# VoiceInteraction ASR

## About

VoiceInteraction
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Website: http://www.voiceinteraction.pt

## Definition

VoiceInteraction, founded in 2008 and based in Lisboa (Portugal), is a company specialised in the development of speech technologies. VoiceInteraction develops voice synthesis and speech recognition engines for many web and telephony applications.

## Languages

Portuguese · Portuguese (Brazil)

## Installation

This is for de Debian Lenny version, for other Linux, read the official Audimus Installation manual. To configure the apt client, just edit and add to the file /etc/apt/sources.list one of the following line set.

For asterisk 1.Y.X

```
deb http://services.voiceinteraction.pt/repo/Debian/5.0 engines 3rdparty
Dixi Audimus
deb http://services.voiceinteraction.pt/repo/Debian/5.0 asterisk.1.Y.X Dixi
Audimus
```

Refresh the package lacal base with:

```
# apt-get update
```

And Install the package audimus-asterisk-xx-xx (where xx-xx is the language requested):

```
# apt-get install audimus-asterisk-es-es
```

The following extra packages will be installed:

```
audimus audimus-config audimus-model-es-es-monophones-g2p-phonemodels
audimus-model-es-es-monophones-mlp-telephone audimus-model-es-es-monophones-
task-asterisk
```

Activate the license with:

```
# audimus_activate_license
```

Please enter your Audimus license:

```
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
Your License was successfully activated!
```

# Configuration

To enable speech recognition, change the main speech parameter. The “speech” parameter can get three values, “yes”, “automatic”, “no” or “emulation” (don’t generate errors if you enable speech grammars).

```
…
speech=automatic
speechprovider=verbio
…
```

In the VoiceXML browser configuration file:

```
############################
# ASR server configuration #
############################

client.rec.resource.0.cacheDir              VXIString   /tmp/cacheContent
client.rec.resource.0.format                VXIString   txt
client.rec.resource.0.syntax                VXIString   doctype
```

You need to restart the Vxi and Asterisk to get all the changes.

Logs file from the ASR engine:

```
# tail -f /var/log/VI/VI.log
```

The following VoiceXML example uses the speech recognition, with the built in grammar, ‘digits.’

```
<?xml version="1.0" encoding="iso-8859-1"?>
<vxml version="2.0" xmlns="http://www.w3.org/2001/vxml" xml:lang="en-UK">
 <form>
  <property name="inputmodes" value="voice"/>
  <property name="timeout" value="30s"/>
```

```
  <field name="text" type="digits">
   <catch event="noinput nomatch">
    <reprompt/>
   </catch>
   <prompt>
    Speak to me:
   </prompt>
  </field>
  <filled>
   <prompt>
    You say me:
    <value expr="text" />
   </prompt>
   <clear namelist="text" />
  </filled>
 </form>
</vxml>
```

From:
https://wiki.voximal.com/ - **Voximal documentation**

Permanent link:
**https://wiki.voximal.com/doku.php?id=legacy:speech_recognition_guide:voiceinteration_asr:start**

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