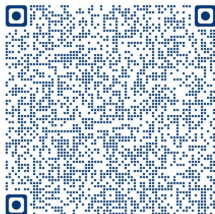# Where do I find the voices? Free "Text-to-Speech" online recording

Bob Gettings
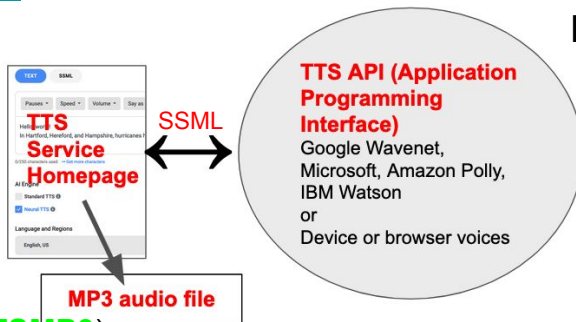*Hokusei Gakuen University, Sapporo*

How it works:
- On the TTS Service homepage, user pastes text and chooses voice, speed, etc.
- Homepage sends SSML request to the TTS API
- API processes request and returns an audio file
- Free versions are restricted but …

What you can do with a TTS web service
- Paste text online, create a voiceover and download the mp3 audio file
- Produce recordings with "speakers" with different ages, genders and regional accents
- Use Speech Synthesis Markup Language (SSML) script to add pauses, emphasis, speed, etc
- Produce dialogues with multiple voices (**TTSMP3**)

SSML

TTS API (Application Programming Interface)
Google Wavenet, Microsoft, Amazon Polly, IBM Watson
or
Device or browser voices

MP3 audio file

Publishing audio:
- YouTube as video, LMS (Moodle), Google Drive & Slides, etc.
- Any server that you can upload mp3 files to
- Use a service that integrates TTS into it's educational tools like Poodll or ZenGengo

"TTS services to check out"

🔊 **VoiceMaker** site   🔊 **FREETTS** site
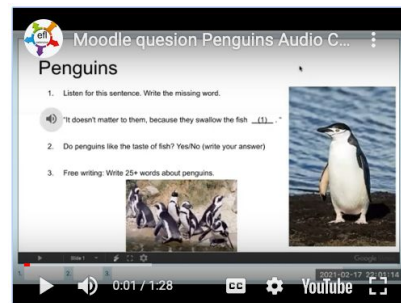
🔊 **TTSMP3** site   🔊 **TTS Free** site
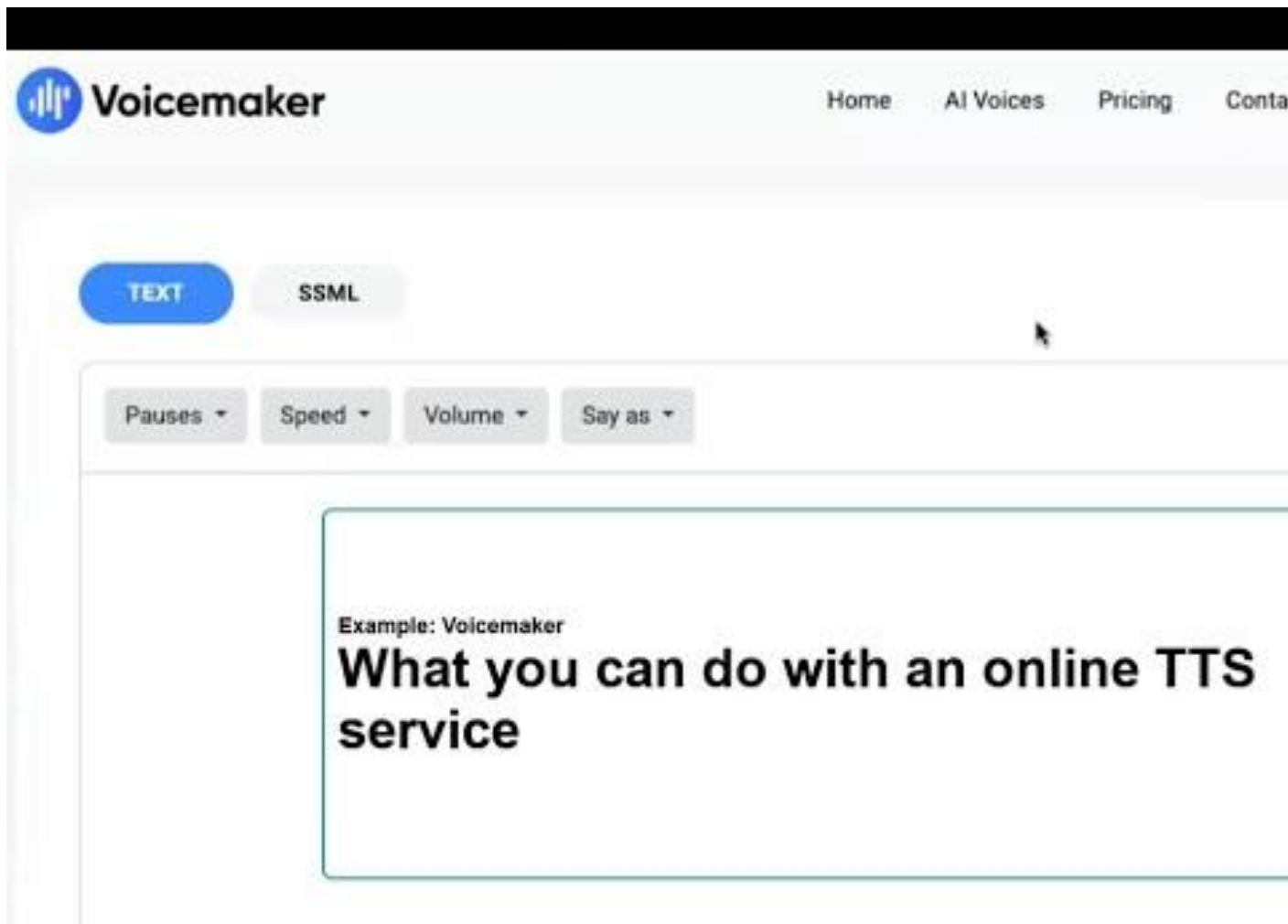
🔊 **Text to Speech** site

Wikipedia, Google & Moodle
- Text & picture from Wikipedia (Simple English)
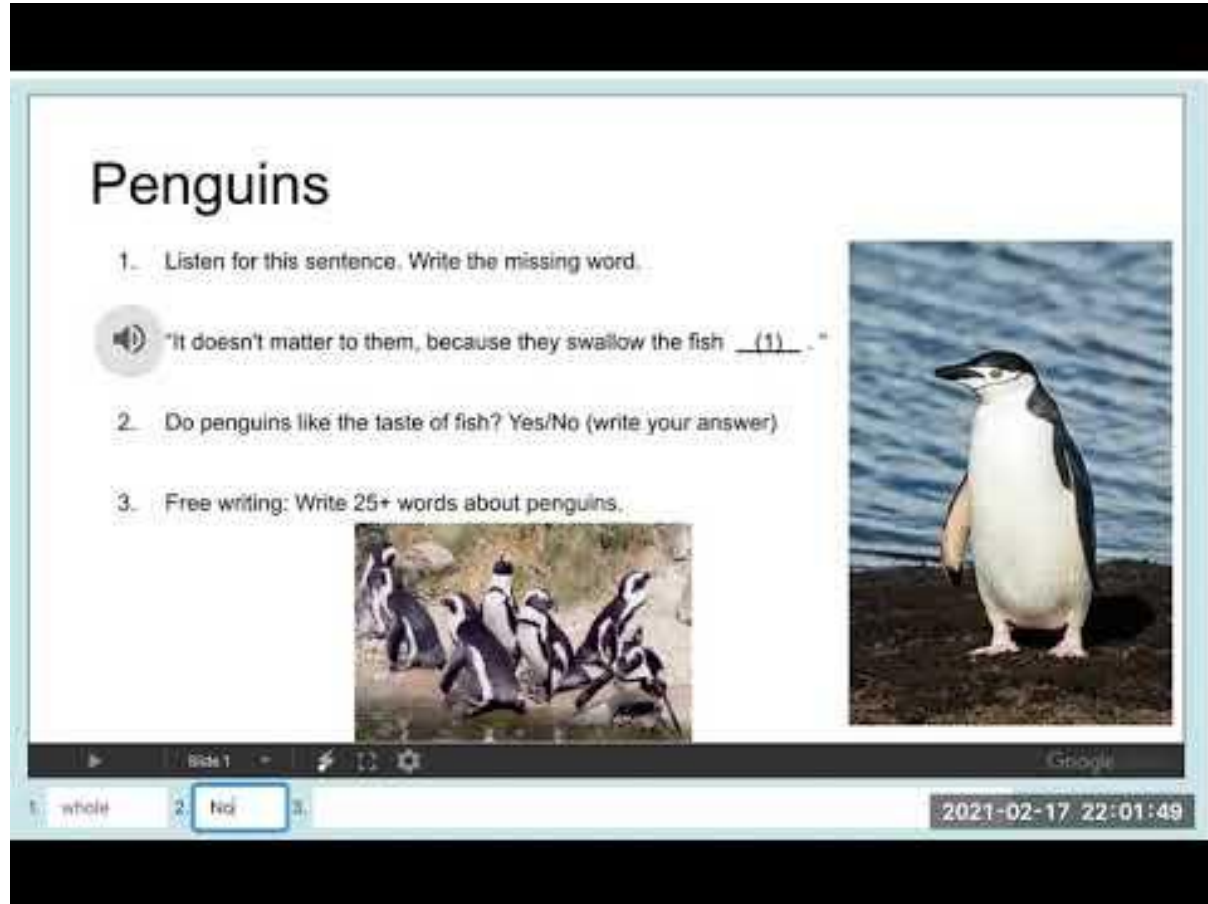- Audio: VoiceMaker
- Published as Google Slide
- Quiz: Moodle

Example: Voicemaker

What you can do with an online TTS service

Publishing audio with Wikipedia, Google & Moodle

- Text & picture from Wikipedia (Simple English)
- Audio: VoiceMaker
- Published as Google Slide
- Quiz: Moodle

Example TTSMP3:

Speech Synthesis Markup Language (SSML) & Dialogues

What if the free version is not enough?

Some TTS services to check out

Company	price/free	quality	service	url	Comments
VoiceMaker	Free -500 char - unlimited recordings	good		https://voicemaker.in/	good controls & control
TTSMP3	free 3000 char/day	mid	AWS Polly	https://ttsmp3.com/	Can buy more char / day or year **Dialogues!!**
TTS Free.com	Free - no SSML - 50 conversions at 500 char each	good		https://ttsfree.com	SSML from $50/year
Free TTS	free 6000 char/week	mid	Google	https://freetts.com/	Can buy more char / day, week etc.
Text to Speech	free / doesn't seem to be a limit	robotic	Microsoft's SpeechSynthe sizer API or MS "desktop"	https://texttospeech.freebu sinessapps.net/en/text-to-s peech	low quality but unlimited?