

How to Make API Calls Using Insomnia

What is an API Client?

An API client is your gateway to interacting with web services, allowing you to send requests and receive data from APIs. Whether you need weather information or want to make online payments, APIs make it possible. But how do you call an API?

Meet Insomnia

Insomnia is a powerful API client that simplifies and secures the process of calling APIs. Here's a step-by-step guide on how to make a secure API call using API Key Authentication.

Step 1: Set Up Your Request

1. **Open Insomnia:** Launch the Insomnia application on your computer.
2. **Create a New Request:**
 - Click on the **New Request** button.
 - Enter a name for your request.
 - Select the desired HTTP method (GET, POST, PUT, DELETE, etc.) from the dropdown menu.
 - Click **Create**.

Step 2: Add Your API Endpoint

1. **Paste the API URL:** In the request bar, paste the URL of the API endpoint you want to call. This is where your request will be sent.
2. **Configure Request Parameters** (if needed):
 - **Query Parameters:** Add any query parameters required by the API.
 - **Body:** For POST or PUT requests, add the request body in JSON or another supported format.

Step 3: Authenticate with API Key

1. **Add Your API Key:**
 - Go to the **Headers** tab.
 - Click on **Add Header**.

- Enter the header name (usually Authorization or x-api-key).
 - Enter your API key as the value.
2. **Secure Your Key:** Insomnia ensures your API key is securely added to the request.
 3. **Preview the Response:** Click on the **Send** button to make the API call and preview the response.

Why Insomnia?

Insomnia is a trusted API client that offers a sleek, user-friendly interface. It's perfect for:

- **Testing API Calls:** Easily send requests and view responses.
- **Managing API Keys:** Securely store and manage your API keys.
- **Visualizing Data:** View and analyze the data returned by APIs without writing code.

Ready to Call Your First API?

- a. Make your first API Call using the Developer Portal Specification section - [Video Reference](#)
- b. Make your first API Call using the Insomnia collection - [Video Reference](#)