# **Text To Speech API**

Text To Speech API - CloudPronouncer (tts online or tts reader) is a cross browsers REST API supporting now

193 Standard and Premium Voices in 32 languages including variants (the list is growing in time)

and it may be used by any device that can connect to Internet and send the POST requests to our API as instructed in this website: smartphones, tablets, laptops, PC Desktops, other smart devices. It uses cloud infrastructure and artificial intelligence to solve the requests.

Allthough this Text To Speech or text to voice utility is intended for software development and therefore developers, we have also here an online application that may be used to get audio files from the input text either plain text or text with <u>SSML markup</u>. Text to Speech API-The necessary steps are written below,

basically for Text To Speech API you send an authorized POST request in JSON format to the API endpoint and you get as JSON response a base64 encoded string representing the audio file and a link to the saved audio file if you chose so. You have also the option to save the audio file encoded as Linear16 (uncompressed .wav file), .mp3 file or .ogg file. You own the commercial copyright of the resulted audio file(s) with no additional fee.

Text To Speech APP or API is useful for a large number of domains like: e-Learning, bots, smart devices, robots, messaging, call centers etc.

For using our API and/or APP you must <u>create an account</u> (free of charge, no card required), activate it from your received email, login and then start your TRIAL package with no fees as you can see at our <u>pricing packages</u>. After you have tested the text to speech readear API and/or APP and you are satisfied, you may buy a paid package. You will always see at your Admin Console page the real resources consumption in real time, your invoices, you may see/edit/delete your profile or export log consents as GDPR instructed, you may read our FAQs.

**PRICING** 

**APP TOOL** 

**API ENDPOINT** 

API AUTHORIZATION

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**API REQUEST BODY** 

**API RESPONSE BODY** 

**API REQUEST PARAMS** 

**API RESPONSE PARAMS** 

**API ERRORS** 

**VOICES AND LANGUAGES** 

**SSML EXAMPLES** 

**API SAMPLE CODES** 

VIDEO DEMO

# **Text To Speech APP**

This is a very simple to implement Text To Speech API and yet really powerfull based on cloud and artificial intelligence. It works on every device which can connect to internet and can send requests to the API.

#### Voice Name

en-US-PREMIUM-C\_FEMALE

**Audio Encoding** 

Mp3 ▼

Request Type

Text

Device (\*Beta)

HeadPhones

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- 0 Pitch
- 0 Volume

Save audio file locally

Get JSON response from our API

0:00 / 0:00

## API Endpoint (method POST):

https://www.de-vis-software.ro/tts.aspx

#### **Headers:**

Authorization: Basic //Your username:password are base64 encoded string Content-Type: application/json
Accept: application/json

# JSON Request Body (change inputs here and see in real time below):

```
{
"inputtext":"This is a very simple to implement Text To Speech API and yet really powerfull based on cl
"ssml":"Text",
"voicename":"en-US-PREMIUM-C_FEMALE",
"voicetype":"HeadPhones",
"encoding":"Mp3",
"speed":1,
"pitch":0,
"volume":0,
"saveFileLocally":"Yes"
}
```

JSON Response From API (<u>change inputs here</u> to see the result in real time below - the real response string is much longer than the displayed string):

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Response (Example) From API in case of ERROR:

```
{
"cd":1001,
"error":"The authorization header is either empty or isn't Basic."
}
```

#### Request Parameters Table

Parameter Name Parameter Description

**inputtext** This is the input typed plain text that will be converted to

audio for the selected language and voice. For each request there is a limit of 700 characters of input text. So, for example, if your input text is written in English you must choose an English voice, if your input text is written in

French you must choose a French voice and so on.

ssml The value for this parameter could be *Text* or *SSML*. If *SSML*,

the input text will be marked with SSML markup tags, if *Text* 

then the input text is just plain text.

voicename There are several voices for different languages, for

example *en-US-PREMIUM-C\_FEMALE* is a premium female voice named C for English American language or another example would be *en-US-Standard-D\_MALE* which is a Standard male voice named D for English American

language. A complete list of voices is given below, just click

here.

voicetype This parameter defines on which type of device will be the

voice heard. For example if the value of this parameter is

HeadPhones then the audio file will be best heared on head phones. A complete list of values is written here: Car

Audio System, HeadPhones, Home Audio System,

Interactive Voice Response (IVR), Small Home Speaker,

Smart Home Speaker, SmartPhone, SmartWatch. This

parameter is still in Beta, that means is possible to not hear

differences between devices.

**encoding** This parameter defines how the output audio file will be

encoded. The possible values are: *Linear16* which is an

uncompressed looseless format with .wav extension for the

We're Online!

otput audio file, *Mp3* which is a well known compressed

lossy format with .mp3 extension for the author for the

and *OggOpus* which is also a c

with .ogg extension for the outp

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speed This is the speed of pronouncing words in the output audio

file. Values must be within range of 0.3 to 4, normal value is

1.

pitch This is the pitch of pronouncing words, i.e. as higher as it is

so it will be the frequency. Values must be within range of

-20 to 20, normal value is 0.

**volume** This is the volume of the output audio file. Values must be

within range of -10 to 10, normal value is 0.

saveFilelocally This parameter can take *Yes* or *NO* value. If Yes then the

output audio file will be saved locally, otherwise only JSON

response string will be downloaded.

### Response Parameter Table

Parameter Name Parameter Description

base64AudioString This is the base64 encoded string which may be put as

source of an html5 audio control for example or decoded

in an audio file. You may see an example above.

audioFileURL This is the link to the cloud saved audio file which may be

downloaded locally.

### Response Error Codes Table

#### Parameter Name Parameter Description

This is the error code which may be:

- **1001**
- **1002**
- 1003
- **1004**
- **1005**
- **1006**
- **1007**
- **1008**
- **1009**
- **1010**
- **1011**
- 1012
- 1012
- **1013**
- **1**014
- 1015
- **1015**

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- 1016
- 2001

#### description

This is the description of the error code which may be:

- 1001 The authorization header is either empty or isn't Basic.
- 1002 Daily requests number exceeded in TRIAL mode!
- 1003 Trial expired!
- 1004 Characters number exceeded!
- 1005 Package expired!
- 1006 No invoice!
- 1007 Reader is NULL for TRIAL!
- 1008 Cannot Read if TRIAL exists!
- 1009 Error connecting to database looking for TRIAL! (and a detailed description message of the encountered error)
- 1010 Reader is NULL for Invoice!
- 1011 Cannot Read if Invoice exists!
- 1012 Error connecting to database! (and a detailed description message of the encountered error)
- 1013 Input request string too long! Maximum 700 characters per request are allowed
- 1014 Invalid request data! (and a detailed description message of the encountered error)
- 1015 Cannot initialize BLOB permissions for saving audio file! (and a detailed description message of the encountered error)
- 1016 Cannot create and save the audio file! (and a detailed description message of the encountered error)
- 2001 Invalid request data after passing to the API (and a detailed description message of the encountered error)

## Supported languages and voices

Language Code

ar-XA

Language Name Arabic (XA)

Vaina Name

\-PREMIUM-A\_FEMALE

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Gender **FEMALE** Language Code ar-XA Language Name Arabic (XA) Voice Name ar-XA-PREMIUM-B\_MALE Gender MALE Language Code ar-XA Language Name Arabic (XA) Voice Name ar-XA-PREMIUM-C\_MALE Gender MALE Language Code ar-XA Language Name Arabic (XA) Voice Name ar-XA-Standard-A\_FEMALE Gender **FEMALE** Language Code ar-XA Language Name Arabic (XA) Voice Name ar-XA-Standard-B\_MALE We're Online! ler

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Language Code ar-XA Language Name Arabic (XA) Voice Name ar-XA-Standard-C\_MALE Gender MALE Language Code cmn-CN Language Name Mandarin Chinese (CN) Voice Name cmn-CN-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code cmn-CN Language Name Mandarin Chinese (CN) Voice Name cmn-CN-PREMIUM-B\_MALE Gender MALE Language Code cmn-CN Language Name Mandarin Chinese (CN) Voice Name cmn-CN-PREMIUM-C\_MALE Gender MALE We're Online! uage Code



Language Name Mandarin Chinese (CN) Voice Name cmn-CN-PREMIUM-D\_FEMALE Gender **FEMALE** Language Code cmn-CN Language Name Mandarin Chinese (CN) Voice Name cmn-CN-Standard-A\_FEMALE Gender **FEMALE** Language Code cmn-CN Language Name Mandarin Chinese (CN) Voice Name cmn-CN-Standard-B\_MALE Gender MALE Language Code cmn-CN Language Name Mandarin Chinese (CN) Voice Name cmn-CN-Standard-C\_MALE Gender MALE Language Code cmn-CN We're Online! uage Name How may I help you toda...

Confidențialitate-Termeni drin Chinese (CN)

Voice Name cmn-CN-Standard-D\_FEMALE Gender **FEMALE** Language Code cs-CZ Language Name Czech (CZ) Voice Name cs-CZ-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code cs-CZ Language Name Czech (CZ) Voice Name cs-CZ-Standard-A\_FEMALE Gender **FEMALE** Language Code da-DK Language Name Danish (DK) Voice Name da-DK-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code da-DK Language Name Danish (DK)

Name

 ${\sf Confidentialitate\text{-}Termeni} \ \, \textbf{K-Standard-A\_FEMALE}$ 

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Gender **FEMALE** Language Code de-DE Language Name German (DE) Voice Name de-DE-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code de-DE Language Name German (DE) Voice Name de-DE-PREMIUM-B\_MALE Gender MALE Language Code de-DE Language Name German (DE) Voice Name de-DE-PREMIUM-C\_FEMALE Gender **FEMALE** Language Code de-DE Language Name German (DE) Voice Name de-DE-PREMIUM-D\_MALE We're Online! ler

Language Code de-DE Language Name German (DE) Voice Name de-DE-Standard-A\_FEMALE Gender **FEMALE** Language Code de-DE Language Name German (DE) Voice Name de-DE-Standard-B\_MALE Gender MALE Language Code el-GR Language Name Greek (GR) Voice Name el-GR-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code el-GR Language Name Greek (GR) Voice Name el-GR-Standard-A\_FEMALE Gender **FEMALE** We're Online! uage Code



Language Name English (AU) Voice Name en-AU-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code en-AU Language Name English (AU) Voice Name en-AU-PREMIUM-B\_MALE Gender MALE Language Code en-AU Language Name English (AU) Voice Name en-AU-PREMIUM-C\_FEMALE Gender **FEMALE** Language Code en-AU Language Name English (AU) Voice Name en-AU-PREMIUM-D\_MALE Gender MALE Language Code en-AU We're Online! uage Name How may I help you toda...

Confidențialitate - Termeni 3h (AU)

Voice Name en-AU-Standard-A\_FEMALE Gender **FEMALE** Language Code en-AU Language Name English (AU) Voice Name en-AU-Standard-B\_MALE Gender MALE Language Code en-AU Language Name English (AU) Voice Name en-AU-Standard-C\_FEMALE Gender **FEMALE** Language Code en-AU Language Name English (AU) Voice Name en-AU-Standard-D\_MALE Gender MALE Language Code en-GB Language Name English (GB)

Gender **FEMALE** Language Code en-GB Language Name English (GB) Voice Name en-GB-PREMIUM-B\_MALE Gender MALE Language Code en-GB Language Name English (GB) Voice Name en-GB-PREMIUM-C\_FEMALE Gender **FEMALE** Language Code en-GB Language Name English (GB) Voice Name en-GB-PREMIUM-D\_MALE Gender MALE Language Code en-GB Language Name English (GB) Voice Name en-GB-Standard-A\_FEMALE We're Online! How may I help you toda...

Confidențialitate - Termeni

Language Code en-GB Language Name English (GB) Voice Name en-GB-Standard-B\_MALE Gender MALE Language Code en-GB Language Name English (GB) Voice Name en-GB-Standard-C\_FEMALE Gender **FEMALE** Language Code en-GB Language Name English (GB) Voice Name en-GB-Standard-D\_MALE Gender MALE Language Code en-IN Language Name English (IN) Voice Name en-IN-PREMIUM-A\_FEMALE Gender **FEMALE** We're Online!



Language Name English (IN) Voice Name en-IN-PREMIUM-B\_MALE Gender MALE Language Code en-IN Language Name English (IN) Voice Name en-IN-PREMIUM-C\_MALE Gender MALE Language Code en-IN Language Name English (IN) Voice Name en-IN-Standard-A\_FEMALE Gender **FEMALE** Language Code en-IN Language Name English (IN) Voice Name en-IN-Standard-B\_MALE Gender MALE Language Code en-IN We're Online! uage Name

Confidențialitate - Termeni 3h (IN)

Voice Name en-IN-Standard-C\_MALE Gender MALE Language Code en-US Language Name English (US) Voice Name en-US-PREMIUM-A\_MALE Gender MALE Language Code en-US Language Name English (US) Voice Name en-US-PREMIUM-B\_MALE Gender MALE Language Code en-US Language Name English (US) Voice Name en-US-PREMIUM-C\_FEMALE Gender **FEMALE** Language Code en-US Language Name English (US)

Name

Confidențialitate - Termeni S-PREMIUM-D\_MALE

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Gender MALE Language Code en-US Language Name English (US) Voice Name en-US-PREMIUM-E\_FEMALE Gender **FEMALE** Language Code en-US Language Name English (US) Voice Name en-US-PREMIUM-F\_FEMALE Gender **FEMALE** Language Code en-US Language Name English (US) Voice Name en-US-Standard-B\_MALE Gender MALE Language Code en-US Language Name English (US) Voice Name en-US-Standard-C\_FEMALE We're Online! How may I help you toda...

Confidențialitate - Termeni

Language Code en-US Language Name English (US) Voice Name en-US-Standard-D\_MALE Gender MALE Language Code en-US Language Name English (US) Voice Name en-US-Standard-E\_FEMALE Gender **FEMALE** Language Code es-ES Language Name Spanish (ES) Voice Name es-ES-Standard-A\_FEMALE Gender **FEMALE** Language Code fi-FI Language Name Finnish (FI) Voice Name fi-FI-PREMIUM-A\_FEMALE Gender **FEMALE** We're Online! uage Code



Language Name Finnish (FI) Voice Name fi-FI-Standard-A\_FEMALE Gender **FEMALE** Language Code fil-PH Language Name Philippine (PH) Voice Name fil-PH-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code fil-PH Language Name Philippine (PH) Voice Name fil-PH-Standard-A\_FEMALE Gender **FEMALE** Language Code fr-CA Language Name French (CA) Voice Name fr-CA-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code fr-CA We're Online! uage Name How may I help you toda...

Confidențialitate - Termeni > h (CA)

Voice Name fr-CA-PREMIUM-B\_MALE Gender MALE Language Code fr-CA Language Name French (CA) Voice Name fr-CA-PREMIUM-C\_FEMALE Gender **FEMALE** Language Code fr-CA Language Name French (CA) Voice Name fr-CA-PREMIUM-D\_MALE Gender MALE Language Code fr-CA Language Name French (CA) Voice Name fr-CA-Standard-A\_FEMALE Gender **FEMALE** Language Code fr-CA Language Name French (CA)

Name

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Gender MALE Language Code fr-CA Language Name French (CA) Voice Name fr-CA-Standard-C\_FEMALE Gender **FEMALE** Language Code fr-CA Language Name French (CA) Voice Name fr-CA-Standard-D\_MALE Gender MALE Language Code fr-FR Language Name French (FR) Voice Name fr-FR-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code fr-FR Language Name French (FR) Voice Name fr-FR-PREMIUM-B\_MALE We're Online! ler



Language Code fr-FR Language Name French (FR) Voice Name fr-FR-PREMIUM-C\_FEMALE Gender **FEMALE** Language Code fr-FR Language Name French (FR) Voice Name fr-FR-PREMIUM-D\_MALE Gender MALE Language Code fr-FR Language Name French (FR) Voice Name fr-FR-PREMIUM-E\_FEMALE Gender **FEMALE** Language Code fr-FR Language Name French (FR) Voice Name fr-FR-Standard-A\_FEMALE Gender **FEMALE** We're Online! uage Code



Language Name French (FR) Voice Name fr-FR-Standard-B\_MALE Gender MALE Language Code fr-FR Language Name French (FR) Voice Name fr-FR-Standard-C\_FEMALE Gender **FEMALE** Language Code fr-FR Language Name French (FR) Voice Name fr-FR-Standard-D\_MALE Gender MALE Language Code fr-FR Language Name French (FR) Voice Name fr-FR-Standard-E\_FEMALE Gender **FEMALE** Language Code hi-IN We're Online! uage Name

Confidențialitate - Termeni (IN)

Voice Name hi-IN-PREMIUM-A_FEMALE	
Gender FEMALE	
Language Code hi-IN	
Language Name Hindi (IN)	
Voice Name hi-IN-PREMIUM-B_MALE	
Gender MALE	
Language Code hi-IN	
Language Name Hindi (IN)	
Voice Name hi-IN-PREMIUM-C_MALE	
Gender MALE	
Language Code hi-IN	
Language Name Hindi (IN)	
Voice Name hi-IN-Standard-A_FEMALE	
Gender FEMALE	
Language Code hi-IN	
Language Name Hindi (IN)	

Name

Gender MALE Language Code hi-IN Language Name Hindi (IN) Voice Name hi-IN-Standard-C\_MALE Gender MALE Language Code hu-HU Language Name Hungarian (HU) Voice Name hu-HU-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code hu-HU Language Name Hungarian (HU) Voice Name hu-HU-Standard-A\_FEMALE Gender **FEMALE** Language Code id-ID Language Name Indonesian (ID) Voice Name id-ID-PREMIUM-A\_FEMALE We're Online! How may I help you toda...

Confidențialitate - Termeni

Language Code id-ID Language Name Indonesian (ID) Voice Name id-ID-PREMIUM-B\_MALE Gender MALE Language Code id-ID Language Name Indonesian (ID) Voice Name id-ID-PREMIUM-C\_MALE Gender MALE Language Code id-ID Language Name Indonesian (ID) Voice Name id-ID-Standard-A\_FEMALE Gender **FEMALE** Language Code id-ID Language Name Indonesian (ID) Voice Name id-ID-Standard-B\_MALE Gender MALE We're Online! uage Code



Language Name Indonesian (ID) Voice Name  $id\text{-}ID\text{-}Standard\text{-}C\_MALE$ Gender MALE Language Code it-IT Language Name Italian (IT) Voice Name it-IT-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code it-IT Language Name Italian (IT) Voice Name it-IT-PREMIUM-B\_FEMALE Gender **FEMALE** Language Code it-IT Language Name Italian (IT) Voice Name it-IT-PREMIUM-C\_MALE Gender MALE Language Code it-IT We're Online! uage Name

Confidențialitate - Termeni n (IT)

Voice Name it-IT-PREMIUM-D\_MALE Gender MALE Language Code it-IT Language Name Italian (IT) Voice Name it-IT-Standard-A\_FEMALE Gender **FEMALE** Language Code it-IT Language Name Italian (IT) Voice Name it-IT-Standard-B\_FEMALE Gender **FEMALE** Language Code it-IT Language Name Italian (IT) Voice Name it-IT-Standard-C\_MALE Gender MALE Language Code it-IT Language Name Italian (IT)

Name

Confidențialitate - Termeni Standard - D\_MALE

We're Online!

Gender MALE Language Code ja-JP Language Name Japanese (JP) Voice Name ja-JP-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code ja-JP Language Name Japanese (JP) Voice Name ja-JP-PREMIUM-B\_FEMALE Gender **FEMALE** Language Code ja-JP Language Name Japanese (JP) Voice Name ja-JP-PREMIUM-C\_MALE Gender MALE Language Code ja-JP Language Name Japanese (JP) Voice Name ja-JP-PREMIUM-D\_MALE We're Online! ler



Language Code ja-JP Language Name Japanese (JP) Voice Name ja-JP-Standard-A\_FEMALE Gender **FEMALE** Language Code ja-JP Language Name Japanese (JP) Voice Name ja-JP-Standard-B\_FEMALE Gender **FEMALE** Language Code ja-JP Language Name Japanese (JP) Voice Name ja-JP-Standard-C\_MALE Gender MALE Language Code ja-JP Language Name Japanese (JP) Voice Name ja-JP-Standard-D\_MALE Gender MALE We're Online! uage Code

Confidențialitate - Termeni

Language Name Korean (KR) Voice Name ko-KR-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code ko-KR Language Name Korean (KR) Voice Name ko-KR-PREMIUM-B\_FEMALE Gender **FEMALE** Language Code ko-KR Language Name Korean (KR) Voice Name ko-KR-PREMIUM-C\_MALE Gender MALE Language Code ko-KR Language Name Korean (KR) Voice Name ko-KR-PREMIUM-D\_MALE Gender MALE Language Code ko-KR We're Online! uage Name

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Voice Name ko-KR-Standard-A_FEMALE		
Gender FEMALE		
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Language Code ko-KR		
Language Name		
Korean (KR)		
Voice Name		
ko-KR-Standard-B_FEMALE		
Gender		
FEMALE		
Law was Oods		
Language Code ko-KR		
Language Name		
Korean (KR)		
Voice Name		
ko-KR-Standard-C_MALE		
Gender		
MALE		
Language Code		
ko-KR		
Lenguage Manag		
Language Name Korean (KR)		
KOIEGIT(KR)		
Voice Name		
ko-KR-Standard-D_MALE		
Gender		
MALE		
Language Code		
nb-NO		
Language Name		٨
Norwegian (NO)		
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Name	We're Online!	

Gender **FEMALE** Language Code nb-NO Language Name Norwegian (NO) Voice Name nb-NO-PREMIUM-B\_MALE Gender MALE Language Code nb-NO Language Name Norwegian (NO) Voice Name  $nb\hbox{-}NO\hbox{-}PREMIUM\hbox{-}C\_FEMALE$ Gender **FEMALE** Language Code nb-NO Language Name Norwegian (NO) Voice Name nb-NO-PREMIUM-D\_MALE Gender MALE Language Code nb-NO Language Name Norwegian (NO) Voice Name nb-no-PREMIUM-E\_FEMALE We're Online! How may I help you toda...

Confidențialitate - Termeni

Language Code nb-NO Language Name Norwegian (NO) Voice Name nb-NO-Standard-A\_FEMALE Gender **FEMALE** Language Code nb-NO Language Name Norwegian (NO) Voice Name nb-NO-Standard-B\_MALE Gender MALE Language Code nb-NO Language Name Norwegian (NO) Voice Name nb-NO-Standard-C\_FEMALE Gender **FEMALE** Language Code nb-NO Language Name Norwegian (NO) Voice Name nb-NO-Standard-D\_MALE Gender MALE We're Online! uage Code



Language Name Norwegian (NO) Voice Name nb-no-Standard-E\_FEMALE Gender **FEMALE** Language Code nl-NL Language Name Dutch (NL) Voice Name nl-NL-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code nl-NL Language Name Dutch (NL) Voice Name nl-NL-PREMIUM-B\_MALE Gender MALE Language Code nl-NL Language Name Dutch (NL) Voice Name nl-NL-PREMIUM-C\_MALE Gender MALE Language Code nl-NL We're Online! uage Name How may I help you toda...

Confidențialitate - Termeni

Voice Name nl-NL-PREMIUM-D\_FEMALE Gender **FEMALE** Language Code nl-NL Language Name Dutch (NL) Voice Name nl-NL-PREMIUM-E\_FEMALE Gender **FEMALE** Language Code nl-NL Language Name Dutch (NL) Voice Name nl-NL-Standard-A\_FEMALE Gender **FEMALE** Language Code nl-NL Language Name Dutch (NL) Voice Name nl-NL-Standard-B\_MALE Gender MALE Language Code nl-NL Language Name Dutch (NL)

Name

Gender MALE Language Code nl-NL Language Name Dutch (NL) Voice Name nl-NL-Standard-D\_FEMALE Gender **FEMALE** Language Code nl-NL Language Name Dutch (NL) Voice Name nl-NL-Standard-E\_FEMALE Gender **FEMALE** Language Code pl-PL Language Name Polish (PL) Voice Name pl-PL-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code pl-PL Language Name Polish (PL) Voice Name pl-PL-PREMIUM-B\_MALE We're Online! ler



Language Code pl-PL Language Name Polish (PL) Voice Name pl-PL-PREMIUM-C\_MALE Gender MALE Language Code pl-PL Language Name Polish (PL) Voice Name pl-PL-PREMIUM-D\_FEMALE Gender **FEMALE** Language Code pl-PL Language Name Polish (PL) Voice Name pl-PL-PREMIUM-E\_FEMALE Gender **FEMALE** Language Code pl-PL Language Name Polish (PL) Voice Name pl-PL-Standard-A\_FEMALE Gender **FEMALE** We're Online!



Language Name Polish (PL) Voice Name pl-PL-Standard-B\_MALE Gender MALE Language Code pl-PL Language Name Polish (PL) Voice Name pl-PL-Standard-C\_MALE Gender MALE Language Code pl-PL Language Name Polish (PL) Voice Name pl-PL-Standard-D\_FEMALE Gender **FEMALE** Language Code pl-PL Language Name Polish (PL) Voice Name pl-PL-Standard-E\_FEMALE Gender **FEMALE** Language Code pt-BR We're Online! uage Name

Confidențialitate-Termeni guese (BR)

Voice Name pt-BR-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code pt-BR Language Name Portuguese (BR) Voice Name pt-BR-Standard-A\_FEMALE Gender **FEMALE** Language Code pt-PT Language Name Portuguese (PT) Voice Name pt-PT-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code pt-PT Language Name Portuguese (PT) Voice Name pt-PT-PREMIUM-B\_MALE Gender MALE Language Code pt-PT Language Name Portuguese (PT)

Gender MALE Language Code pt-PT Language Name Portuguese (PT) Voice Name pt-PT-PREMIUM-D\_FEMALE Gender **FEMALE** Language Code pt-PT Language Name Portuguese (PT) Voice Name pt-PT-Standard-A\_FEMALE Gender **FEMALE** Language Code pt-PT Language Name Portuguese (PT) Voice Name pt-PT-Standard-B\_MALE Gender MALE Language Code pt-PT Language Name Portuguese (PT) Voice Name pt-PT-Standard-C\_MALE We're Online! ler



Language Code pt-PT Language Name Portuguese (PT) Voice Name pt-PT-Standard-D\_FEMALE Gender **FEMALE** Language Code ru-RU Language Name Russian (RU) Voice Name ru-RU-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code ru-RU Language Name Russian (RU) Voice Name ru-RU-PREMIUM-B\_MALE Gender MALE Language Code ru-RU Language Name Russian (RU) Voice Name ru-RU-PREMIUM-C\_FEMALE Gender **FEMALE** We're Online! uage Code



Language Name Russian (RU) Voice Name ru-RU-PREMIUM-D\_MALE Gender MALE Language Code ru-RU Language Name Russian (RU) Voice Name ru-RU-PREMIUM-E\_FEMALE Gender **FEMALE** Language Code ru-RU Language Name Russian (RU) Voice Name ru-RU-Standard-A\_FEMALE Gender **FEMALE** Language Code ru-RU Language Name Russian (RU) Voice Name ru-RU-Standard-B\_MALE Gender MALE Language Code ru-RU We're Online! uage Name

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How may I help you toda...

Voice Name ru-RU-Standard-C\_FEMALE Gender **FEMALE** Language Code ru-RU Language Name Russian (RU) Voice Name ru-RU-Standard-D\_MALE Gender MALE Language Code ru-RU Language Name Russian (RU) Voice Name ru-RU-Standard-E\_FEMALE Gender **FEMALE** Language Code sk-SK Language Name Slovak (SK) Voice Name sk-SK-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code sk-SK Language Name Slovak (SK)

Gender **FEMALE** Language Code sv-SE Language Name Swedish (SE) Voice Name sv-SE-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code sv-SE Language Name Swedish (SE) Voice Name sv-SE-Standard-A\_FEMALE Gender **FEMALE** Language Code tr-TR Language Name Turkish (TR) Voice Name tr-TR-PREMIUM-A\_FEMALE Gender **FEMALE** Language Code tr-TR Language Name Turkish (TR) Voice Name tr-TR-PREMIUM-B\_MALE We're Online! ler



Language Code tr-TR Language Name Turkish (TR) Voice Name tr-TR-PREMIUM-C\_FEMALE Gender **FEMALE** Language Code tr-TR Language Name Turkish (TR) Voice Name tr-TR-PREMIUM-D\_FEMALE Gender **FEMALE** Language Code tr-TR Language Name Turkish (TR) Voice Name tr-TR-PREMIUM-E\_MALE Gender MALE Language Code tr-TR Language Name Turkish (TR) Voice Name tr-TR-Standard-A\_FEMALE Gender **FEMALE** We're Online! uage Code



Language Name Turkish (TR) Voice Name tr-TR-Standard-B\_MALE Gender MALE Language Code tr-TR Language Name Turkish (TR) Voice Name tr-TR-Standard-C\_FEMALE Gender **FEMALE** Language Code tr-TR Language Name Turkish (TR) Voice Name tr-TR-Standard-D\_FEMALE Gender **FEMALE** Language Code tr-TR Language Name Turkish (TR) Voice Name tr-TR-Standard-E\_MALE Gender MALE Language Code uk-UA We're Online! uage Name

Confidențialitate - Termeni nian (UA)

How may I help you toda...

Voice Name uk-UA-PREMIUM-A_FEMALE	
Gender FEMALE	
Language Code	
uk-UA	
Language Name Ukrainian (UA)	
Voice Name uk-UA-Standard-A_FEMALE	
Gender FEMALE	
Language Code vi-VN	
Language Name Vietnamese (VN)	
Voice Name vi-VN-PREMIUM-A_FEMALE	
Gender FEMALE	
Language Code vi-VN	
Language Name Vietnamese (VN)	
Voice Name vi-VN-PREMIUM-B_MALE	
Gender MALE	
Language Code vi-VN	
Language Name	
Vietnamese (VN)	

Name

Gender **FEMALE** Language Code vi-VN Language Name Vietnamese (VN) Voice Name vi-VN-PREMIUM-D\_MALE Gender MALE Language Code vi-VN Language Name Vietnamese (VN) Voice Name vi-VN-Standard-A\_FEMALE Gender **FEMALE** Language Code vi-VN Language Name Vietnamese (VN) Voice Name vi-VN-Standard-B\_MALE Gender MALE Language Code vi-VN Language Name Vietnamese (VN) Voice Name vi-VN-Standard-C\_FEMALE We're Online! How may I help you toda...

Confidențialitate - Termeni

Language Code
vi-VN

Language Name
Vietnamese (VN)

Voice Name
vi-VN-Standard-D\_MALE

Gender
MALE

#### Speech Synthesis Markup Language (SSML) - Examples

Speech Synthesis Markup Language (SSML) is a very simple to understand language similar with HTML, containing HTML like tags with specific meaning in order to rich the experience of pronouncing words, phrases, numbers, dates etc. and making the audio to sound more human like, more natural. Our Text To Speech translator API – ClodPronouncer may be used with SSML, so below are written some simple examples of using SSML language. Of course you may construct more complex SSML text according to your needs. A more complex and detailed approach of SSML language you can find here at W3C.

<speak> is the first tag to begin any ssml markup text and also it has the corresponding closing tag </speak> chreak> means a pause with some optional parameters like time in seconds or miliseconds and strength which may be weak, medium, strong, x-strong

```
<speak>
  We need to take a pause after the sentence.<break time="2s"/>
  Now we are talking again.
  And also another pause. <break strength="medium"/>
  Finally done.
  </speak>
```

0:00 / 0:09

<say-as> means a pronounciation in a certain way as interpret-as attribute is set. Its closing tag is </say-as> Below we set the number 153 as cardinal so one hundred and fifty three.

```
<speak>
     <say-as interpret-as="cardinal">153</say-as>
     </speak>
```

0:00 / 0:01

Below we set the number 48 as ordinal so fourty eighth

```
peak>
<say-as interpret-as="ordinal">48</say-as>
speak>
```



Below we set the interpret-as attribute as characters, so it will spell each character of the word write.

```
<speak>
    <say-as interpret-as="characters">write</say-as>
    </speak>
```

0:00 / 0:01

Below we set the interpret-as attribute as fraction, so it will spell seven and a half.

```
<speak>
     <say-as interpret-as="fraction">7+1/2</say-as>
     </speak>
```

0:00 / 0:01

Below we set the interpret-as attribute as expletive so all the words will be censored by a beep.

```
<speak>
     <say-as interpret-as="expletive">these words are banned</say-as>
     </speak>
```

0:00 / 0:01

Below we set the *interpret-as* attribute as unit, so it means unit of measure and even if we wrote at singular it will spell correctly i.e. *twelve feets*.

0:00 / 0:01

Below we set the *interpret-as* attribute as verbatim, similar with characters, so it will spell each character of the word *plrder*.

```
<speak>
     <say-as interpret-as="verbatim">plrder</say-as>
     </speak>
```

0:00 / 0:01

Below we set the *interpret-as* attribute as *date* wth specific *format* (ddmmyyyy - day, month, year) and *detail*. Detail may be 1 (day and month or year are required) or 2 (day, month and year are required).



```
</say-as>
</speak>
```

0:00 / 0:02

Below we set the interpret-as attribute as date wth specific format (md - month, day) and detail.

```
<speak>
    <say-as interpret-as="date" format="md">10-29</say-as>
    </speak>
```

0:00 / 0:01

Below we set the *interpret-as* attribute as *date* wth specific *format* (dmy - day, month, year) and *detail.* Detail may be 1 (day and month or year are required) or 2 (day, month and year are required).

```
<speak>
    <say-as interpret-as="date" format="dmy" detail="2">
      20-11-1962
      </say-as>
    </speak>
```

0:00 / 0:02

Below we set the interpret-as attribute as time wth specific format (hms12 - 12 hours format, hour, minute, second).

```
<speak>
     <say-as interpret-as="time" format="hms12">7:30pm</say-as>
     </speak>
```

0:00 / 0:01

means a paragraph and it has its corresponding closing tag . <s> means a sentence and it also has its corresponding tag </s>.

```
<speak>
  <<s>This word is unknown.</s>
    <s>This is an important sentence.
</speak>
```

0:00 / 0:03

<sub> is useful for defining aliases which means that the text will be pronounced as defined in *alias* attribute. It ' \(\) its closing tag </sub> Below, the acronyme *ONU* is pronounced as *United Nations Organization*.

```
<speak>
     <sub alias="United Nations Organization">ONU</sub>
speak>
```



<sub> is useful for defining aliases which means that the text will be pronounced as defined in *alias* attribute. It has its closing tag </sub> Below we have an example of some difficult to pronounce words (calcium carbonate) so they are pronounced more simple as *chalk*.

```
<speak>
    <sub alias="chalk">calcium carbonate</sub>
</speak>
```

0:00 / 0:00

<prosody> element will define together with its attributes how the words will be pronounced and it has its closing tag prosody>. The attribute rate may be slow, medium, high and the attribute pitch is expressed in semitones which may be pozitive or negative values. Below is an example with voice lowered with 2 semitones than normal.

```
<speak>
  cprosody rate="slow" pitch="-2st">May I help you?
```

0:00 / 0:01

<emphasis> is a similar element with prosody> but it has only level attribute which may be strong, moderate, none, reduced. It has ist closing tag

```
<speak>
    <emphasis level="moderate">I'm very happy to do this</emphasis>
    </speak>
```

0:00 / 0:01

# Source Code Examples for Using Our Text To Speech API VB.NET VBA C# PHP JAVA Android iOS Python Ruby Node.js Copy To Clipboard

```
Imports System.IO
Imports System.Net
Imports System.Web.Script.Serialization

Public Class text_to_speech_api
Inherits System.Web.UI.Page
c Structure RequestFields
Dim inputtext As String
Dim ssml As String
Dim voicename As String
Dim voicetype As String
```



```
DIM CHOOTING AS SCITING
         Dim speed As Single
         Dim pitch As Single
         Dim volume As Single
         Dim saveFileLocally As String
    End Structure
    Public Structure ResponseField
         Dim base64AudioString As String
         Dim audioFileURL As String
    End Structure
    Public Structure ErrorFields
         Dim cd As String
         Dim description As String
    End Structure
Protected Sub SendRequest()
         Dim Client As WebClient = New WebClient()
         Dim credentials As String = Convert.ToBase64String(Encoding.ASCII.GetBytes("your_username:your_pas
         Client.Headers(HttpRequestHeader.Authorization) = String.Format("Basic {0}", credentials)
Client.Headers(HttpRequestHeader.Accept) = "application/json"
Client.Headers(HttpRequestHeader.ContentType) = "application/json"
         Client.BaseAddress = "https://www.de-vis-software.ro/tts.aspx"
         Dim j As RequestFields = New RequestFields()
         j.inputtext = "Hello World!"
         j.ssml="Text"
         j.voicename = "en-US-PREMIUM-C_FEMALE"
         j.voicetype = "HeadPhones'
         j.encoding = "Mp3"
         j.speed = 1
         j.pitch = 0
         j.volume = 0
         j.saveFileLocally = "Yes"
              Dim js As String = (New JavaScriptSerializer()).Serialize(j)
              Dim reqString As Byte() = Encoding.[Default].GetBytes(js)
              Dim url As Uri = New Uri(Client.BaseAddress)
              Dim resByte As Byte() = Client.UploadData(url, "post", reqString)
             'The resString below is your needed JSON output

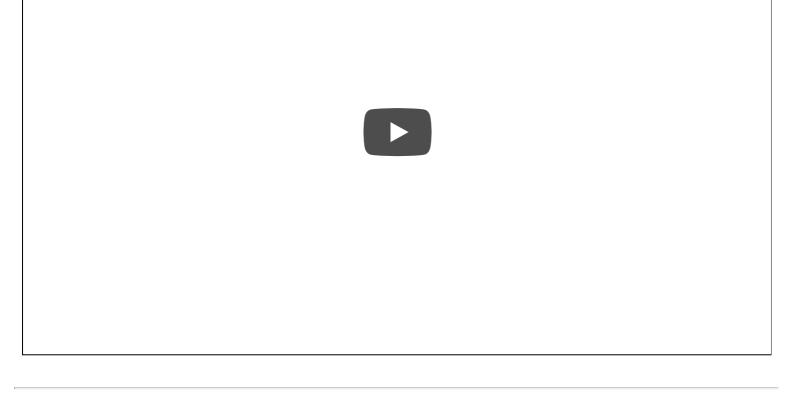
'similar with {"base64AudioString":"//NETgDffgjjskkj===...HgYtyfFFFTTTFVVVV"}

Dim resString As String = Encoding.[Default].GetString(resByte)
              If Instr(resString, "base64AudioString") >0 Then 'In case we got it right without errors
                 Dim r as ResponseField = New ResponseField()
                 Dim j1 As JavaScriptSerializer = New JavaScriptSerializer()
                 'Below we find in r.base64AudioString the string value base64 encoded which may be
                 'used as source for html5 Audio control for example and play the file.
                 r = j1.Deserialize(Of ResponseField)(resString)
              Else 'So in case of error occurence
                 Dim e as ErrorFields = New ErrorFields()
                 Dim j2 As JavaScriptSerializer = New JavaScriptSerializer()
                 'Below we find in e.cd (error code) and e.description (error description)
                 e = j1.Deserialize(Of ErrorFields)(resString)
              End If
              Client.Dispose()
         Catch exception As System.Exception
             Dim ex As System.Exception = exception
Console.Writeline("ERROR: " & ex.Message)
         End Try
    End Sub
End Class
```

#### TTS Online Video Presentation

Text to speech online, CloudPronouncer, is in the video presentation below. Our text to speech reader or text to speech voices is a text to speech translator or tts or you may call it tts demo, text to voice converter. This tts online is for users and developers, so talk to speech, type to speech online, word to speech are just another various tags to name it. Tts generator or text to audio converter are both used in online searches. We do not neglect text to audio app, type to speech app or tts voices that also appeared for a number of searches. We intend to optimize for text to voice generator, text and speech and text to audio online. In fact text and speech text to voice app, text to speech engine complete the number of the words to be looked for.





## **Pricing Packages**

Please choose one of the below pricing packages for start using our Text To Speech API and online APP!

## Start TRIAL No catches

- 7 days TRIAL
- Use our cloud REST API and online APP
- Maximum 700 characters per each request
- Maximum 50 requests per DAY in trial period
- You do NOT own the commercial copyright of the resulted audio file(s) in trial period.
- Get audio file uncompressed as Linear16 format (.wav)
- Or get audio file compressed as .mp3 or .ogg file
- Get base64 encoded string of audio file which can be source of audio control in HTML5
- 193 male and female voices Standard and Premium (more natural) in 32 languages including regional accents
- Administration console
- Support through online chat and/or tickets
- We do NOT allow spam accounts for TRIAL

Try it Now!







- 80 USD per month
- Use our cloud REST API and online APP
- Maximum 700 characters per each request(\*)
- Maximum 50 requests per MINUTE
- You own the commercial copyright of the resulted audio file(s) with NO additional fee.
- Maximum 1.000.000 input characters per MONTH
- Get audio file uncompressed as Linear16 format (.wav)
- Or get audio file compressed as .mp3 or .ogg file
- Get base64 encoded string of audio file which can be source of audio control in HTML5
- 193 male and female voices Standard and Premium (more natural) in 32 languages including regional accents
- Administration console
- Support through online chat and/or tickets

80 USD - Buy Now!

### **Yearly TIER** (15% Discount)

- 816 USD per year
- Use our cloud REST API and online APP
- Maximum 700 characters per each request(\*)
- Maximum 50 requests per MINUTE
- You own the commercial copyright of the resulted audio file(s) with NO additional fee.
- Maximum 1.000.000 input characters per MONTH
- Get audio file uncompressed as Linear16 format (.wav)
- Or get audio file compressed as .mp3 or .ogg file
- Get base64 encoded string of audio file which can be source of audio control in HTML5
- 193 male and female voices Standard and Premium (more natural) in 32 languages including regional accents
- Administration console
- Support through online chat and/or tickets

816 USD - Buy Now!

Note: VAT rate may be added or not, function to your country and/or if you are a taxable person or company.

> We're Online! How may I help you toda...

\* If want to get more characters input per request please contact us through our chat w to get a personalized offer!





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