



Chrome extension app definition

Description of the project

We are going to develop a chrome extension that connects to our Text-to-Speech web services to provide users with a Speech to Text to Translate to Speech service

Actually we have a working proof of concept chrome extension that we want to extend to a minimum viable product and publish it.

Actual POC features

We actually have a POC chrome extension that has this functionality:

When user push keybind it

- Mutes mic

- Records audio


When user release keybind it

- It stop muting the mic

- sends to our webservice the recorded audio that answers with a Voice converted audio (we do Speech to text to Speech in another voice in server side)

When audio is received it is sended though the MIC chanel in the browser. It is launched in the audio channel so every attendant in a hangouts web conference listen to the audio.

Code:

 dist (1).zip 925.7KB

Final MVP definition

When user push Chrome Ext button show screen Info(1)

In screen Info (1)

User don't need to be logged in

App checks if it has the access token in the browser

- If it has it shows "logged in"

- If it has not token

 - Check recurrently for the token to update status when users finally is logged in

 - Shows login button

 - when user click login button → User is redirected to

 - <https://account.voicemod.net/#/?action=account>

Some instructions will explain the usage



—VOICEMOD LOGO—

This chrome extension will help you talk as anyone in any language with your browser in Discord, Meets, Twitch and Hangouts

Press "CTRL" + "SHIFT" + "A" and talk

Press "CTRL" + "SHIFT" + "B" to set up voice and language

You can create your own voice in our Discord Bot [here](#)

You can config your keybinds [here](#)

* You are logged in —

* **LOGIN** [Signup for free in Voicemod](#) for full features

Please check our [legal stuff](#)

Support

Feedback

When user press keybind A

Shows a message of "Recording"

App mutes user mic

Start Recording audio



[Start extracting text from audio](#)

When user release keybind A

Shows message "Processing audio"

Stop muting the user

🌟 Translates the text to target language

Shows message "Connecting to Voicemod"

🎧 VM-ENDPOINT: get audio

If user is logged in

Shows the message "Playing"

Play the audio in the mic (Discord, Twitch, Meets, Hangouts)

Shows the message "Finished"

Else

Shows the message "Demo playing to your headphones (only you can listen it)"

Play the audio in the headsets

Shows the message "Login in Voicemod for full experience"

When user press keybind B → Config screen (2)

If user is not logged in

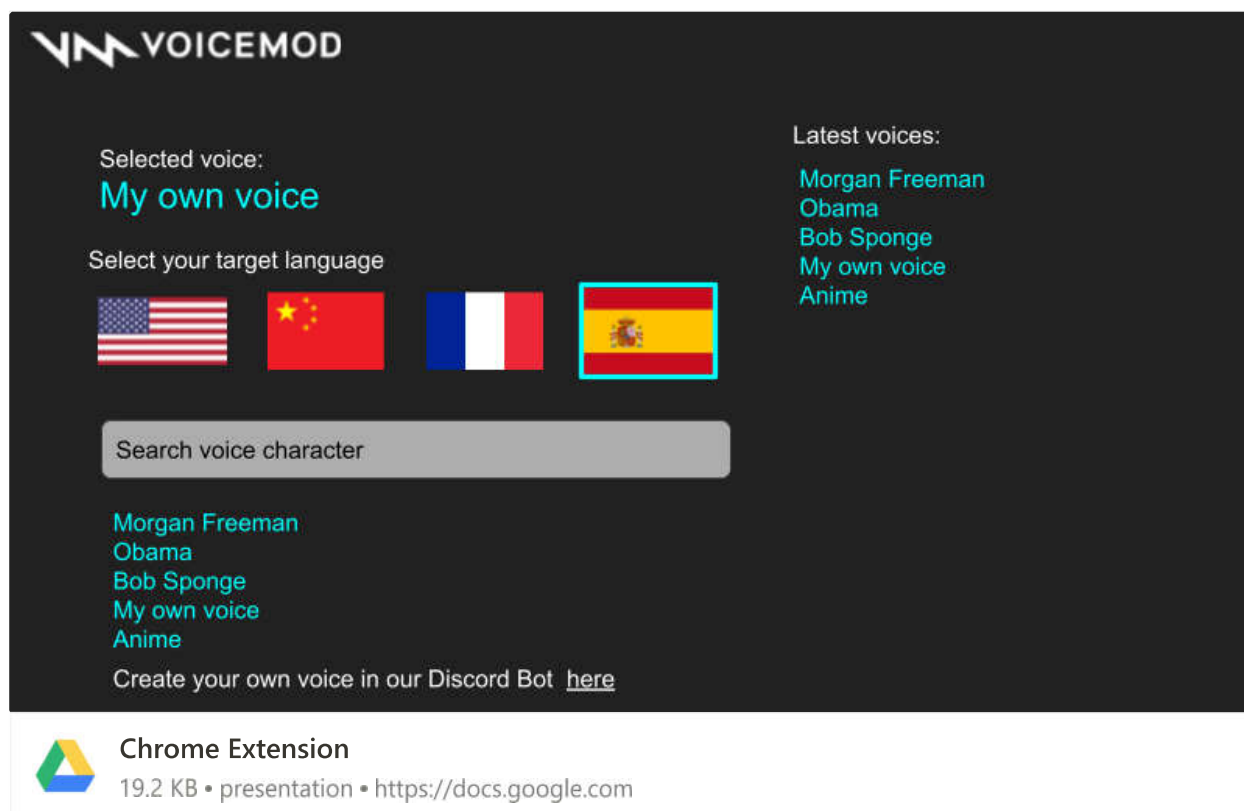
It will review periodically for the cookie to confirm if it is logged in

It will show a message

⚠️ You need to be logged in to select the voice and the target language

You can login or sign-up here

Else:



Show latest used voices (store it locally)

Show selected target language (store it locally)

The search box will call get voices endpoint and display results:

 VM-ENDPOINT: get voices

In Keybinds screen(3)

Speaker will be able to update 2 keybinds

A-To record the voice

B-To launch the config



—VOICEMOD LOGO—

You can define the Keybinds of your preference

Keybind for talking : "CTRL" + "SHIFT" + "A"

Keybind for config : "CTRL" + "SHIFT" + "B"

In screen (4) the legal stuff



—VOICEMOD LOGO—

Be aware that using this chrome extension you accept our Privacy , Cookies and Terms Policies.

[Privacy Policy](#) · [Terms](#) · [Cookies Policy](#) · [3rd Party Software Report](#)

ADDITIONAL INFO

Predefined language and voice will be defined for non logged in users

Confirm it works in Discord, Twitch, Meets, Hangouts



Use <https://chrome.google.com/webstore/detail/voicemod-recorder/fbadphddacjeiilofedihnmhmannloo> as design reference for logo footers...

A json config file is used

```
{ "predefined_lang": "en" "predefined_voice_id": "1" "lang_list": ["English-en", "Spanish-es", "French-fr", "Chinese-cn"] "predef_keybind_a": "CTR+a" "predef_keybind_b": "CTR+b" "predef_previous_voices": { "name1": "1" "name2": "2" "name3": "3" "name4": "4" "name5": "5" } "link_create_voice": "www.link.com" }
```