



QUICK CONFIGURATION GUIDE

VOIXTREME ESSENTIALS EDITION

This document will show you how to configure some aspects to customize your VoiXtreme® app.

Here you will find, a simple configuration of VoiXtreme® files, even as how to change the icons and sounds.





VOS DÉFIS SONT
NOS INNOVATIONS

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FILES AND DIRECTORIES STRUCTURE

VoiXtreme app has a very simple file structure. Basically, you have a folder named “voixtreme” containing the necessary files to process the vocal recognition.

Internal storage > voixtreme

Name ^

-  _vxt_asr_es.dat
-  _vxt_calibratelist.txt
-  _vxt_cd_es.bnf
-  _vxt_cd_es.lcf
-  _vxt_cd_es_Template.bnf
-  _vxt_configuration.jcd
-  _vxt_configuration.jcf
-  _vxt_demo_picking.jcd
-  _vxt_demo_picking.jcf
-  _vxt_license.txt
-  _vxt_muid.txt
-  _vxt_sn.txt
-  _vxt_tts_es.obb
-  _vxt_ttsrules.txt
-  StandardKeyword.txt
-  voixtremeBad.wav
-  voixtremeGood.wav
-  voixtremeStart.wav

File types	
_vxt_configuration.jcd _vxt_demo_picking.jcd	Descriptive configuration file. It is necessary for the VisualJsonEditor.exe to work. All the jcf files must have its corresponding jcd file. It includes demo files.
_vxt_configuration.jcf _vxt_demo_picking.jcf	Editable configuration file. Open it with the VisualJsonEditor to modify its parameters. It includes demo files.
_vxt_cd_es.bnf _vxt_cd_es_Template.bnf _vxt_cd_es.lcf StandardKeyword.txt	Grammar rules configuration and compiled files corresponding to the language installed
_vxt_ttsrules.txt	TTS substitution rules
_vxt_calibratelist.txt	List of ASR calibrate words to say
_vxt_asr_es.dat _vxt_tts_es.obb	ASR and TTS packages corresponding to the language installed
voixtremeBad.wav voixtremeGood.wav voixtremeStart.wav	Sound file. All the configurable sounds of VoiXtreme® have WAV format. To change it, just put the new beep in its place and rename it with this name or use in configuration file the new file name.

The last version of VoiXtreme® uses the acmod5 model and the Nuance VoCon V4.11 engine.

CUSTOMIZE SOUNDS

In the VoiXtreme® installation package, apart from the mentioned resources, we provide you a "Tools" folder with some extra archives. This folder contains a collection of **sounds** for the application, so you can adapt the program to your company needs and likes.

VoiXNext > 4.1.3 >

Name

Devices

Help

Languages

Tools

sound_lib

We are going to explain you how to change these sounds for the ones in the libraries we provided you. But you can also create your own ones. These are the requirements:

- The sound files must be *.wav extension.
- The sound files shouldn't have more than 3 seconds of duration, for practical reasons.

CHANGING VOIXTREME SOUNDS



The sounds that your Android device, specifically VoiXtreme Calibrate app, makes when it receives a word from you, whether when it is right, **voixtremeGood.wav** or when it is wrong: **voixtremeBad.wav**, can be changed.

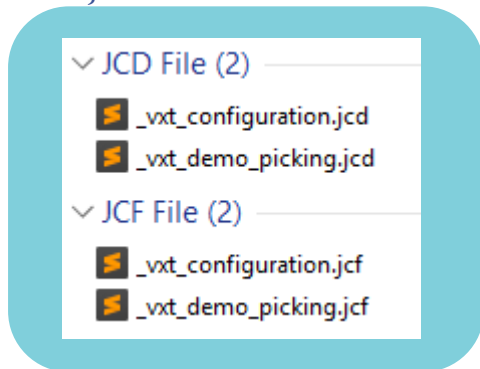
Just pick the desired sound from the **Tools\sound_lib** folder and place it with the correct name in the **VoiXtreme** folder.

A good free-software tool to create your own sounds is [Audacity](#).

CONFIGURATION FILES

All the configuration parameters of VoiXtreme® are stored in a pair of JSON files. This pair of JSON files is composed by a descriptive file jcd (just informational) and a configurable file jcf. These are the _vxt_configuration files you can see in the following image.

JSON FILES



The _vxt_demo_picking files are used to execute a little demo app named Voice Picking Demo. This application can be installed in your Android device and it can help you to see a little example about how the VoiXtreme app works.

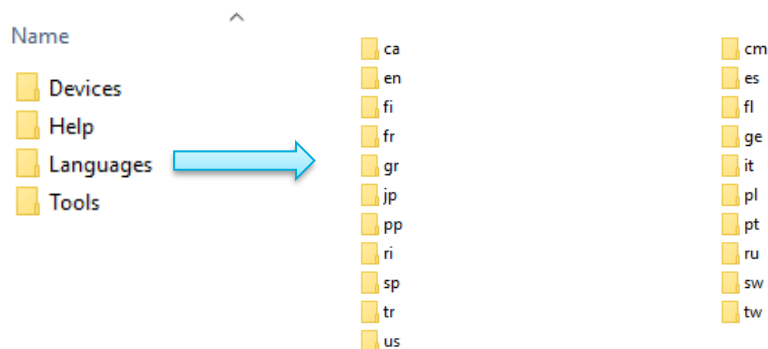
To ease the configuration task, we have provided you with a desktop tool that will help you to edit any JSON configuration file, **VisualJsonEditor**. You will find the installer package of this program in the VoiXtreme® files supplied.

BASIC CONFIGURATION

Next, you will find a table with the available languages to run VoiXtreme®.

Refer to: [VoiXtreme_languages](#) document for further information.

Every language of this list can be located in the Languages folder of the VoiXtreme® package supplied



Depending on the devices used, some parameters must be considered:

AsrTuning.AsrThreshold: adjust this parameter to your headset or terminal device to detect a correct voice speech.

Input.RecordSound: if set to 1, any verbalization will be recorded and saved as pcm files into your device. This action could help you to analyze vocalizations next.

Microphone.Mode: adjust depending on you microphone usage.

Microphone.Bluetooth: configure the pairing parameters if you use a Bluetooth microphone.

Microphone.Bluetooth.UseScanCamera: set to true if you will use the internal camera of your Android device to pair with the Bluetooth microphone.

Calibrate.Portrait: set the orientation of your screen when Calibrating app is executing.

Refer to: [VoiXtreme_configuration](#) doc for further information.

USING VOIXTREME WITH TELLNEXT PROFILES

To use VoiXtreme® with a TellNext® profile, it is necessary to copy the following VoiXtreme files to the corresponding process folder

(TellNext\Profiles\<ProfileName>\Processes\<ProcessName>):

```
_vxt_ttsrules.txt  
_vxt_configuration.jcf  
_vxt_configuration.jcd  
_vxt_cd_es.lcf  
_vxt_cd_es.bnf  
_vxt_calibratelist.txt
```

.lcf and .bnf files correspond to the specific language package of vocal recognition.

In _tnx_process.jcf file, you will have to indicate the vocal engine usage too (**General.UsesVoice** parameter):

```
"UsesVoice": true,
```