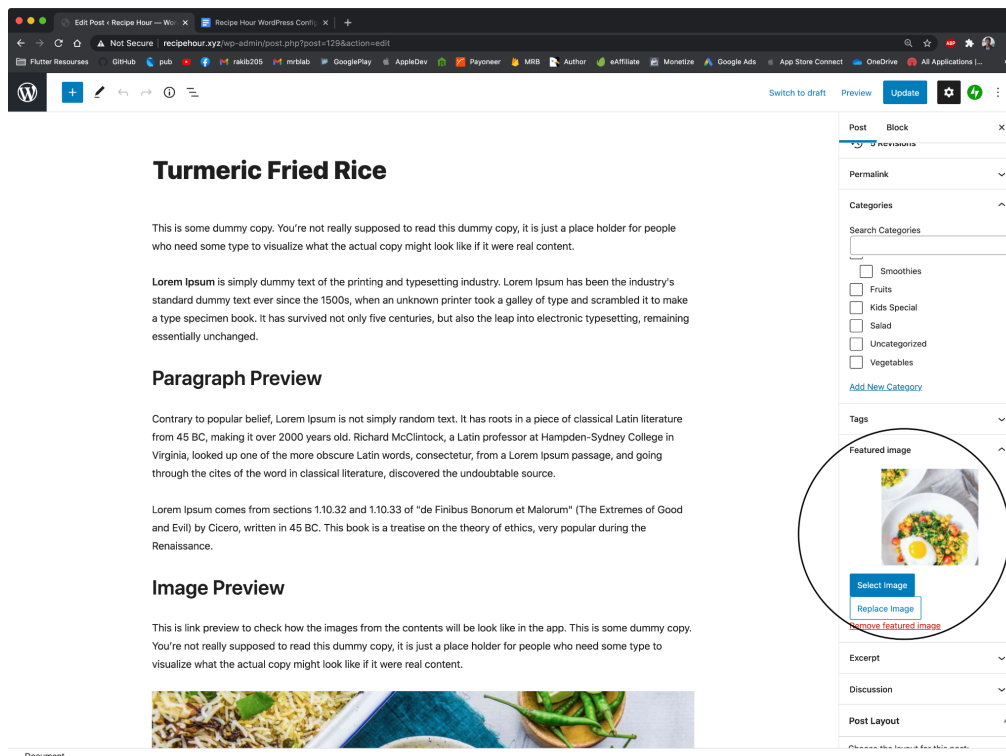
3.2 Video Post Setup

If you add any videos from your wordpress media (not iFrame), You have to add a **video** tag in the particular post. The app will recognize the post as a Video article post. If you don't, the app won't recognize the post as a video post and will recognize it as a normal post.

- If you want to use multiple videos (more than one) in a post, then don't use the **video** tag.
- To add a video tag to any posts, create a **video** tag by following the previous step (3.1) and use **video** tag instead of **featured** tag. That's it.

3.3 Post Thumbnail/Featured Image

Don't forget to add a feature image in every post. The images will be used as a thumbnail in the app for every post. Look at the picture below:



That's it. Now go for the app setup.

4. Updates

To migrate v1.7.0

Follow the below steps:

1. Theme Customization (1)
2. WP REST Cache (2.4)