

Great Sounding text to speech with very little effort after these changes.

To use the text to speech program embedded in Hamvoip software:

log into the raspberry with putty, menu 9

```
cd /etc/asterisk/local
```

You can use nano to create a something.txt file or create it in WinSCP.

Once created run the tts [text to speech] converter.

I made one called test.txt

```
tts_audio.sh test.txt ;then hit the enter key
```

There will now be a test.ul file in the /etc/asterisk/local

Now play it from, /etc/asterisk/local

```
type: asterisk -rx "rpt playback 5086 /etc/asterisk/local/test" ;and hit enter
```

Choices for the above command are to replace playback, which is to all connected nodes, with localplay, for just the node you specify, in my example 5086 is my repeater node.

Text to Speech uses voicerss.org every time you run it so you have to be connected to the internet with your raspberry Pi.

There are 5 voices to choose from but you need to make modifications to include the other 4.

First edit tts.conf

Note:tts.conf is located in /usr/local/etc

You will be renaming the tts.conf script file to match each voice choice.

I added all the voices. one per tts?????.conf. Each new tts?????.conf has the tts\_v=????? for a different voice.

The ????? is the name of the voice. Linda, Amy, Mary, John, Mike. Save this edited file with the voice name.

Example: ttsLinda.conf

tts\_key=bb558c7383354e13ae3b07fc40403ead

# key for voicerss.org url, this is mandatory

tts\_r=-1

# tts\_r is speech rate (speed). Allows values:

# from -10 (slowest speed) up to 10

# (fastest speed).

tts\_hl=en-us

# tts\_hl is the language setting

# See voicerss.org documentation for further

# details of what languages are supported.

tts\_v=Linda

#new edit to this file to choose voice.

tts\_f=44khz\_16bit\_mono

# The speech audio formats. Allows values:

# see Audio Formats on voicrсс.org

# \$id: \$

Then in:

```
/usr/local/bin
```

I also had to edit the `tts_audio.sh` so it would look for the new voice option.

and when done named it `tts_audio????.sh` again the `????` is the voice name.

Example: `tts_audioLinda.sh`

Very simple change in the first two lines.

Example:

```
if [ -f /usr/local/etc/ttsLinda.conf ] ; then
```

```
    source /usr/local/etc/ttsLinda.conf
```

```
else
```

Just to recap:

`tts_audio.sh` points to `tts.conf` so I modified those files to use different voices.

There are now 5 new `tts_????audio.sh` and `tts????.conf` files.

You can type the original `tts_audio.sh test.txt` ;then hit the enter key or choose

one of your new voices. I use `tts_audioMike.sh` for my CDM1250 remote base channel steering.

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