

mod_flite

About

Flite (aka Festival Lite) is a small embeddable TTS (Text to Speech) engine that's totally free.

Works on FreeBSD, Mac, Linux and Windows.

Don't load mod_cepstral and mod_flite at the same time. (symbol collision).

Voices are 16khz, and are:

- slt (female voice)
- rms (male voice)
- awb (male voice)
- kal (male voice)

Installing mod_flite

In modules.conf:

- Uncomment asr_tts/mod_flite;



Edit the modules.conf at the top level of your src directory and NOT to be confused with the freeswitch/conf/modules.conf.xml file which you will also have to edit later - see below). This installation has been written assuming that you are going to be compiling this module.

Comment out asr_tts/mod_cepstral from the same file. Both modules cannot be used together.

- Run make, make install.

In freeswitch/conf/autoload_configs/modules.conf.xml:

- Uncomment `<load module="mod_flite"/>`
- Comment out `<load module="mod_cepstral"/>`

Using mod_flite

```
<extension name="flite">
  <condition field="destination_number" expression="^9886$">
    <action application="set" data="tts_engine=flite"/>
    <action application="set" data="tts_voice=kal"/>
    <action application="speak" data="This is flite on FreeSWITCH"/>
  </condition>
</extension>
```

To set volume at your desired level:

```
<action application="set_audio_level" data="write 4"/>
<action application="set_audio_level" data="read 4"/>
```

write for output audio stream and read for incoming audio stream. read and write can take integral values from 4 to -4