

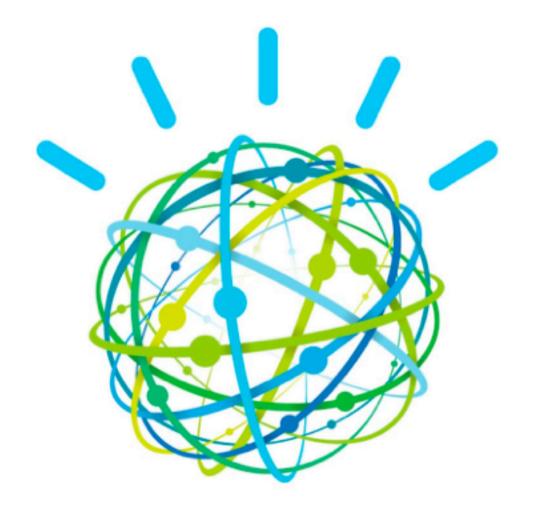
There are more api, but in the web environment you can use a real-time api

Three API were analyzed.

Korean Language

Speech Recognition API





BM Watson™



Google Cloud Platform



Powered by Machine Learning

Apply the most advanced deep learning neural network algorithms to your user's audio for speech recognition with unparalleled accuracy. Speech API **accuracy improves over time** as Google improves the internal speech recognition technology used by Google products.

Over 110 Languages

Speech API **recognizes** over 110 languages and variants to support your global user base. You can also **filter inappropriate content** in text results.

Return Text Results in Real-Time

Speech API can **stream text results**, returning partial recognition results as they become available, with the recognized text appearing immediately while speaking. Alternatively, Speech API can return recognized text from audio stored in a file.

Accurate in Noisy Environments

You don't need advanced signal processing or noise cancellation before sending audio to Speech API. The service can successfully **handle noisy audio** from a variety of environments.





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