

VoiceXML Example : Speech Recognition

Simple inline grammar

```
<?xml version="1.0"?>
<vxml version="2.0" xmlns="http://www.w3.org/2001/vxml" xml:lang="es-ES">
  <property name="confidencelevel" value="0.6"/>
  <property name="inputmodes" value="voice"/>
  <form id="deck">
    <field name="name">
      <grammar xml:lang="es-ES" root="name">
        <rule id="name">
          <one-of>
            <item>chocolate
              <tag>chocolate</tag>
            </item>
            <item>vainilla
              <tag>vainilla</tag>
            </item>
          </one-of>
        </rule>
      </grammar>
      <prompt>¿Que prefiere, el chocolate o la vainilla ?</prompt>
    </field>
    <filled>
      <prompt>Usted ha dicho
        <value expr="name"/>
      </prompt>
    </filled>
  </form>
</vxml>
```

The VoiceXML browser will use an grammar defined in the document. This is a case of a SRGS/GRXML simple grammar.

Download : [vestec1.vxml](#)

Simple ABNF reference grammar

```
<?xml version="1.0"?>
<vxml version="2.0" xmlns="http://www.w3.org/2001/vxml" xml:lang="es-ES">
  <form>
    <property name="inputmodes" value="voice"/>
    <property name="timeout" value="5s"/>
    <field name="text">
      <grammar mode="voice" src="yesno_es.grm"/>
      <catch event="noinput nomatch">
        <reprompt/>
      </catch>
    </field>
  </form>
```

```
    Por favor diga, si o no
  </prompt>
</field>
<filled>
  <prompt>
    Ha dicho :
    <value expr="text.Yesno" />
  </prompt>
  <clear namelist="text" />
</filled>
</form>
</vxml>
```

```
/*
  Vestec Automatic Speech Recognition Engine Version 1.0
  Copyright (c) 2009 Voice Enabling Systems Technology, Inc. All rights
  reserved.
  */

#ABNF 1.0;

$Yesno = $Yes {si} | $No {no};

$Yes =
  si
  | sip
  | claro
  ;

$No =
  no
  ;
```

The VoiceXML browser will use a grammar file with the ABNF syntax.

Download : [vestec2.vxml yesno_es.grm](#)

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