

Interaction with the Wahoo API

The Wahoo API allows developers to programmatically access data from Wahoo devices and services. This report outlines the steps required to authenticate with the Wahoo API, retrieve data, and handle token refreshes.

API Authentication Workflow

Step 1: User Authorization

- URL: "https://api.wahooligan.com/oauth/authorize"
- Purpose: Directs users to Wahoo's login page to authorize your application.
- Parameters to be used:
 - **client_id**: Your application's unique ID.
 - **redirect_uri**: The URI where users are redirected after authorization.
 - **scope**: The permissions you are requesting.
 - **response_type**: Should be set to `code`.

Step 2: Receive Authorization Code

After successful authorization, the user is redirected to your specified `redirect_uri` with an authorization code appended to the URL.

Step 3: Exchange Authorization Code for Tokens

- URL: "https://api.wahooligan.com/oauth/token"
- **Purpose**: Exchange the authorization code for an access token and refresh token.
- **Parameters**:
 - **client_secret**: Your application's secret key.
 - **code**: The authorization code received in Step 2.
 - **redirect_uri**: The same URI used in Step 1.
 - **grant_type**: Should be set to `authorization_code`.
 - **client_id**: Your application's unique ID.

Step 4: Refresh Access Token

URL: `https://api.wahooligan.com/oauth/token`

Purpose: Use the refresh token to obtain a new access token when the current one expires.

Step 5: Making API Requests

Authorization Header: Include the access token in the Authorization header for all API requests.