FreeSWITCH Phrase Macro

FreeSWITCH Agenda

Phrase Macro Syntax

Phrase Macro by Example

Lab 1 - a basic Phrase Macro

Lab 2 - Match and Nomatch in Phrase Macro

FreeSWITCH Phrase Macro Usage

Phrase macros definitions are found in files included by FreeSWITCH conf directory /lang/en/en.xml

```
root@FreeSWITCH01:/etc/freeswitch/lang/en# ls
demo dir en.xml ivr vm
```

FreeSWITCH Phrase Macro Example

lang/en/demo/demo-ivr.xml

FreeSWITCH Phrase Macro Example (macro name and pause)

Macro "name" is what we will use in phrase call from dialplan or script.

"pause" will be the number of milliseconds to sleep after playing each individual sound file (optional)

FreeSWITCH Phrase Macro Example (input pattern)

The regular expression in "input pattern" is checked against the input passed as an argument to "phrase"

<action application="phrase" data="phrase_lab1,1000"/>

If that expression matches, the phrase macro will execute the actions contained in the "match" section, else if the input pattern is not matched, the phrase macro will execute the actions contained in the "nomatch" section

Create a Phrase Macro to read the number of messages that we pass as input.

Create a Phrase Macro to read the number of messages and if the number of messages is more than 9999, Phrase Macro plays "that mailbox is full, please try the call again later".

```
<include>
 <macro name="phrase_lab2" pause="750">
         <input pattern="^(\d{4})">
      <match>
      <action function="execute" data="sleep(1000)"/>
      <action function="play-file" data="voicemail/vm-you_have.wav"/>
      <action function="say" data="$1" method="pronounced" type="items"/>
      <action function="play-file" data="voicemail/vm-messages.wav"/>
      </match>
      <nomatch>
      <action function="execute" data="sleep(1000)"/>
      <action function="play-file" data="voicemail/vm-mailbox_full.wav"/>
      </nomatch>
   </input>
  </macro>
</include>
```