

Yuhalu Hmong Text To Speech

Installation Instructions

Downloads

The following files need to be downloaded, refer to information provided on yuhalu.org website if available:

1. Yuhalu Hmong text to speech software;
2. All the voices;
3. Besides the above, Oracle Java JRE (Java Runtime Environment) software is needed to download and install also. Refer to its download, installation, set path variables posted online.

Notes:

- You can use any one of the voices, but for dialogues purposes, it is better to install all.
- For update, just download the needed one(s).

Yuhalu Software Installation

Download [Yuhalu.zip](#) first. This file is zipped so it needs to unzip. On Windows 7, I use 7-zip. These instructions are based on Windows 7, and disk drive C.

During this unzipping process, the zip program will create all the directories or folders to store all the files automatically.

Follow the following steps to install the Yuhalu.zip file:

1. Open window explorer to locate [Yuhalu.zip](#), the main software, then click on it to select. Note: To locate the downloaded file, open Firefox or Chrome, then do a Control +J.
2. Right click to show a popup window with [7-zip](#) and position the mouse to this. There is another popup window on its right.
3. Click [Extract files...](#) to show the [Extract](#) popup window, then click the [button with three dots](#) on the far right to show the [Browse For Folder](#).

4. Click on **Computer**, then **Local Disk (C:)**. Note: After clicking this drive, the field below **Extract to:** will show **C:**.
5. Click **OK** button to create a folder **C:\Yuhalu** from the root, and all other subfolders with their files.

Note: There should be a lot of scrolling texts up the screen during this process.

Voices Installation

Download all the voices as needed. They are all zipped to save time for upload or download.

The following step is applicable to all other files regarding new installation and updates after installing the Yuhalu software:

Open window explorer to locate the zipped file, then make sure to unzip it into the root directory of Yuhalu, example: **C:\Yuhalu**. The zip software will put all the files to the correct subdirectories.

Note: You can create folder under **Yuhalu\Voice\YourVoice** to store and use your own voice if wish.

Oracle Java JRE (Java Runtime Environment) Installation

This Yuhalu software needs the JRE software to run all its codes.

Refer to its download, installation, set path variables posted online.

To check if JRE is already installed on your computer:

1. Click the Start icon on the lower left corner, then type **cmd** to go to DOS prompt.
2. Type **java -version**, and you shall see Java version if it is installed; otherwise, it will show 'java' is not recognized as internal or external command, operable program or batch file.
3. If it is already installed, make sure it is the working for Yuhalu Hmong text to speech; otherwise, you need to update the JRE software.
4. If not installed yet, download, then install it.
5. Set the path variables according to its instructions if it is the first time, and this is the most challenging step.

Creating Shortcut

On Windows OS, in order to run a Java program, a batch file needs to be created with the parameters to allocate memory usage, refer to example below.

`start javaw -Xmx1G -Xms2G Yuhalu`, and this line of text is stored in a file named `YuhaluRun.bat` inside the Yuhalu folder.

This procedure needs to run only once to create shortcut on the desktop, but in case there are **Out of Memory Error**, try to increase the memory size as needed.

Follow the following steps to create this file and a shortcut on the desk top.

1. Open window explorer and locate the batch file `YuhaluRun.bat` inside the Yuhalu folder.
2. Double click this file to run the software.
3. On the top menu bar, click **System**, then **Create Shortcut** to show its window.
4. Click the Help button to show more help if needed.
5. Select an option inside the white window by double click.
6. Check the **Reload software after creating** checkbox if needed.
7. Click the **Create** button to do so.
8. If created successfully, look for **Yuhalu Hmong TTS** on the desktop.

To run the software for subsequent uses, just click the shortcut.