Microsoft Azure Text to Speech

HTTP TTS Connector Installation Guide

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Requirements

1. Web Server with PHP 7.3 and at least the curl and mbstring PHP extension installed.
2. Ffmpeg program installed.
3. Microsoft Azure Account.
4. Speech resource created.

Installation - Software Download

1. Download the .zip file with the TTS from our downloads page (microsoft-azure-tts-connector.zip)
2. Unzip the file into the web server.

Installation - Microsoft Azure Key

1. Log into your Microsoft Azure account and go to the portal.
2. Go to the Speech resource created.
3. In Resource Management you can find a label call 'key', there are two keys for the API.
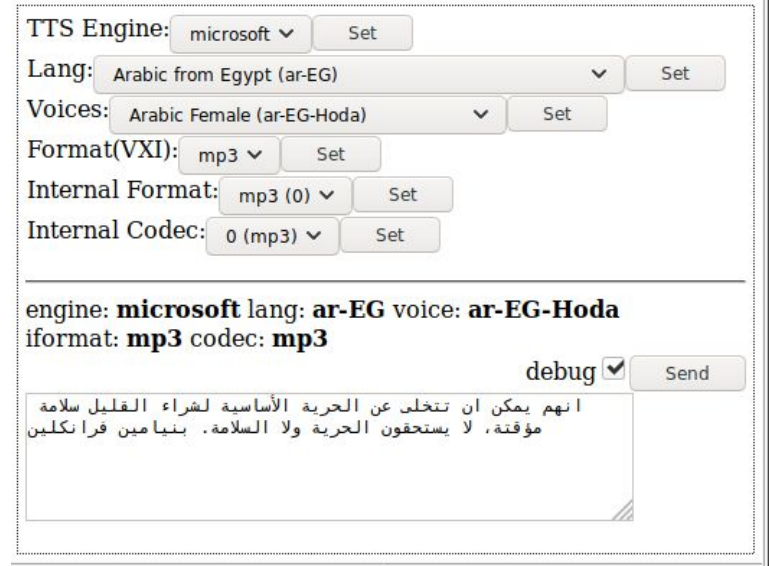
Installation - Configuration

1. Open the file **config.php** that lives in the folder created when unzipping the downloaded file.
2. Change **PRIVATE_KEY** with one of your own keys and **APPLICATION_NAME** with the name of the Speech resource.
3. Save the file.

Checking the installation

1. Browse to the file **index.php** through the web server. You should see something like the following.
2. Try the TTS selecting a Language and a Voice and hitting the **Send** button.
3. If the requirements and installation are ok you should hear an audio with the TTS prompt.
4. If anything failed it may be pointed in the right panel of the interface.

Neural Voices

Microsoft Azure has some regions where neural voices do not work, here are these regions:

- Central US, East Asia, East US 2, France Central, Japan East, Korea Central, North Central US, North Europe and West US.
- For more information see Microsoft Azure documentation

VoiceXML Example (Spanish)

We are going to use the Spanish Castilian lang (**es-ES**) with **es-ES-Laura-Apollo** voice.

```xml
<?xml version="1.0"?>
<vxml version="2.1" xmlns="http://www.w3.org/2001/vxml" xml:lang="es-ES">
    <property name="promptvoice" value="es-ES-Laura-Apollo"/>
    <form>
        <block>
            <prompt>Hola Mundo!</prompt>
        </block>
    </form>
</vxml>
```

VoiceXML Example (English)

We are going to use the English from the UK lang (**en-GB**) with **en-GB-Susan-Apollo** voice.

```xml
<?xml version="1.0"?>
<vxml version="2.1" xmlns="http://www.w3.org/2001/vxml" xml:lang="en-GB">
    <property name="promptvoice" value="en-GB-Susan-Apollo"/>
    <form>
        <block>
            <prompt>Hola Mundo!</prompt>
        </block>
    </form>
</vxml>
```

End