

Web Calling

Get started with Vapi on the Web.

Anywhere you can run client-side JavaScript, you can run Vapi. All the way from vanilla to complex component-based applications with React and Next.js.

Installation

Install the package:

```
$ yarn add @vapi-ai/web
```

or w/ npm:

```
$ npm install @vapi-ai/web
```

Import the package:

```
1 import Vapi from "@vapi-ai/web";
```

Then, create a new instance of the Vapi class, passing your **Public Key** as a parameter to the constructor:

```
1 const vapi = new Vapi("your-public-key");
```

You can find your public key in the [Vapi Dashboard](#).

Starting a Call

Assistants can either be created on the fly (temporary) or created & persisted to your account (persistent).

Option 1: Temporary Assistant

If you want to customize properties from the frontend on the fly, you can create an assistant configuration object and pass it to the `.start()` method.

> Assistant Configuration

Now we can call `.start()`, passing the temporary assistant configuration:

```
1 vapi.start(assistantOptions);
```

More configuration options can be found in the [Assistant](#) API reference.

Option 2: Persistent Assistant

If you want to create an assistant that you can reuse across multiple calls, you can create a persistent assistant in the [Vapi Dashboard](#). Here's how you can do that:

> Sign-up or Log-in to Vapi

> Create an Assistant

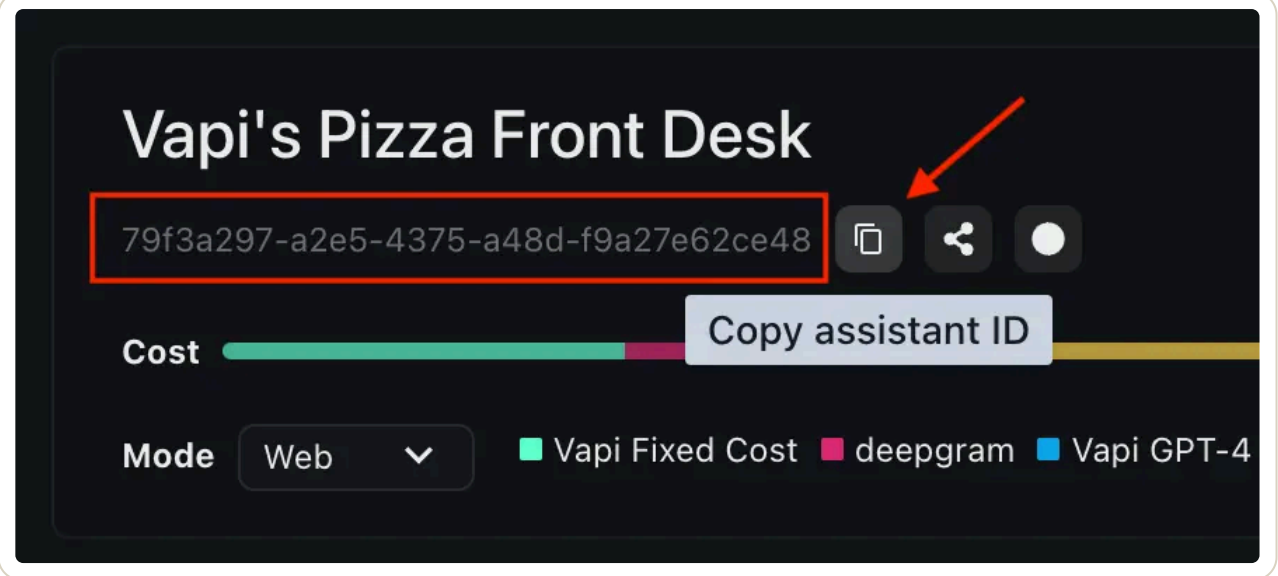
> Model Setup

> Transcriber Setup

> Voice Setup

To customize additional fields, this can be done via the [Assistant](#) API instead.

Then, you can copy the assistant's ID at the top of the assistant detail page:



Now we can call `.start()`, passing the persistent assistant's ID:

```
1 vapi.start("79f3XXXX-XXXX-XXXX-XXXX-XXXXXXXXce48");
```

If you need to override any assistant settings or set template variables, you can pass `assistantOverrides` as the second argument.

For example, if the first message is "Hello `{{name}}`", you can set `assistantOverrides` to replace `{{name}}` with `John`:

```
1 const assistantOverrides = {
2   transcriber: {
3     provider: "deepgram",
4     model: "nova-2",
5     language: "en-US",
6   },
7   recordingEnabled: false,
8   variableValues: {
9     name: "John",
10  },
11 };
12
13 vapi.start("79f3XXXX-XXXX-XXXX-XXXX-XXXXXXXXce48", assistantOverrides);
```