



Skittybop

API Documentation

Integrating video calling into your website or client application

[Getting Started](#) · [Applications](#) · [API Keys](#) · [Authentication Tokens](#) ·
[Video Calls](#)

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skittybop.com · wordpress.org/plugins/skittybop

Contents

- 1 Getting Started
- 2 Create an Application
- 3 Configure the API Key
- 4 Generate Authentication Tokens
- 5 Start a Video Call

NOTE

This guide walks through the complete Skittybop setup in five steps. If your site runs WordPress, the **Skittybop WordPress Plugin** handles most of these steps for you – look for the plugin shortcuts noted throughout this document.

1

Getting Started

Welcome to Skittybop! This guide will assist you in setting up and starting to use our video call service with ease. To get started, please ensure you have an **active subscription**. You can explore our subscription plans by clicking on the "Pricing" menu to find the option that best suits your needs and unlock the full potential of Skittybop.

Skittybop offers a range of features designed to provide a reliable and secure video communication platform. With a user-friendly interface, high-quality video and audio capabilities, and integrated chat room options, Skittybop enhances the overall user experience. Additionally, our platform prioritizes security through end-to-end encryption, user verification processes, and customizable privacy settings, ensuring a safe and secure environment for all participants.

For those who wish to evaluate our service, we offer **30 free video call minutes** to help you get acquainted with our platform. Once you're ready, follow the steps outlined in this guide to integrate Skittybop into your website or client application. Our detailed instructions will help you achieve a smooth and efficient setup process.

TIP

Evaluating first? The 30 free minutes apply automatically to new accounts – no payment details required to begin testing.

2

Create an Application

To start using Skittybop, the first step is to create an application. An application in Skittybop represents the integration of our video call service with your website or client application.

To create an application, go to the **"Applications"** menu and click the plus button in the top right corner to open the creation wizard. Provide a name and description for your reference, then click **"Create Application"**.

Once you create your application, Skittybop will provide you with a unique **API Key**. Make sure to copy this key, as it will be needed for the subsequent steps in the setup process. The key is a JSON Web Token, for example:

API KEY (EXAMPLE – YOURS WILL DIFFER)

```
eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9.eyJzdWIiOiI3MzEz...  
...KLmlBI08iZquE0tZdfuU67ZK-hdedwhZlcHcDaAeb3exi...
```

IMPORTANT

Although you can use the same API key to integrate multiple websites or client applications, it is **strongly recommended to use a separate API key for each one**. This way, you will have better access control, as well as more detailed reporting and statistics.

3

Configure the API Key

After creating your application, the next step is to configure your API key. This key provides a secure way for your website or client application to interact with Skittybop.

WordPress sites

If your website is built using WordPress, you can simplify the integration process by using our **Skittybop WordPress plugin**. To set up the API key in the plugin, simply go to the administration panel and enter the key on the "**Skittybop > Settings**" page, then click **Save Changes**.

On first activation, the plugin displays a setup notice with these steps:

1. Go to the Skittybop API Management Platform and log in or register if you don't have an account.
2. After logging in, create a new application to generate your API Key.
3. Once you have your API Key, navigate to the Settings of this application and enter it there.

Non-WordPress sites and client applications

If your website or client application is not built with WordPress, you can still use the Skittybop service via its API. Make sure to **store the API key securely** and include it in your client application's configuration. For more information on the API, please visit the Skittybop API Documentation.

IMPORTANT

Treat your API key like a password: never commit it to source control or expose it in client-side code.

4

Generate Authentication Tokens

At this step you should have configured your API Key either in the Skittybop WordPress plugin or in your client application. Now, it's time to generate an authorization token for each participant in the video call and use it to authenticate them.

If you are using the Skittybop WordPress Plugin, you can **stop here**, as the plugin manages all aspects of authentication and video call initiation. Registered users on your website can start video calls by clicking the video call button, and your operators can answer them directly through the plugin interface. You only need to create WordPress users with the **"Operator"** role to handle incoming calls.

Using the API

If you are using the Skittybop API, you need to call the **/apps/generateToken** endpoint to generate an authentication token (JWT) for each participant wishing to join a specific room. To authenticate this request, include your API Key in the **Authorization** header as a Bearer token. The example below shows a sample API call using the curl CLI tool.

POST /api/apps/generateToken

```
curl -X POST https://api.skittybop.com/api/apps/generateToken \
  -H "Authorization: Bearer YOUR_API_KEY" \
  -H "Content-Type: application/json" \
  -d '{"room": "test", "userName": "Operator 1", "isOperator": true}'
```

Field	Type	Description
room	string	Room the participant will join; must match the room used to start the call.
userName	string	Display name for the participant.
isOperator	boolean	Marks the participant as an operator.

IMPORTANT

At least **one operator must be present** in each video call. For more information on the API, please visit the Skittybop API Documentation.

5

Start a Video Call

If you are using the Skittybop WordPress Plugin, you can **stop here**, as the plugin manages all aspects of authentication and video call initiation. Registered users on your website can start video calls by clicking the video call button, and your operators can answer them directly through the plugin interface. You only need to create WordPress users with the "Operator" role to handle incoming calls.

Via the API / direct URL

If you are integrating Skittybop with your website or client application using the Skittybop API, you need to provide the generated authorization token to the Skittybop Video Server using the **jwt** parameter. To start a video call directly from your browser, enter the following URL:

BROWSER URL

```
https://meet.skittybop.com/YOUR_ROOM?jwt=YOUR_AUTH_TOKEN
```

Embedding with the Jitsi Meet IFrame API

If you wish to embed Skittybop using the Jitsi Meet IFrame API, you need to include the **jwt** parameter in the configuration during initialization:

JAVASCRIPT – JITSI MEET IFRAME API

```
const api = new JitsiMeetExternalAPI("meet.skittybop.com", {  
  roomName: YOUR_ROOM,  
  parentNode: document.querySelector('#skittybop-container'),  
  jwt: YOUR_AUTH_TOKEN  
});
```

IMPORTANT

Ensure that the room specified in the URL **matches the room used when generating the authentication token**. Generated authentication tokens must be used to initiate a video call within **one minute** – they expire after that time.