



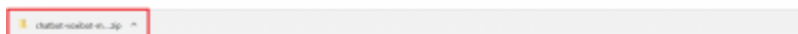
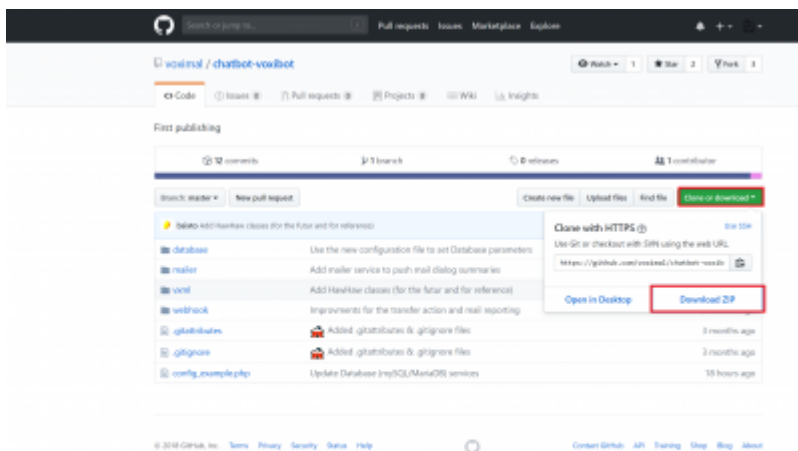
# Voxibot

## set up voxibot with right package :

To be able to connect chatbot with voxibot we need specific database package which we would like to implement and integrate. therefore the first step is to download the necessary data files from the source of voxibot platform. Our sources exist on GitHub [Voxibot](#). These files are the backbone of our communication process between chatbot engine and voxibot.

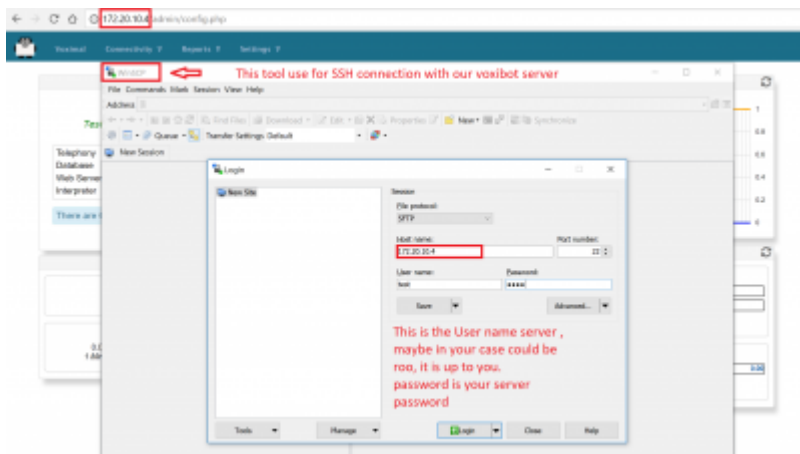
### Let's start

1. Go to the files and folders by this link [Voxibot packages](#). Click **clone or download** then **Download ZIP**. when the download finishes you go to a directory of file place and Extract the file.

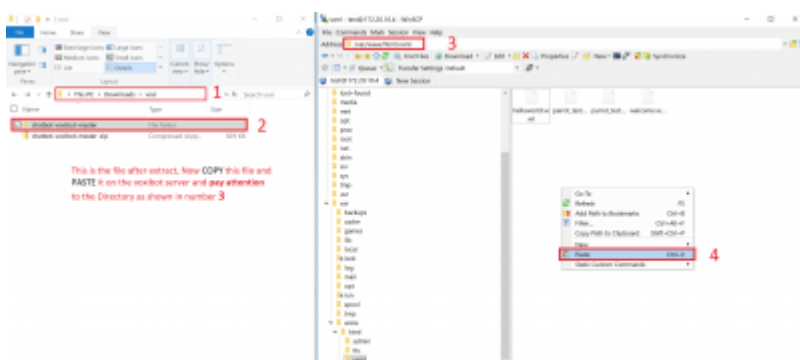


**Remark :** This step if your host machine is windows and you download the package on Windows. It is better to use SSH connection to insert the package on your voxibot server. In our case, we use a tool called WinSCP

2. Connect your SSh tool (**WinSCP**) to your voxibot server, put the **host name**: IP of your server, **user name** : root or [ your server name ] **password** : [ root password ] or [ user password ]



3. Go to the file that you download and copy it then Paste it on your voxibot server with correct directory /var/www/html/vxml



Go and browse the folder and verify all the files. So By finishing these steps, you can start your chatbot integration with various engines. all you need now some credentials and set it on root.vxml file and conversation file depend on the engine. For instant conversation\_watson.vxml in case of watson engine and so on. You can find the Documentation regards to an engine that you want. click here [Connecting with chatbot](#) :

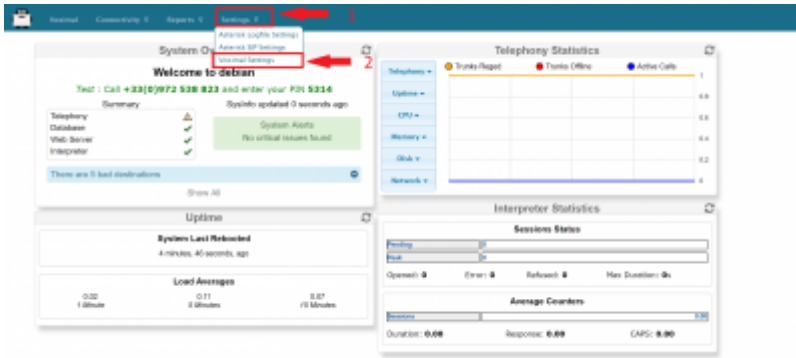
### configure voxibot:

In this side we need to adapt our watson credential in easy way inside Voxibot, then by finishing these next steps we will be able to talk to our chatbot thanks to voximal voice assistant. **Note**, We deal with Arabic language as we will see.

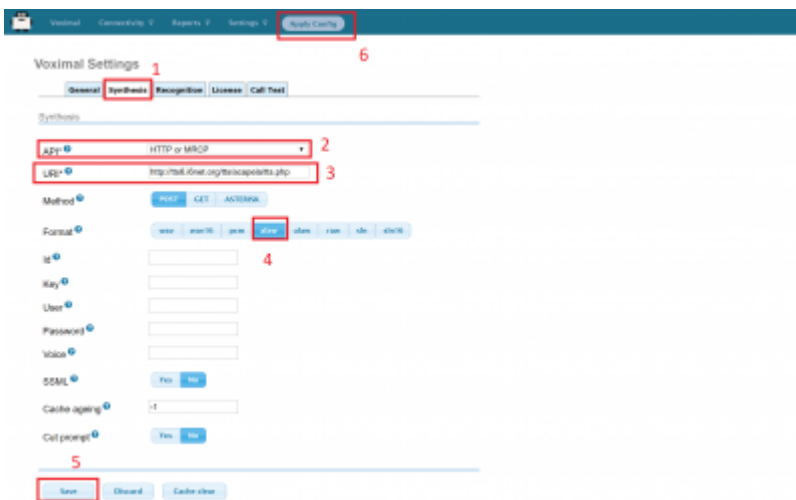
### Let's start step by step

**Note** : Each step you edit or add something new you should do save/submit the apply config

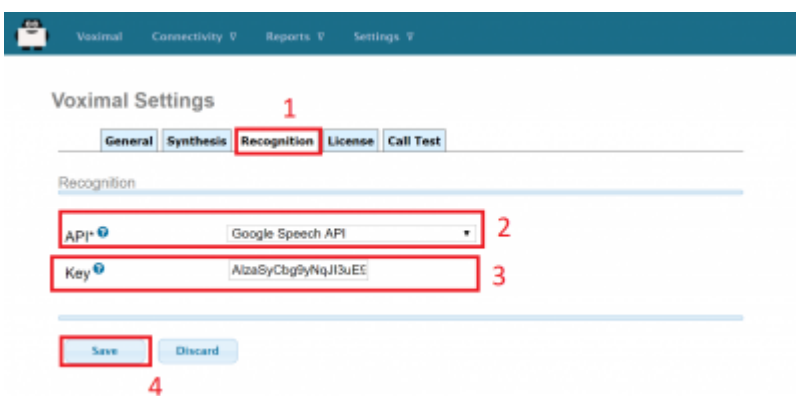
1. To start configuring our voxibot firstly, go to **settings** then **voximal settings** to adjust our settings.



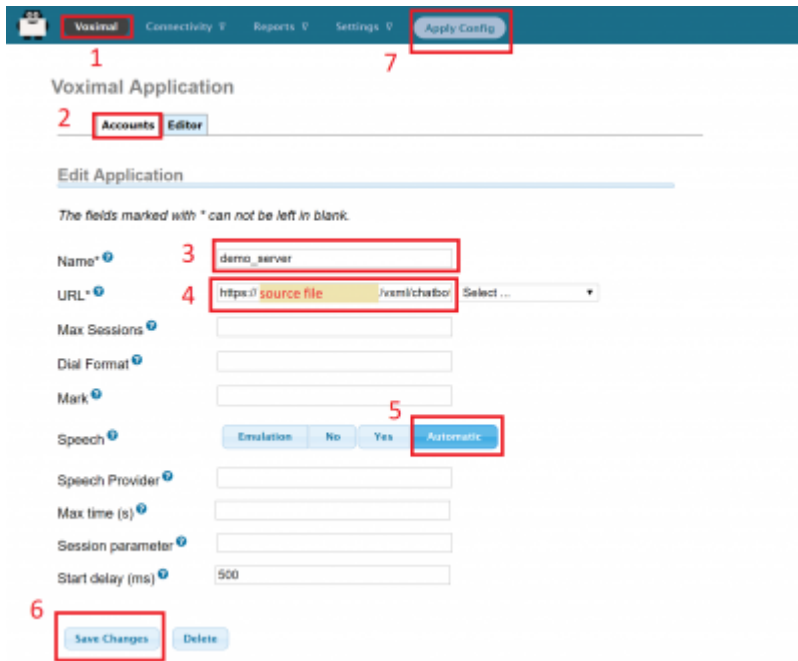
2. As shown below choose your API, in our case **HTTP or MRCP** which easy and support Arabic. Just copy and paste the link in **URI** <http://tts6.i6net.org/tts/acapela/tts.php>. **Pay attention** to format (alaw), save and apply config after finishing.



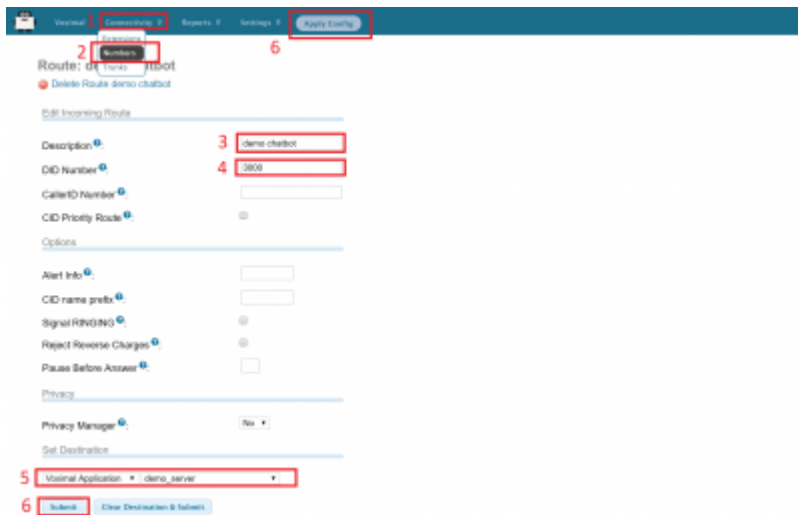
3. We need API recognition engine to print out and translate our input as a text to be understood by the chatbot. You need to have a credential key for Google or your favorite provider. There are other engines can provide recognition features that depend on the quality and the language support.



4. Create an account to assign it to a Number, this account will connect to the database to communicate with the chatbot, **URL** is the source where our essentials file located. set the speech to **Automatic** to avoid any issues,



5. Set a call number to our account that just created, give it any number and name, the important part here is to set **destination**. it will be **voximal application** and link it to the account name that should appear on the list because we just made it **\*\*(demo\_server)\*\***



6. There are two files need to adapt to our case **root.vxml** and **conversation\_watson.vxml** For the root file set the language that you want and supported by the provider (engine). also Because we use Watson so our credential will be Watson credential, we explain how to get these credential from Watson in the top of this page. in addition, By setting your email address you can have the results of your calls and your communication logs with the chatbot.

```

1 <!-- Timeout -->
2 <property name="timeout" value="10m"/>
3 <property name="compleatetime" value="10m"/>
4 <property name="connecttimeout" value="5m"/>
5 <property name="keepalivetimeout" value="10m"/>
6
7 <!-- CGI configuration -->
8 <var name="CGIurl" expr="session.connection.remote.uri"/>
9 <var name="CGIurl" expr="session.connection.local.uri"/>
10 <var name="id" expr="telephone.id"/>
11 <var name="param" expr="telephone.param"/>
12 <var name="location" expr="*/"/>
13 <var name="language" expr="*/"/>
14 <var name="destination" expr="*/"/>
15 <var name="passwd" expr="*/"/>
16
17 <!-- MAIN configuration -->
18 <var name="lang" expr="*/"/>
19 <!-- language (fr, en, ar) -->
20 <var name="language" expr="*/"/>
21 <!-- language Machine Detector (false, true) -->
22 <var name="welcome" expr="Cette appli sera exécutée afin d'améliorer la réponse de notre agent virtuel."/>
23 <!-- Welcome message -->
24 <var name="welcome" expr="*/"/>
25 <var name="hello" expr="*/"/>
26 <var name="good" expr="*/"/>
27 <var name="mail" expr="*/"/>
28
29 <!-- log -->
30 <var name="log" expr="new Array()"/>
31 <var name="result" expr="*/"/>
32 <var name="session" expr="*/"/>
33
34 <!-- To send results to your Email -->
35 <var name="address" expr="*/@live.fr, @gmail.com"/>
36 <var name="key" expr="secret"/>
37 <var name="format" expr="*/"/>
38
39 <!-- CHATBOT configuration -->
40 <var name="chatbot" expr="*/"/>
41
42 <!-- Using Google -->
43 <property name="authorization" value="Basic <base64encode('id:passwd')>"/>
44 <!-- Voxibot -->
45
46 <!-- Watson -->
47 <property name="authorization" value="Basic <base64encode('id:passwd')>"/>
48 <!-- value= secretpasswd -->
49 <var name="workspace" expr="*/Workspace ID 2345678"/>

```

7. In **conversation\_watson** put the language as you configure in root file. This depends on which workspace ID you want to communicate with.

```

1 <!-- Watson -->
2 <!-- most change I need this line language on, en-US, en-UK, ar, ar regarding what is the TTS provider -->
3 <var name="lang" value="fr" xmlns="http://www.w3.org/2001/XMLSchema-instance" application="root.xml" xml:lang="ar"/>
4 <var name="start" expr="true"/>
5
6 <var name="prompt" expr="*/"/>
7
8 <var name="url_to_invoke" expr="*/"/>
9 <var name="url_args" expr="*/"/>
10 <var name="url_result" expr="*/"/>
11
12 <script>
13 var context = 1 conversation_id idle
14 var input = { text: '' };
15 </script>
16
17 <var name="answer" expr="*/VIDE*/>
18 <var name="sessionId" expr="session.connection.remote.uri"/>
19
20 <form id="main">
21 <!-- Init for Watson -->
22 <block cond="start">
23 <assign name="input.text" expr="HELLO"/>
24 <log WATSON : input: <value expr="input"/> context: <value expr="context"/> </log>
25 <data name="api" expr="https://gateway.watsonplatform.net/conversation/api/v1/workspaces/'workspace+'>
26 <log WATSON : result: <value expr="api"/> </log>
27 <assign name="start" expr="false"/>
28 <assign name="prompt" expr="*/"/>
29 <foreach iter="text" array="api.output.text">
30 <assign name="prompt" expr="prompt+text"/>
31 </foreach>
32 <script>log("Watson (init): " + prompt);</script>
33 </block>
34
35 <!-- Get the user input -->
36 <field cond="true" name = "text">
37 <property name="timeout" value="10m"/>
38 <property name="compleatetime" value="10m"/>
39 <property name="interdigittimeout" value="100ms"/>
40 <property name="sensitivity" value="0.5"/>
41 <grammar srcexpr="builtin:grammar/text'+lang"/>
42 <grammar srcexpr="alias_'+lang+'.xml"/>
43 <grammar srcexpr="phrase_'+lang+'.txt"/>
44 <prompt cond="lang='fr'" xml:lang="fr"><value expr="prompt"/></prompt>

```

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

Permanent link: [https://wiki.voximal.com/doku.php?id=developer\\_guide:voxibot\\_howto&rev=1530057054](https://wiki.voximal.com/doku.php?id=developer_guide:voxibot_howto&rev=1530057054)

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