

# **Text To Speech**

## **Product Introduction**

### **Product Documentation**



## Copyright Notice

©2013-2024 Tencent Cloud. All rights reserved.

Copyright in this document is exclusively owned by Tencent Cloud. You must not reproduce, modify, copy or distribute in any way, in whole or in part, the contents of this document without Tencent Cloud's the prior written consent.

## Trademark Notice

 Tencent Cloud

All trademarks associated with Tencent Cloud and its services are owned by Tencent Cloud Computing (Beijing) Company Limited and its affiliated companies. Trademarks of third parties referred to in this document are owned by their respective proprietors.

## Service Statement

This document is intended to provide users with general information about Tencent Cloud's products and services only and does not form part of Tencent Cloud's terms and conditions. Tencent Cloud's products or services are subject to change. Specific products and services and the standards applicable to them are exclusively provided for in Tencent Cloud's applicable terms and conditions.

# Product Introduction

Last updated : 2023-04-24 17:36:02

Tencent Cloud Text To Speech (TTS) turns text into natural-sounding speech in multiple voices and different languages. It supports the [Speech Synthesis Markup Language \(SSML\)](#) and allows you to adjust the volume and speech rate so you can customize speech for many use cases. TTS can be widely used in smart customer service, audiobook production, and news broadcasting to provide a closed loop human-machine interaction experience and increase the development efficiency of your voice applications.

## Features

### Various voice types

TTS currently supports 53 types of male and female voices, well meeting the needs of diverse use cases such as audiobook, customer service, navigation, and notification.

### Supported languages

TTS supports speech synthesis in Chinese, English and Chinese-English mix.

### Parameter configuration

TTS allows you to configure the volume, speech rate (0.6X to 1.5X), and sample rate (8 kHz or 16 kHz for apps and phone lines).

## Strengths

### Highly lifelike speech

TTS is built on industry-leading technologies that can quickly create highly natural-sounding, realistic speech for many different scenarios. It enables your devices and applications to talk to users and deliver more lifelike interaction.

### Flexible settings

- TTS supports speech synthesis in Chinese, English, and Chinese-English mix.
- It allows you to select volume, speech rate, and other attributes for your specific business needs.
- It can generate speeches in basic audio files and live audio streams.
- It supports phone call, app, and other scenarios for your choice.

### Diverse voices

TTS offers many male and female voice options for diverse use cases, such as customer service, audiobook, and message broadcasting.

## Use Cases

### **Bot speech**

TTS works with speech recognition and natural language processing modules to close the loop of human-machine interaction in customer service bot and task service robot use cases. The highly natural bot voices make human-machine interaction more natural.

### **Audiobook production**

Electronic courseware, novels, and other types of text can be imported to the offline TTS engine to create audiobooks that can be listened to at any time.

### **Voice broadcasting**

In voice navigation and news apps, TTS can quickly generate high-quality broadcast speeches, making it easier for users on the go to get information through audio.