

# GOOGLE EUPHONIA

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## WHAT IS GOOGLE EUPHONIA?

Euphonia is a project that is geared towards allowing individuals with dysarthria to be better understood. This will be done through improving automated speech recognition. Automated speech recognition means converting spoken words into computer text. This is commonly used in voice recognition devices; such as the google home or Siri. Google's research primarily focuses on training computers and mobile devices to better understand individuals with dysarthria due to neurological conditions; such as stroke, traumatic brain injuries, cerebral palsy and ALS. Research could assist individuals in utilizing automated speech devices that previously did not recognize their voice; therefore providing greater independence and participation in activities of daily living.

## WHAT DO I HAVE TO DO?

You will record yourself reading many phrases aloud, using a provided online recording tool. These phrases help train an algorithm to better understand your speech, and others like yours. You will be sent two sets of phrases:

- An initial set of phrases. These help us determine the next sets of phrases for you to record [5-10 minutes].
- A full set of about 1,500 phrases [4-7 hours].

## KNOW SOMEONE?

These improvements to speech recognition are only possible through speech samples that can train the system. If you have any patients with dysarthria, they can help!

## REQUIREMENTS:

- Be at least 18 years old.
- Have access to a computer with a microphone or a mobile device (Android or iOS).
- Speak English fluently.
- Have difficulties being understood by others (not because of an accent).
- Have access to a gmail account

## HOW TO GET STARTED?

Please fill out Our [interest form](#) and we will be in touch with further instructions!

## CONTACT US

Already filled out our interest form?

You should have received a welcome email from us with instructions.

Click on the link in the welcome email to start recording.

If you have any issues, email us at

Euphonia-project@google.com

# A GUIDE TO GOOGLE EUPHONIA

## 1. GETTING STARTED!



Once you have filled out our interest form, and received your "Welcome to Project Euphonia" email, follow the steps below to start recording.

## 3. START RECORDING!

- Access ChitChat [HERE](#)
- Use your gmail account (or other email linked to a Google or Google Apps account) to log into the system.
- Read and initial the pop-up consent that will appear.
- Click the mic icon next to a phrase to start recording

*Note: the first time you record, you may have to follow these steps as well for the first recording. (Select the mic. The selection will be remembered until you close your browser window or refresh the page.)*

- Click on the red square icon to stop recording

*Optional - listen to the recorded audio (Press the play button, Click on the mic icon again if you would like to re-record)*

- Click on the "disk" icon to save the recording (*Note that the recording will be auto saved after 30 seconds. Saved recordings will appear in green*)
- Continue to record the rest of the lines/phrases on a page Move to the next page (if any) and continue recording new lines.

## 2. DEVICE & BROWSER REQUIREMENTS



### Device Requirements:

- A computer, laptop, phone, or tablet with a built-in or plugged-in microphone

### Browser Requirements:

- iPhone or iPads: Safari browser
- All other devices and computers (including Mac and PC desktops): Chrome browser

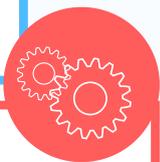
**We prefer that you use a smartphone to record phrases but recording on a computer or tablet is also accepted.**



## 4. TIPS!

- Phrases with white background haven't been recorded yet.
- Phrases with yellow background have been recorded, but not yet saved. You can listen to the recording, and re-record if desired.
- Phrases with green background have been saved. You can listen to the recording and re-record at any time.

## 5. TROUBLESHOOTING



- Access issues?

Try opening <https://speech.google.com/chitchat> in a Chrome Incognito Window or Safari Private Browser.

- Getting an Access Denied 400 Error? You need a Google account to log in. If you signed up to Euphonia with a non-Gmail account, you will either need to create a Google account using that email address. If you have a Gmail account you'd like to use, email [euphonia-project@google.com](mailto:euphonia-project@google.com) with that Gmail address.

- See our [ChitChat User Guide](#) if you need additional guidance.