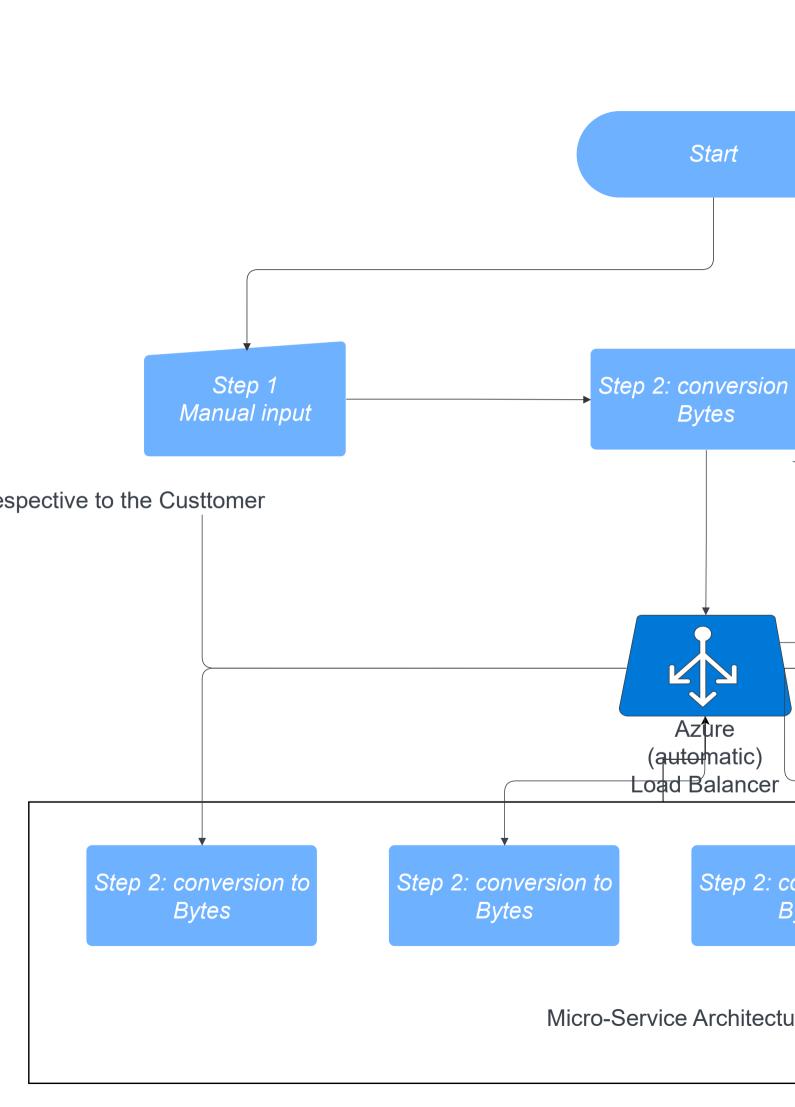
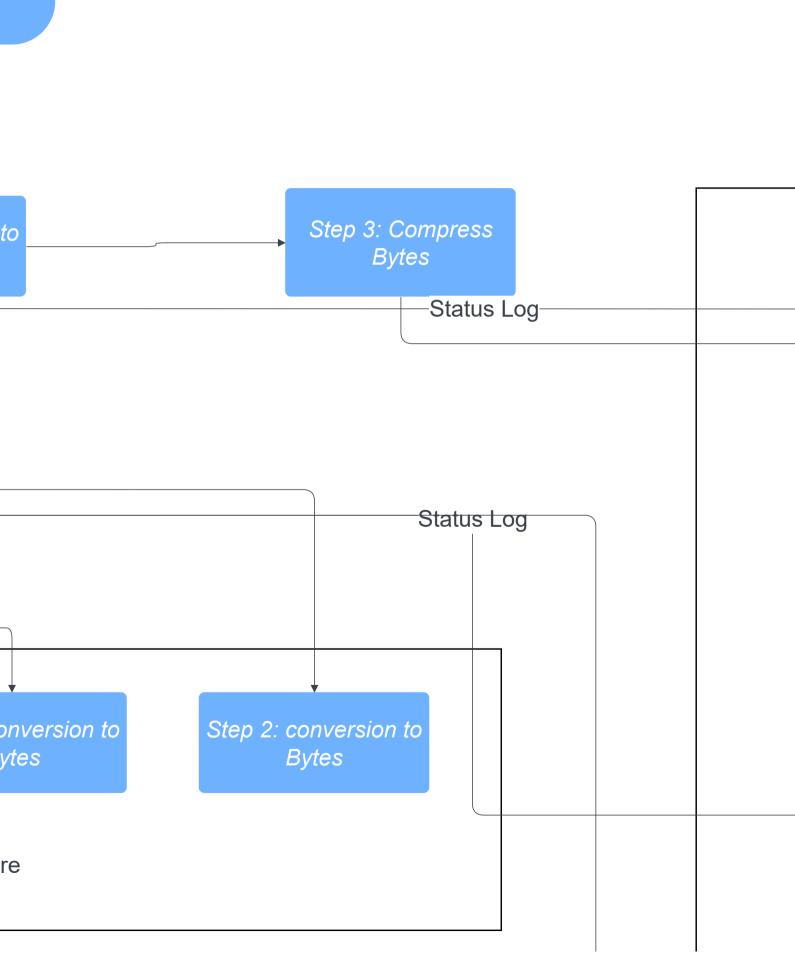
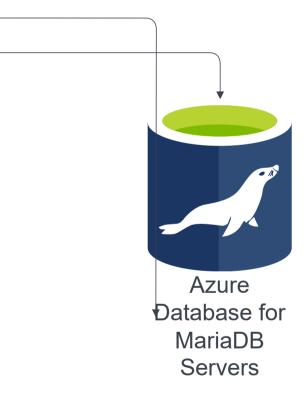


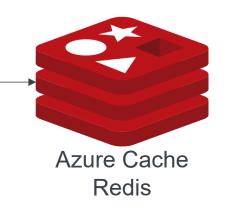
Cloud Storage Store Audios Re Storage (Azure)

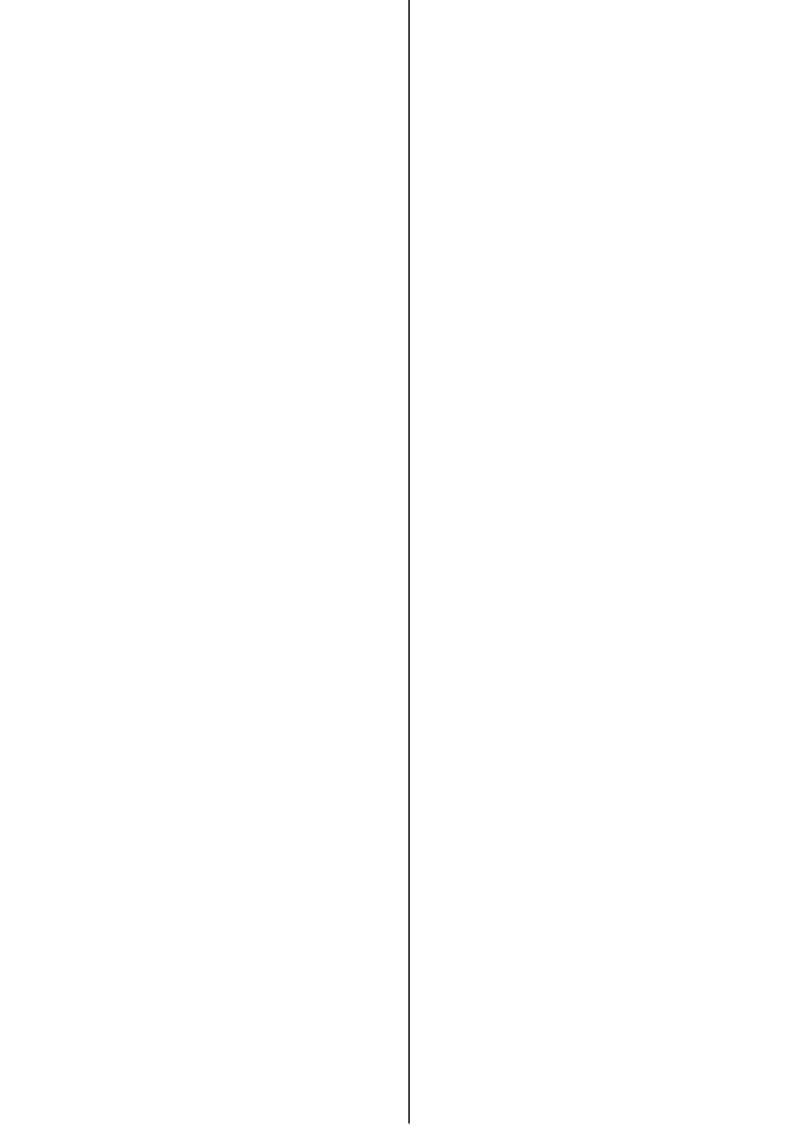


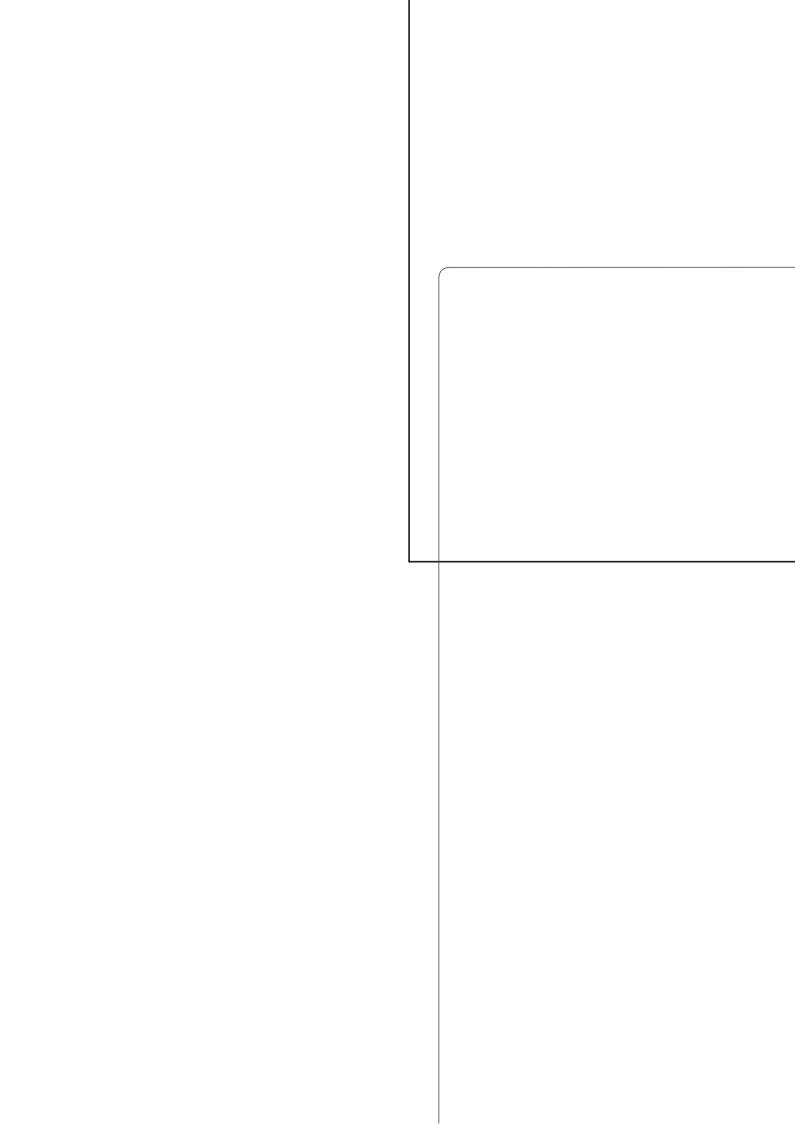


Data Layer Architecture

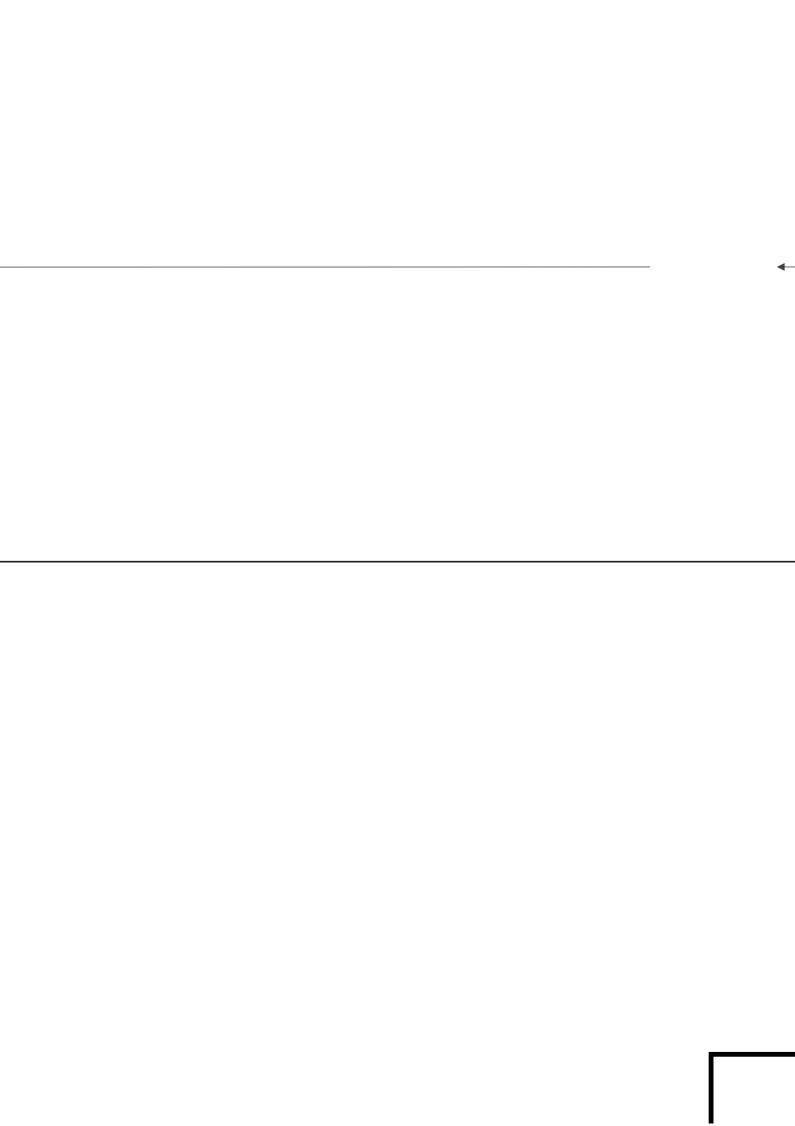


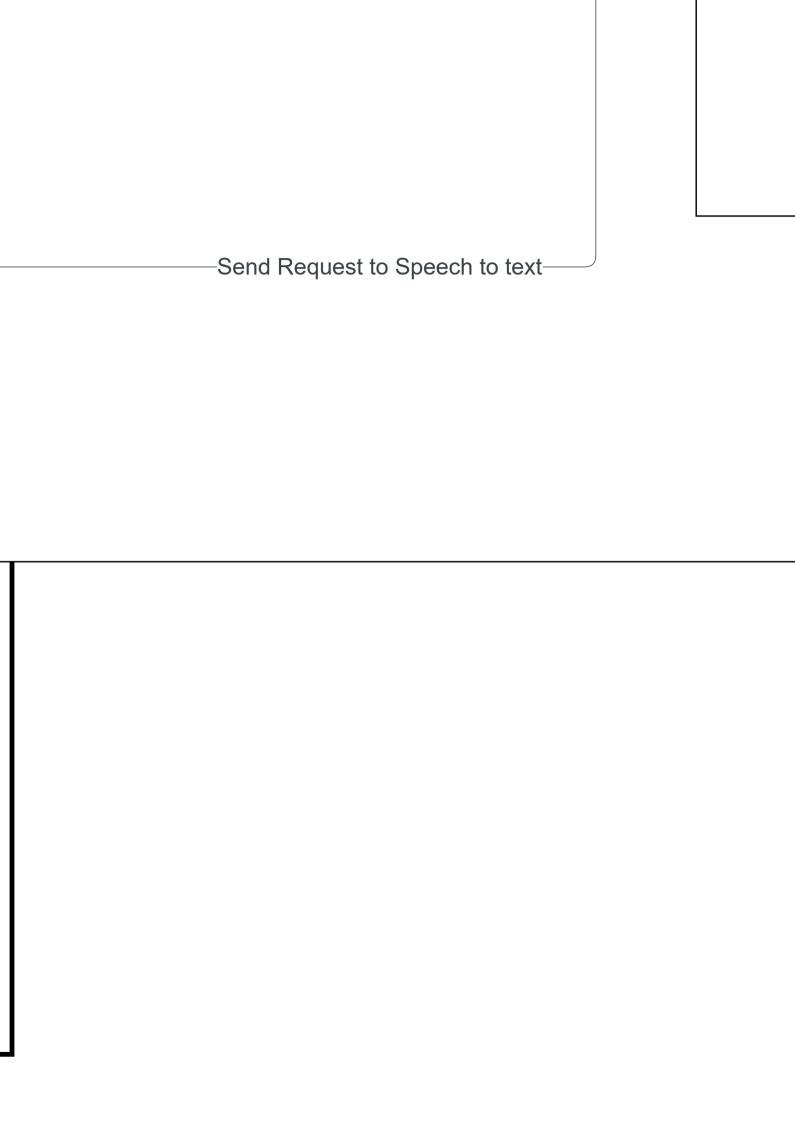


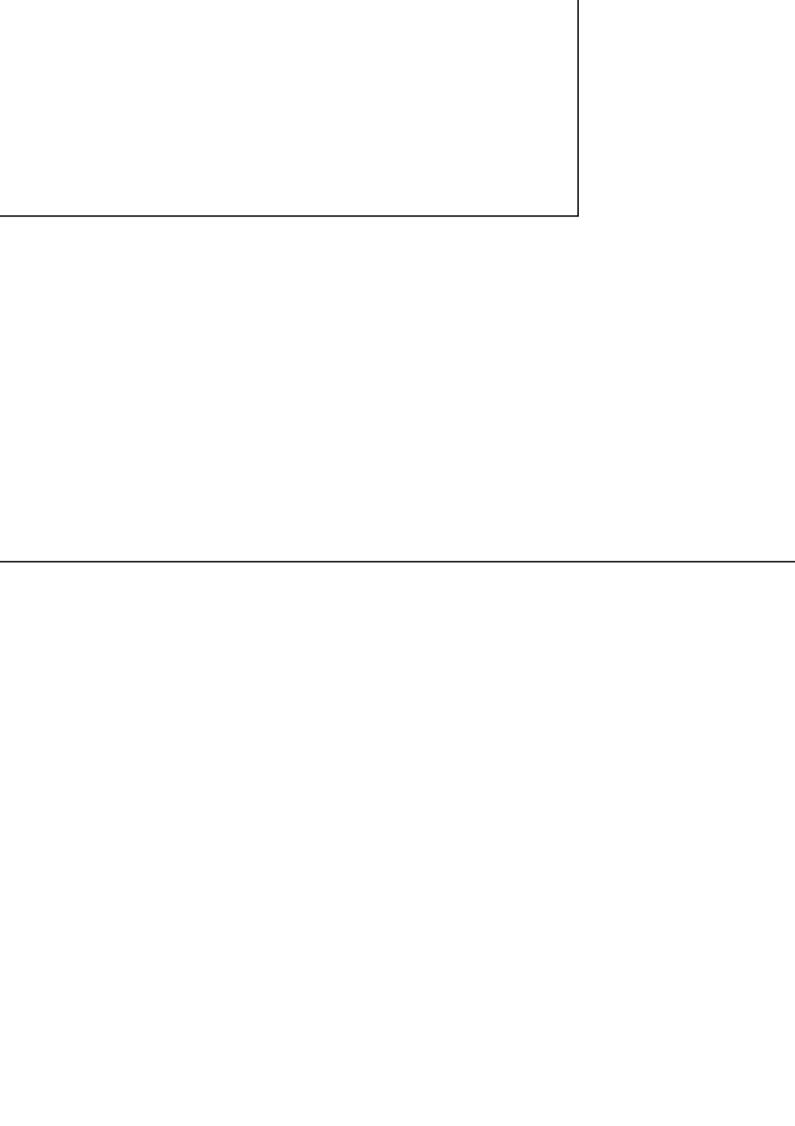




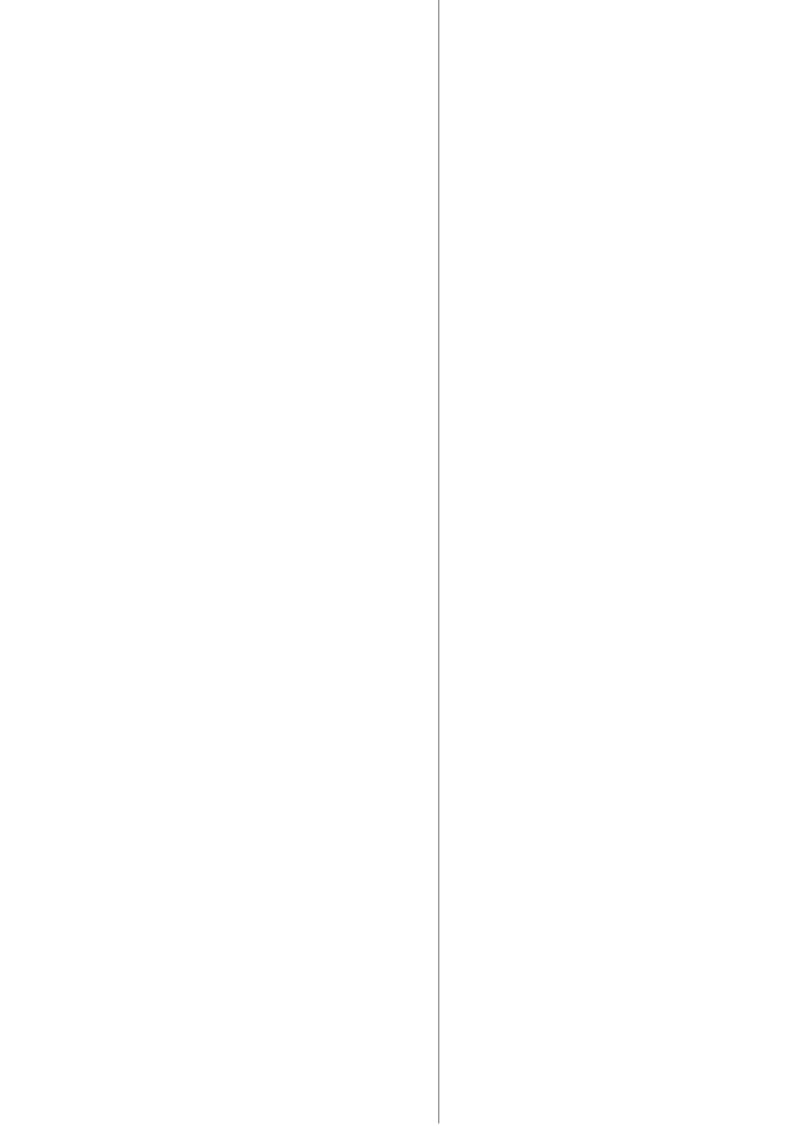






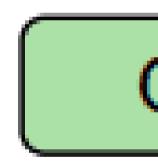




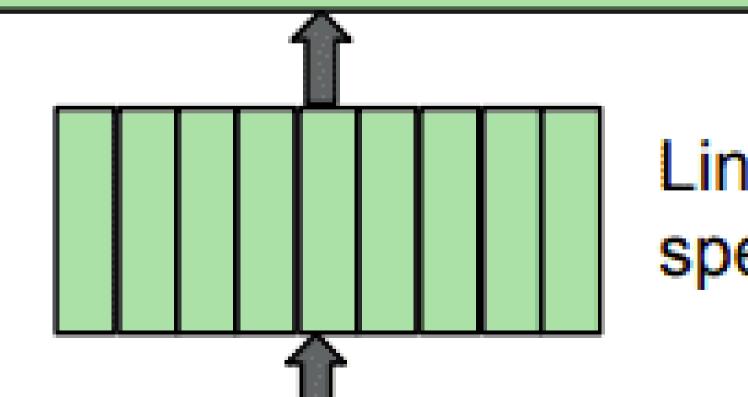


Speech to te

ext Algoritthm

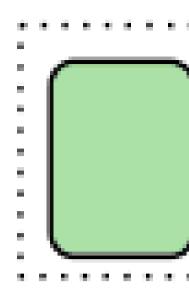


3riffin-Lim reconstructio

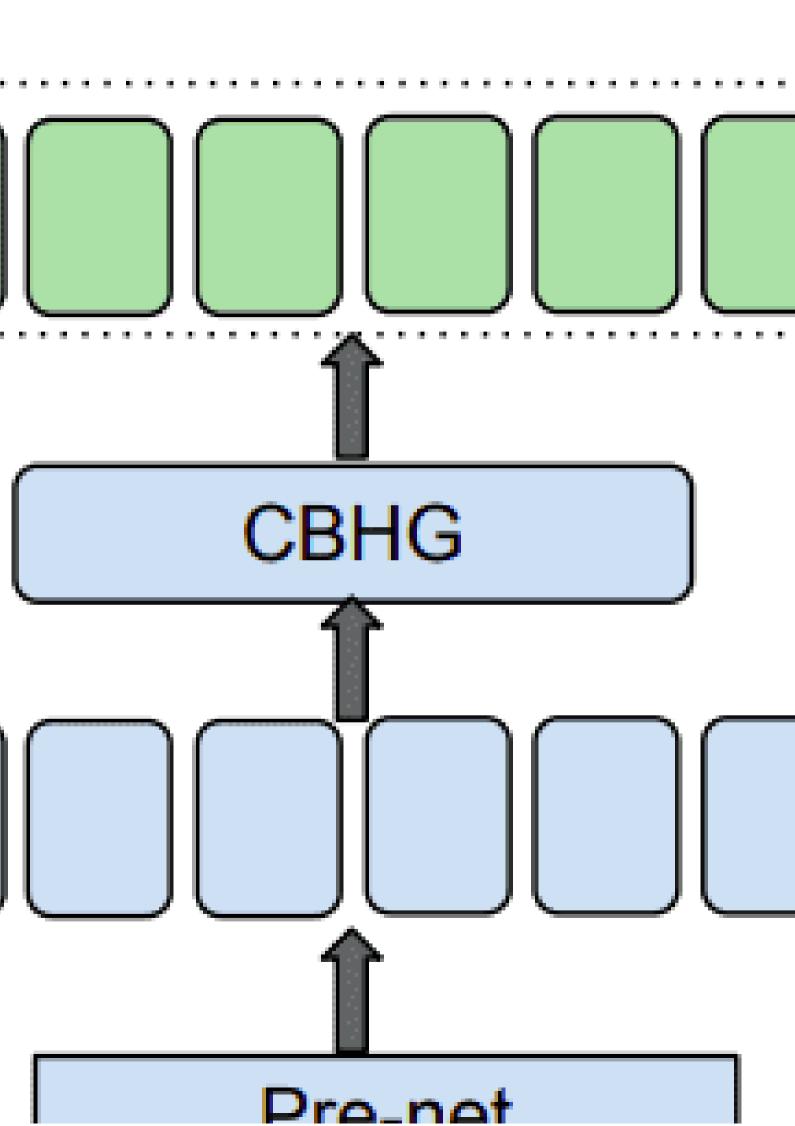


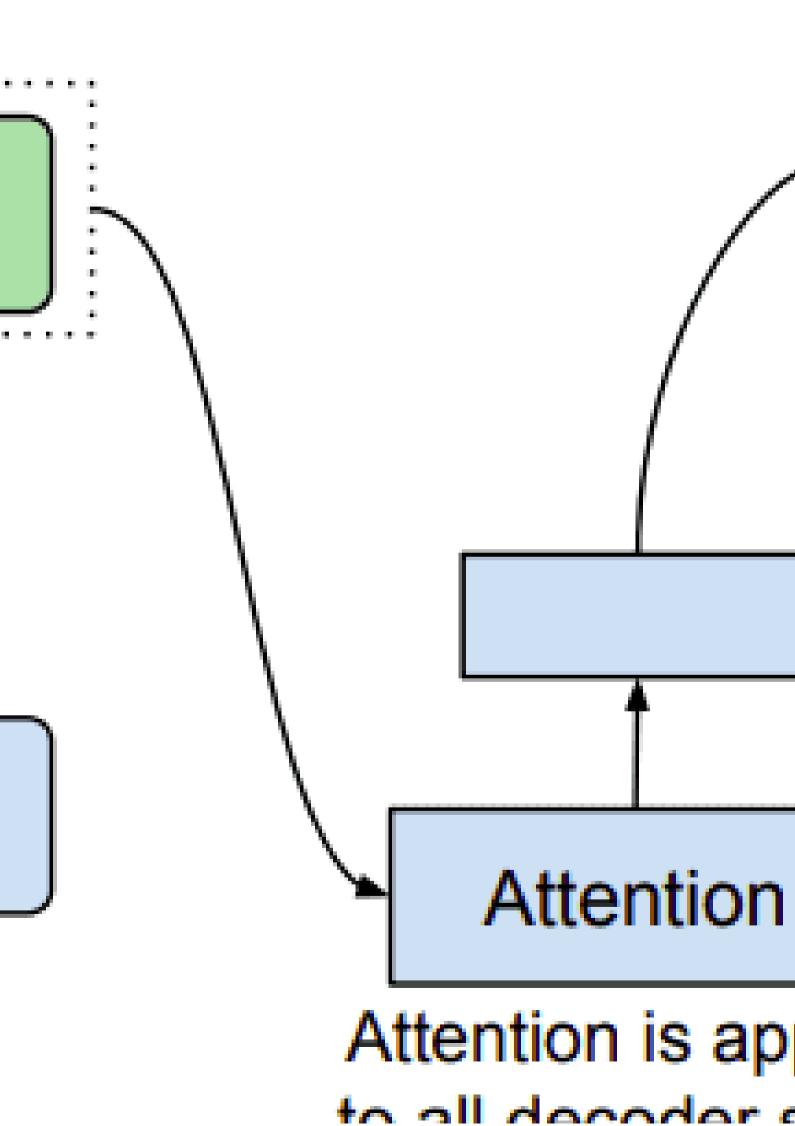
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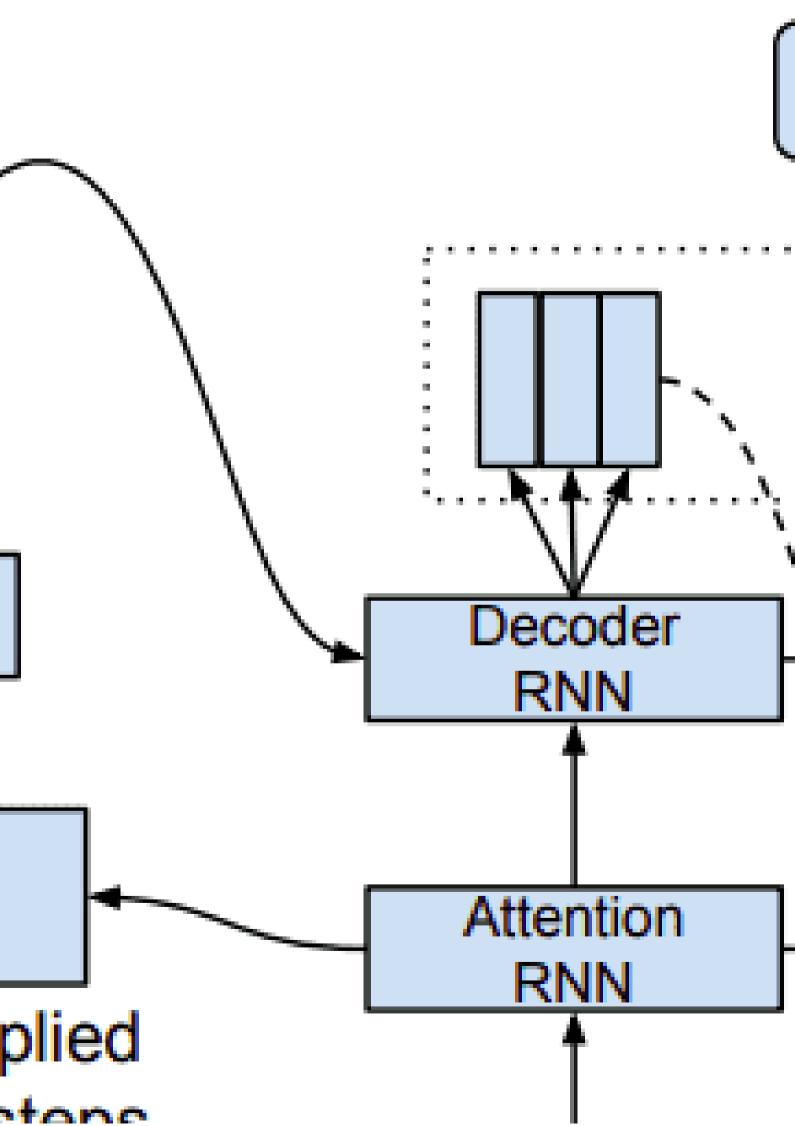
ear-scale ectrogram

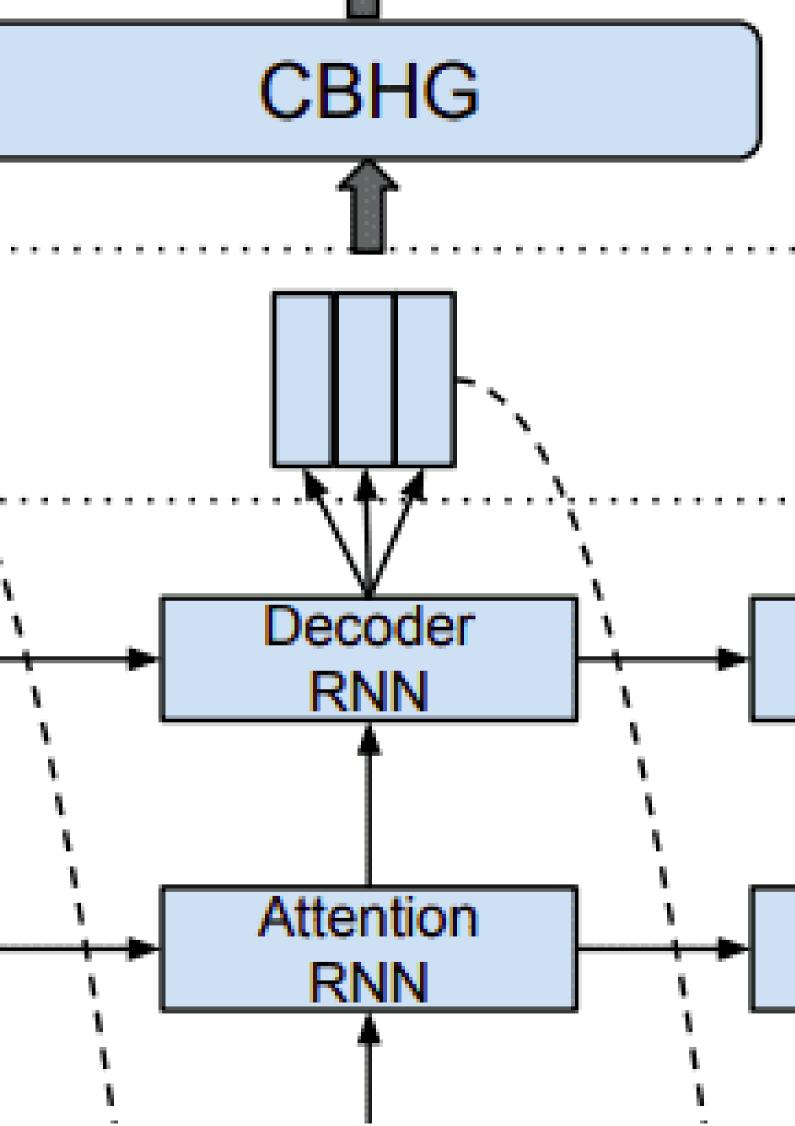


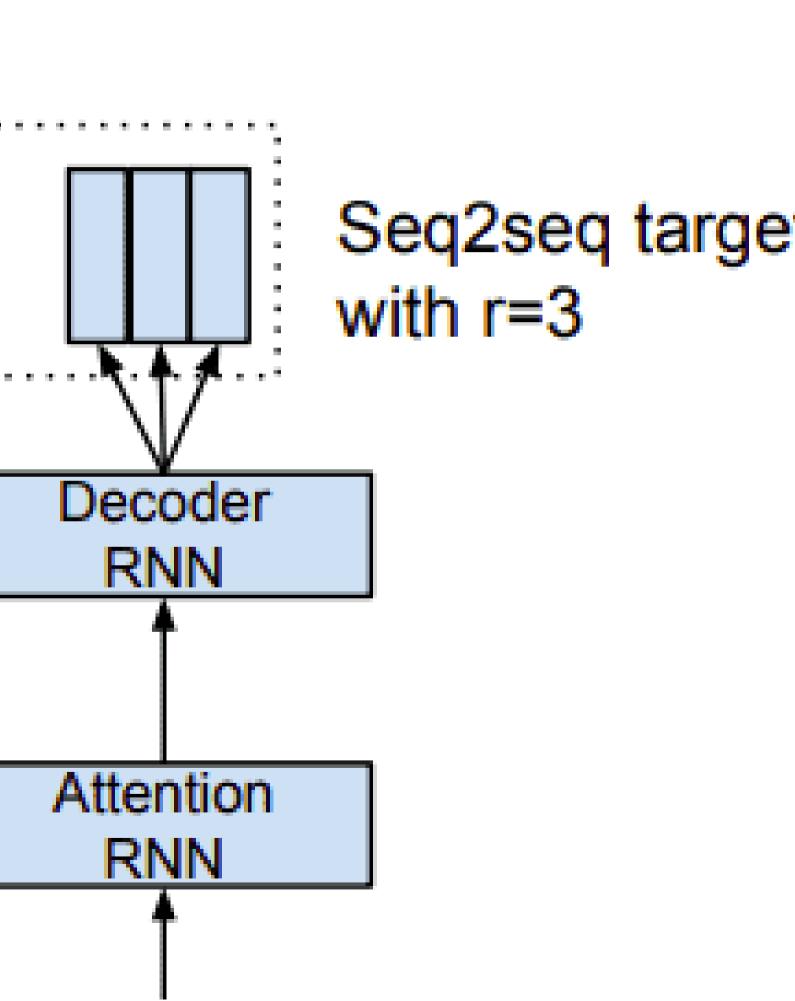




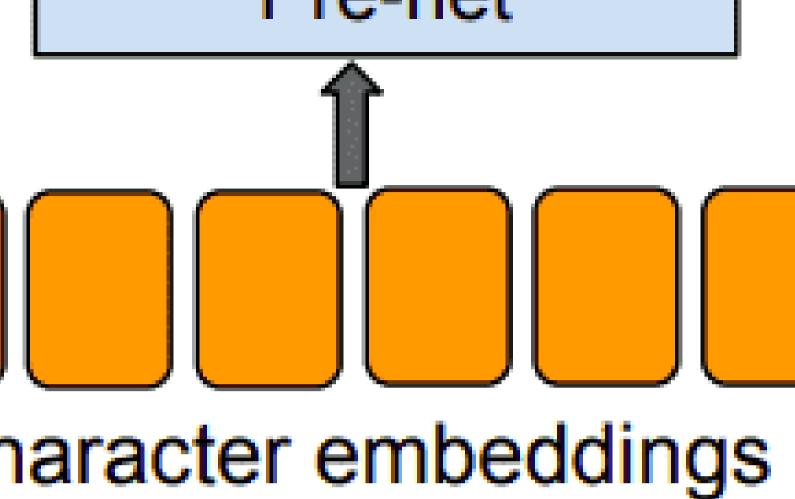






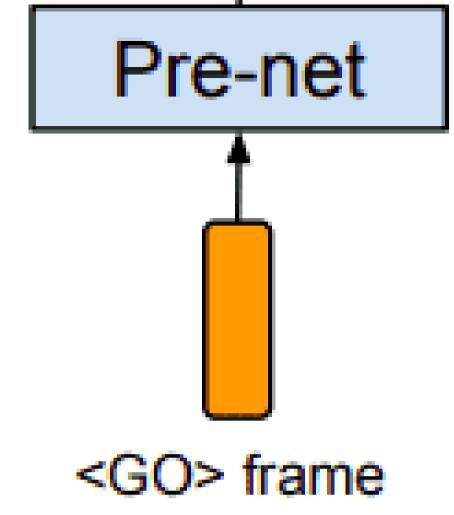


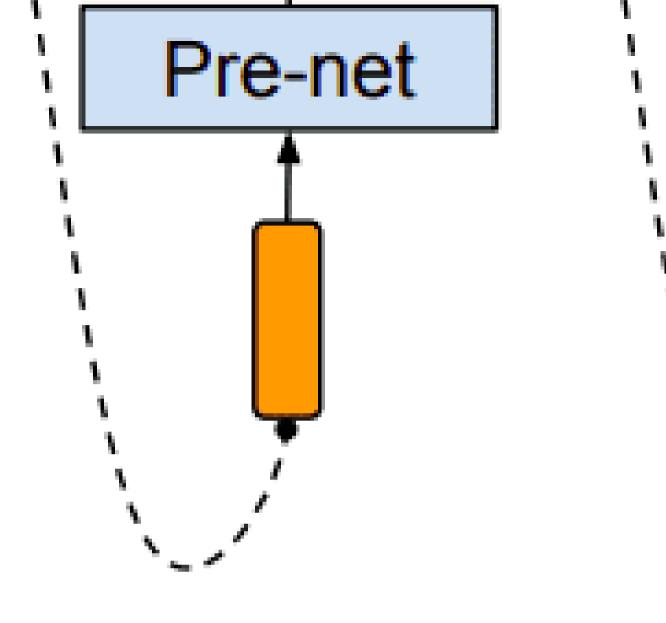






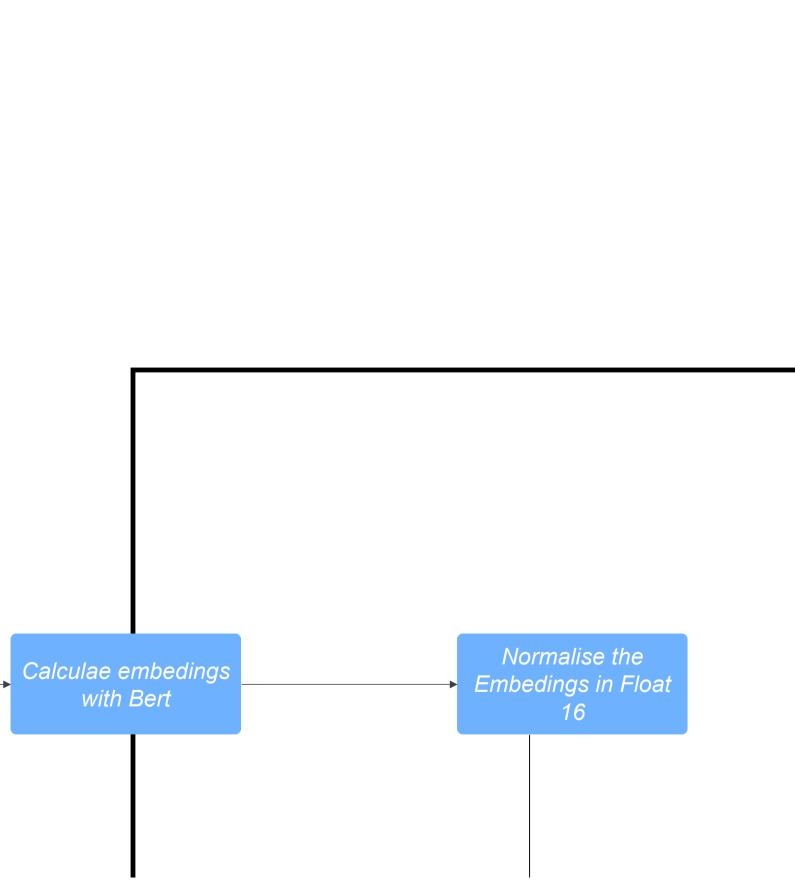






Pre-net

Input To knowledge extraction Input Output

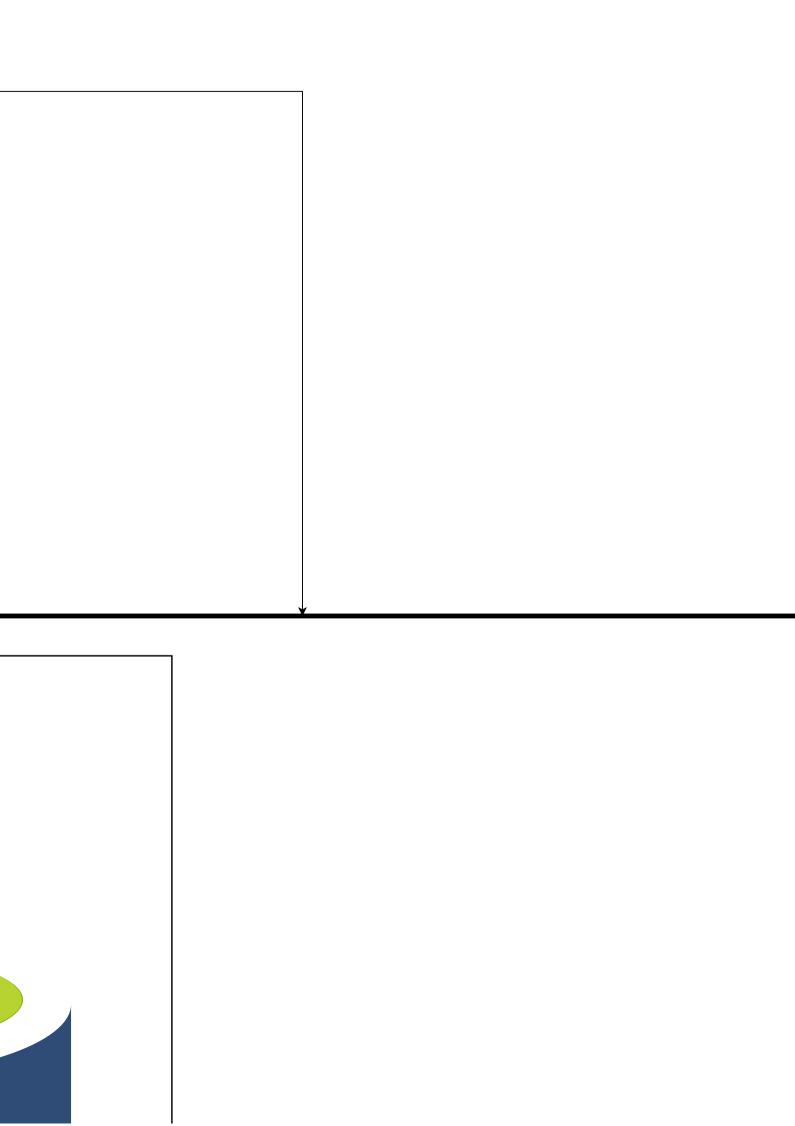




Knov



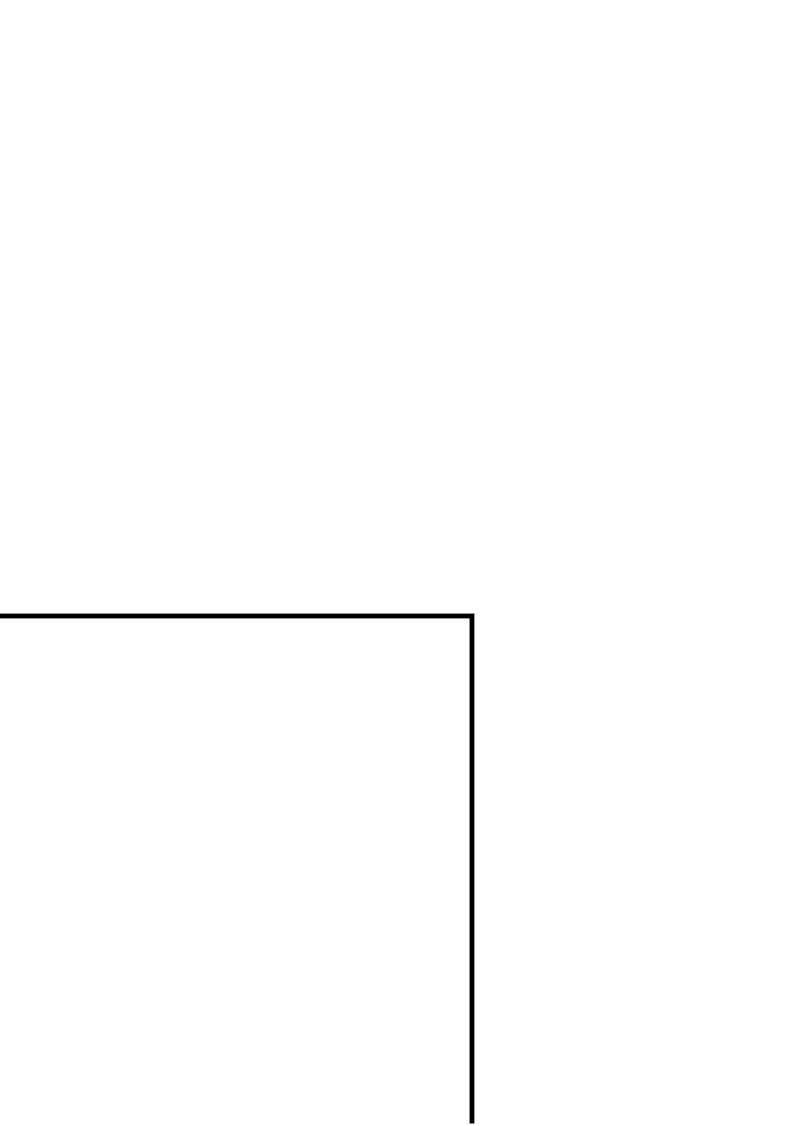
vledge Extraction

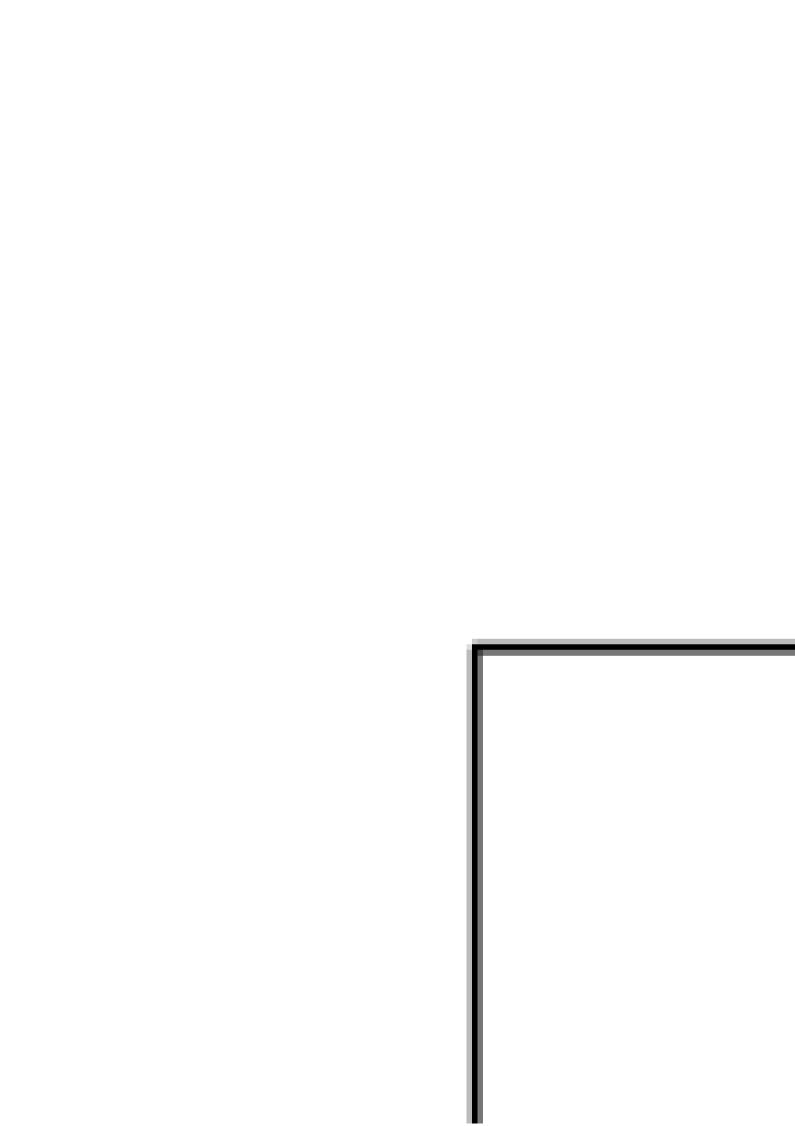














Container on ompute Engin



e



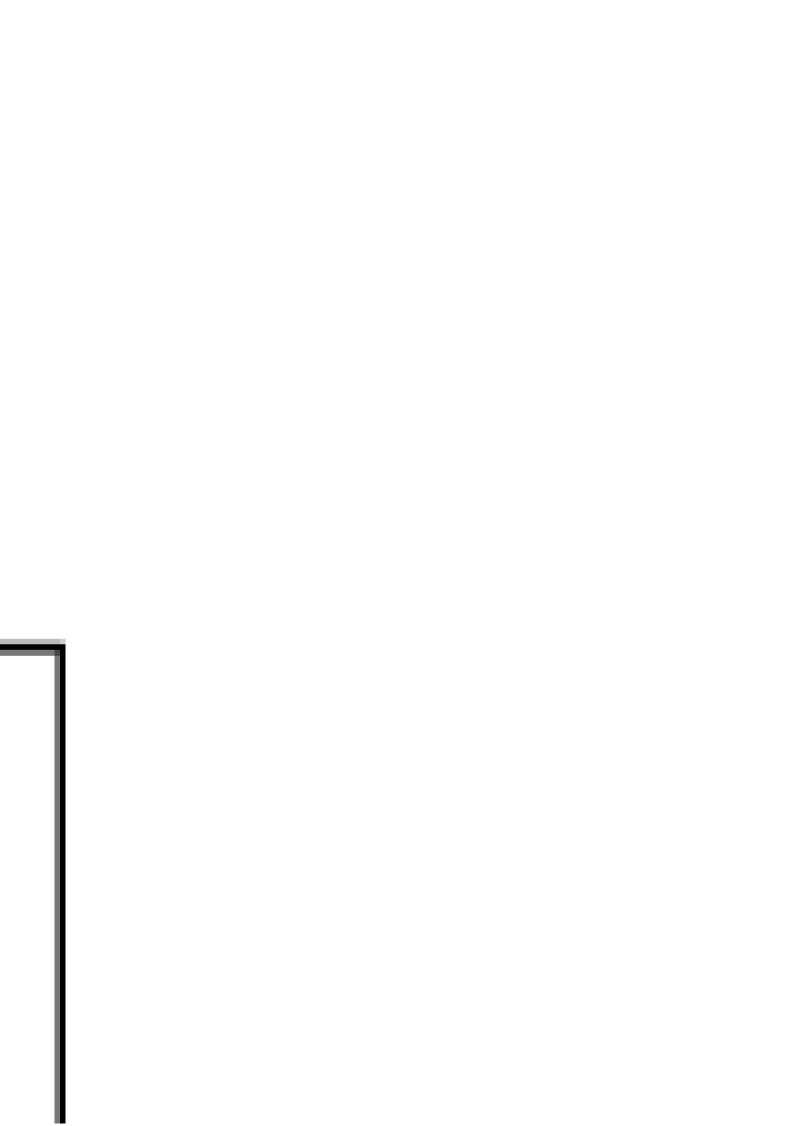
Speech to text

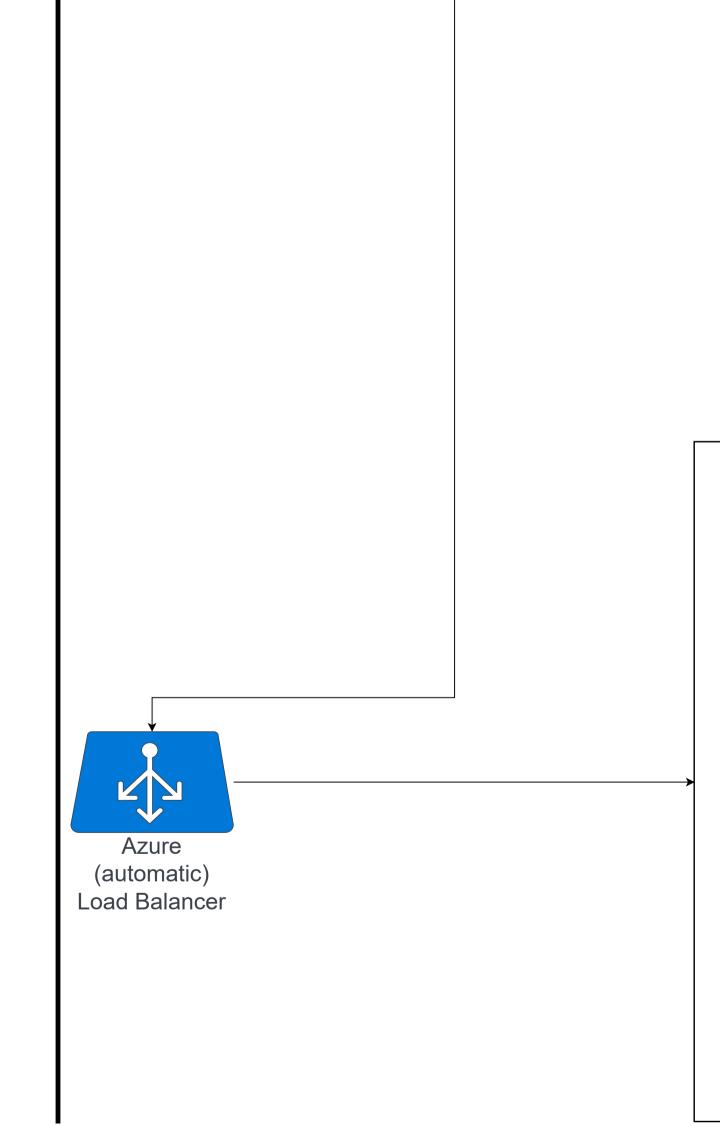




Cor

itainer on



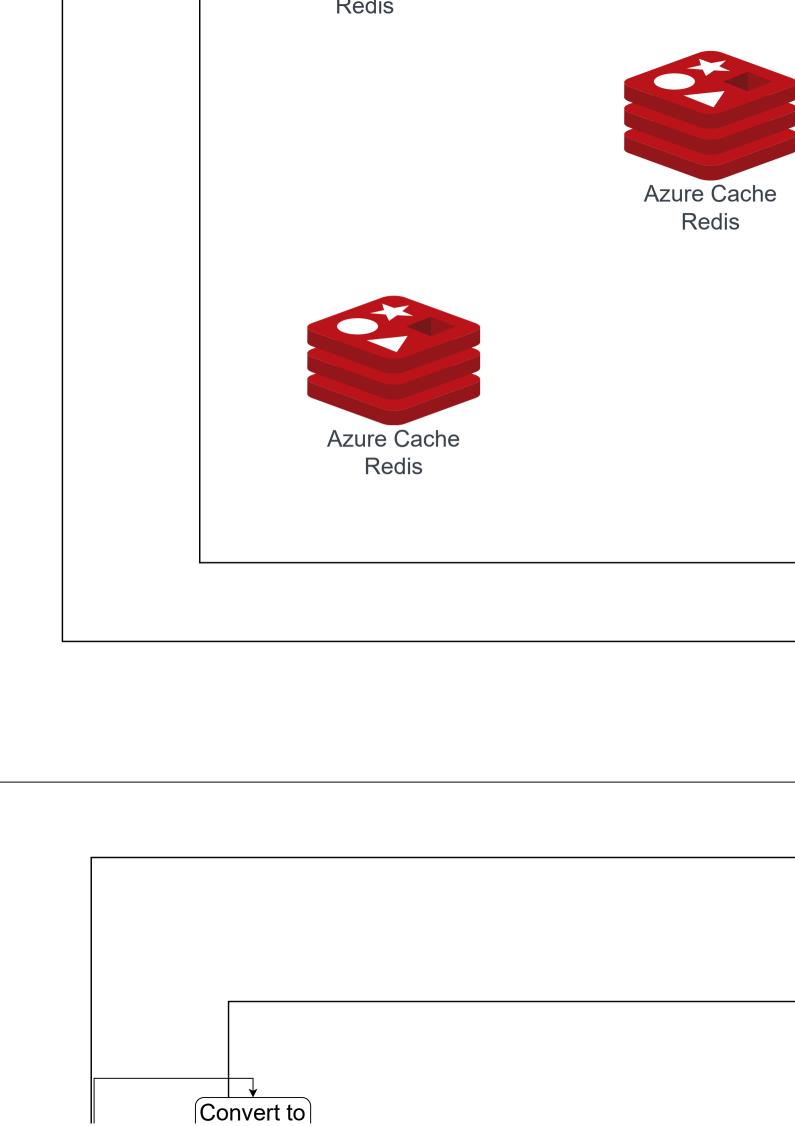


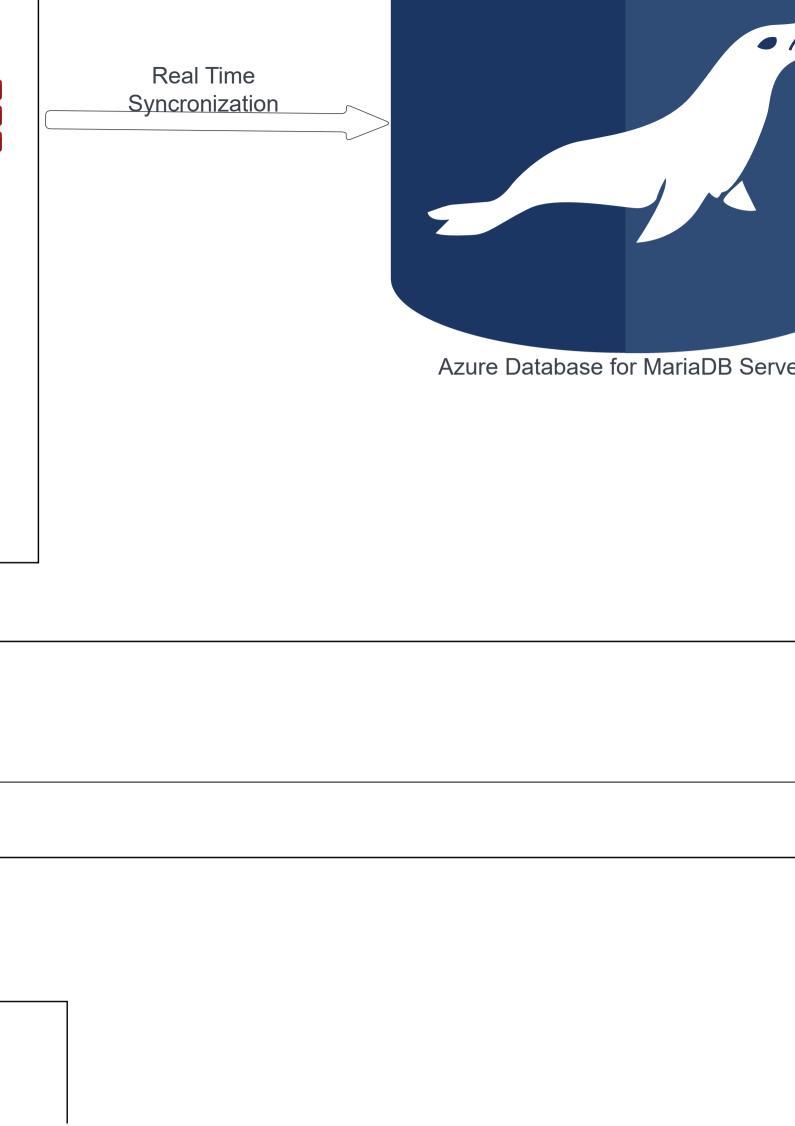
Load balancers for searching

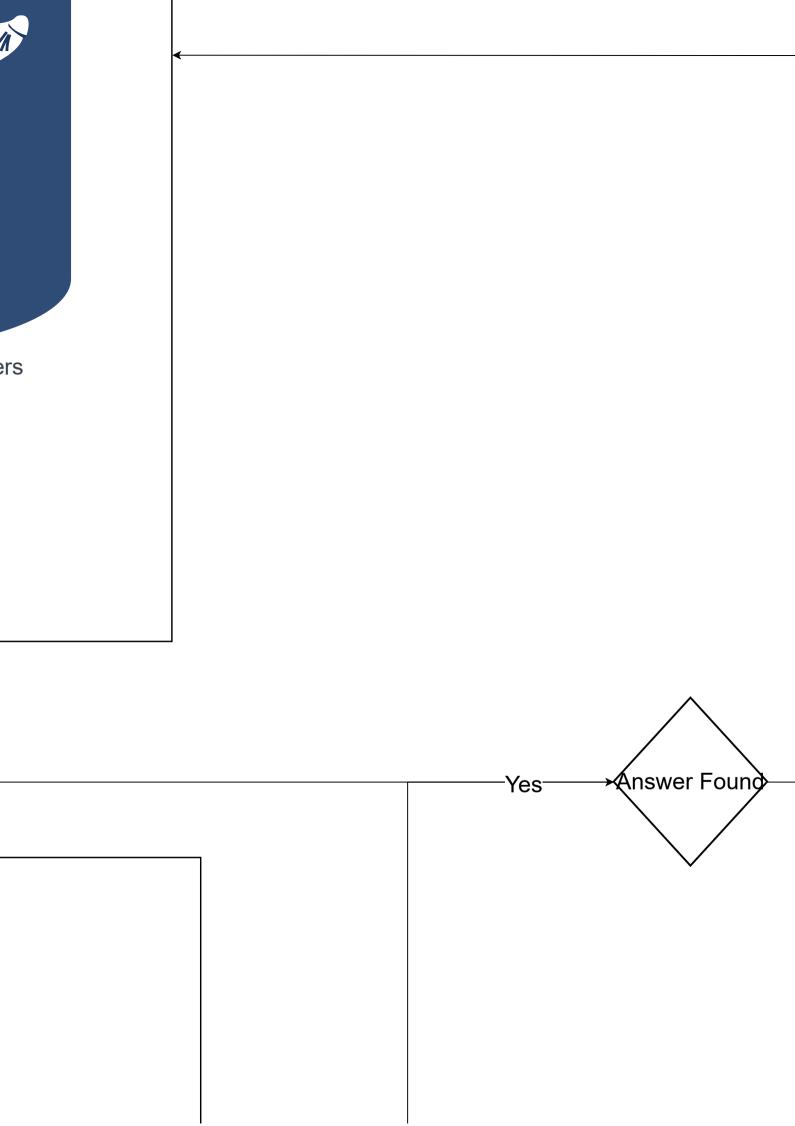
> Virtual Machine

Virtual Machine

Virtual Machine







Micro-Service Architecture

ChatGPT

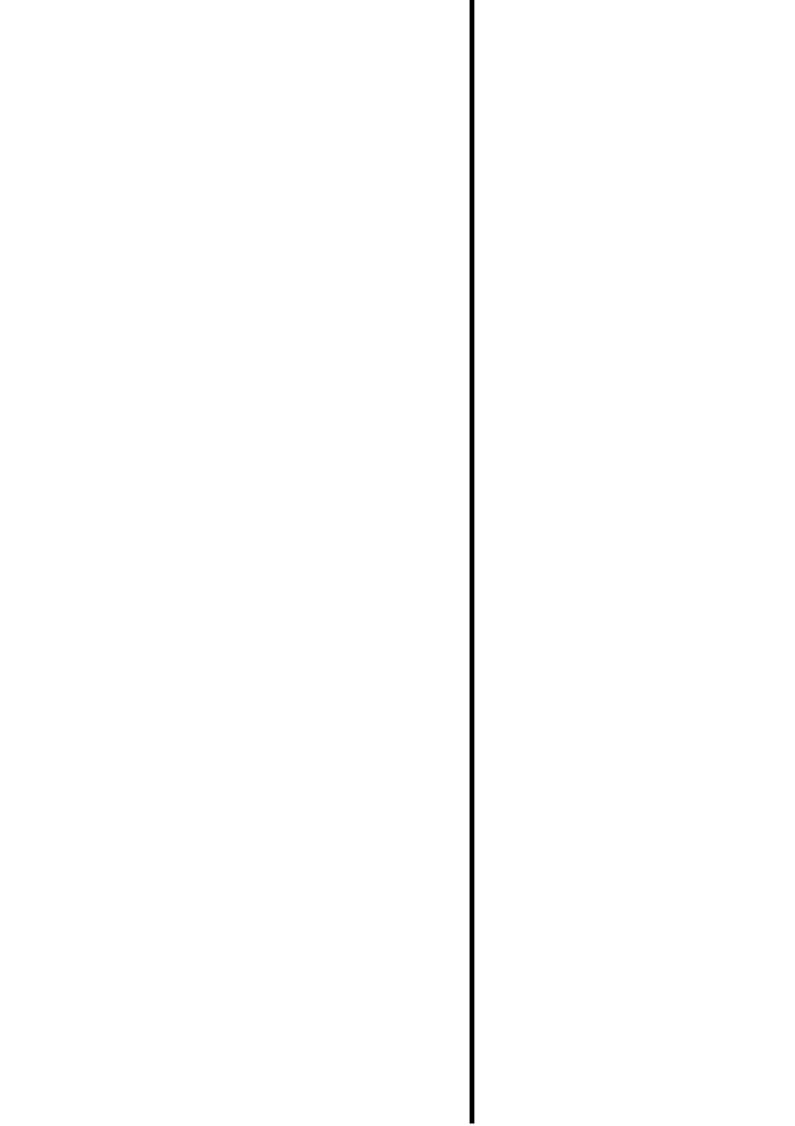
BARD

No-

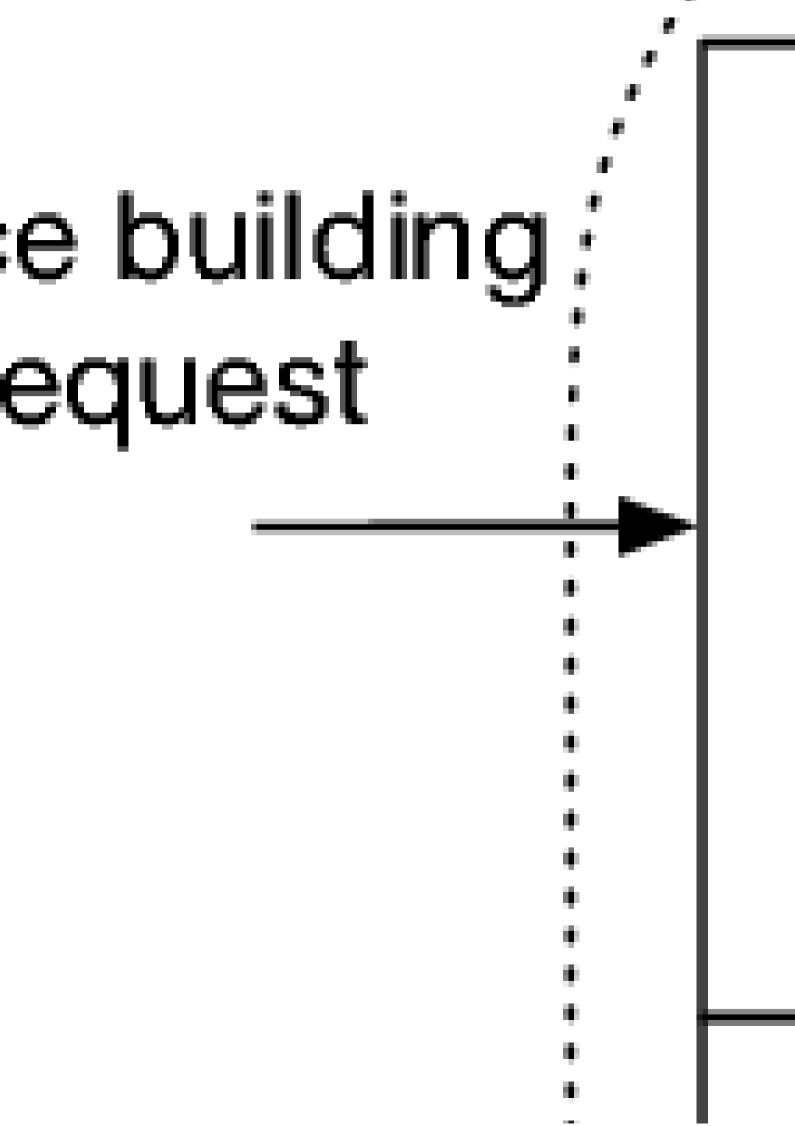
MetaGPT

Search Query on Google

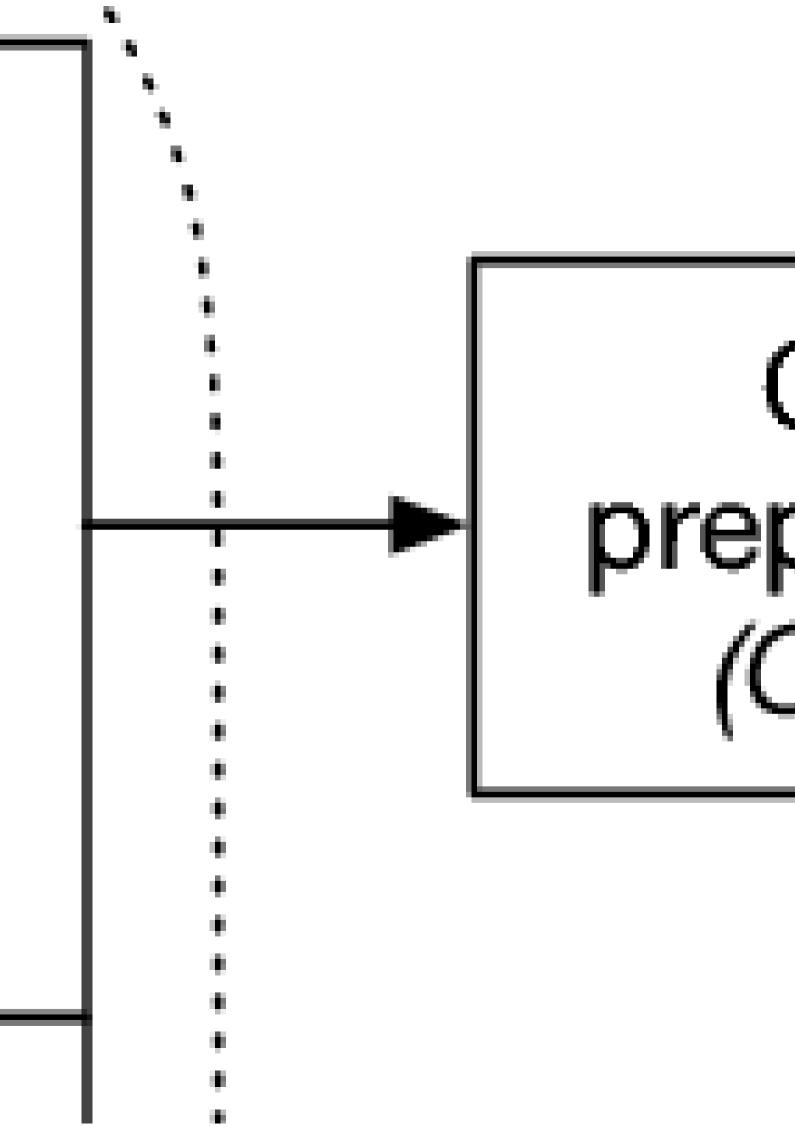
Rephrase the question and ask it to the client again for confirmation



Voic



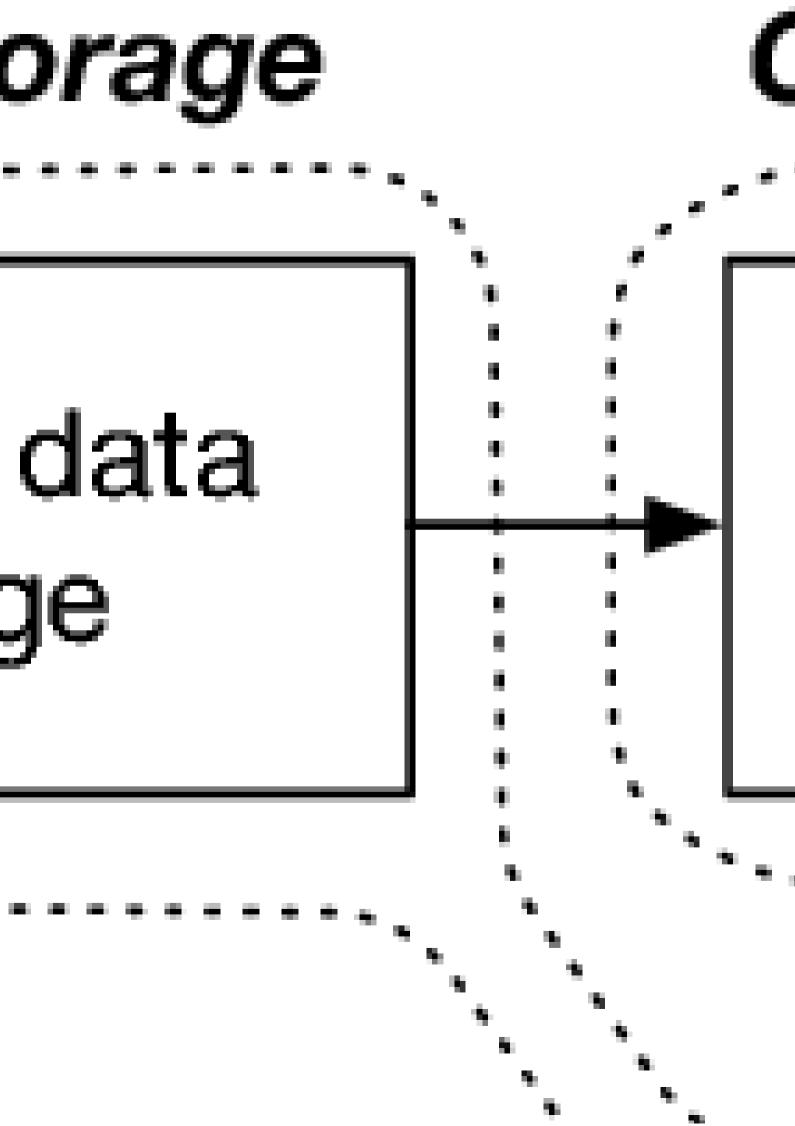
Voice creation frontend



Custom Processing

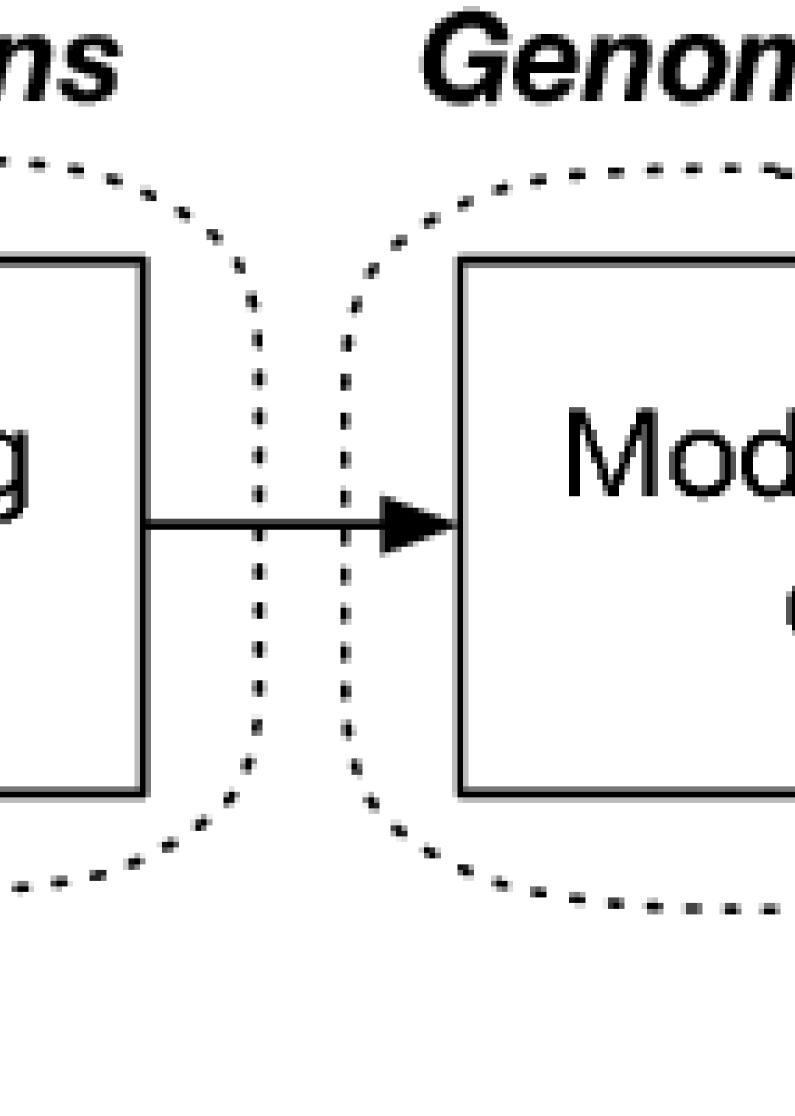
Cloud St

Training stora



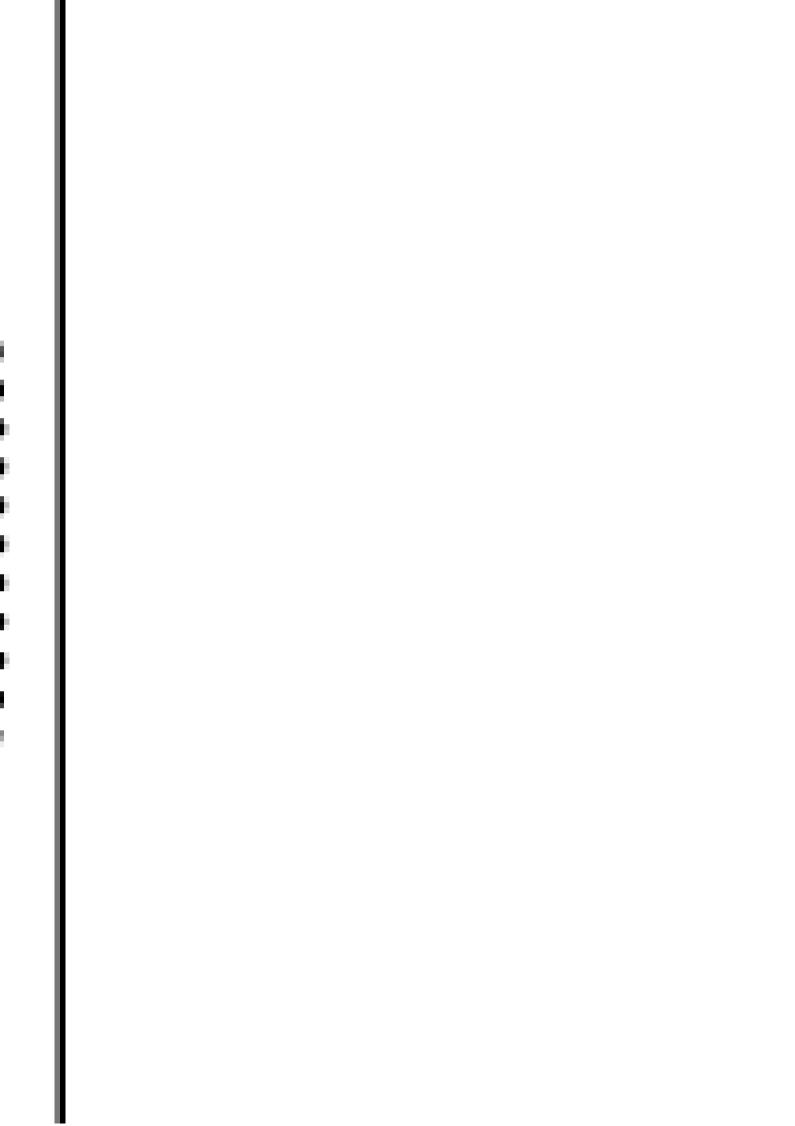
Cloud Function

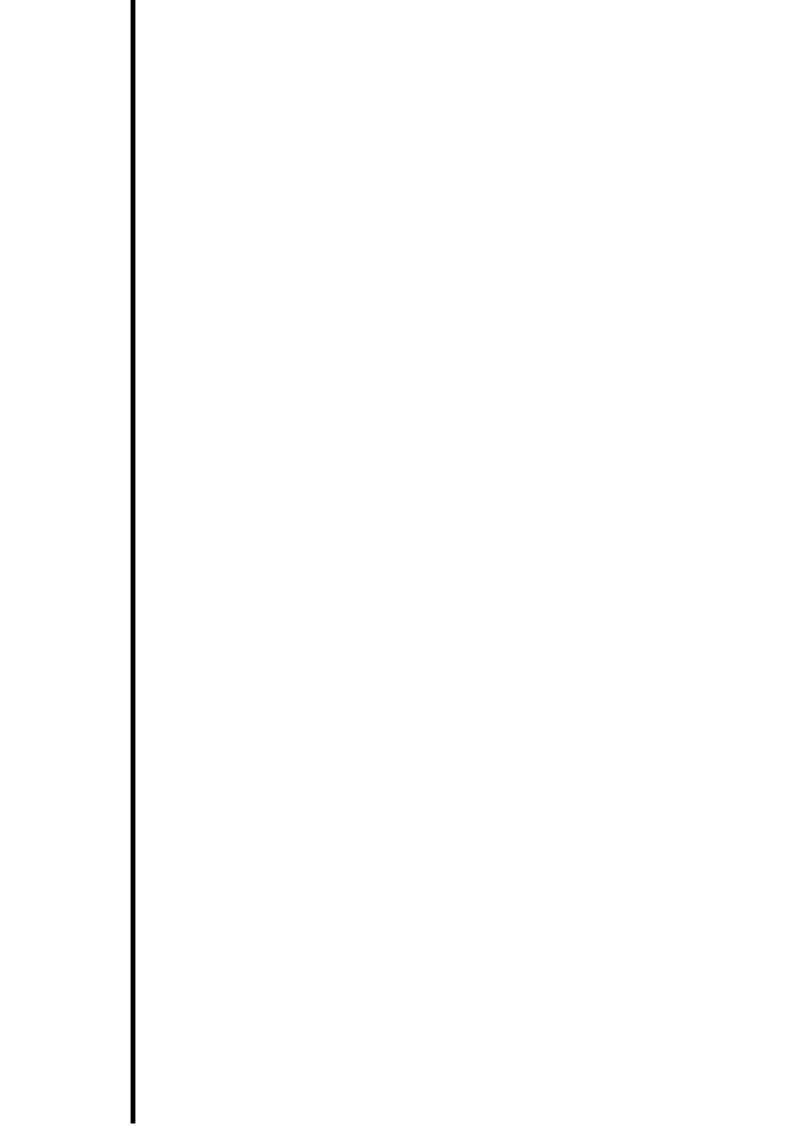
Model training trigger

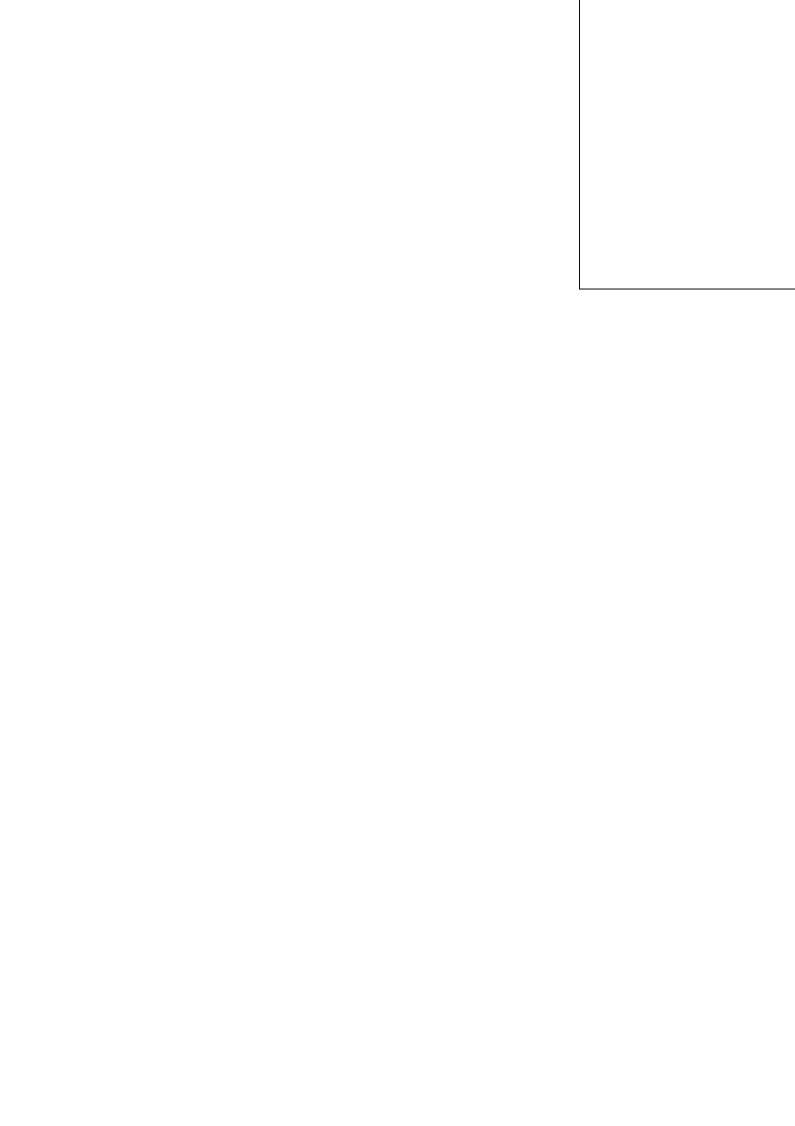


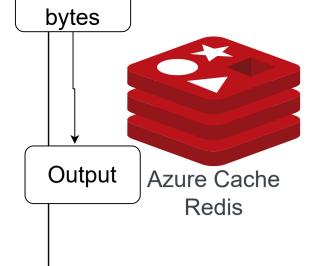
nics Pipeline

lel building engine



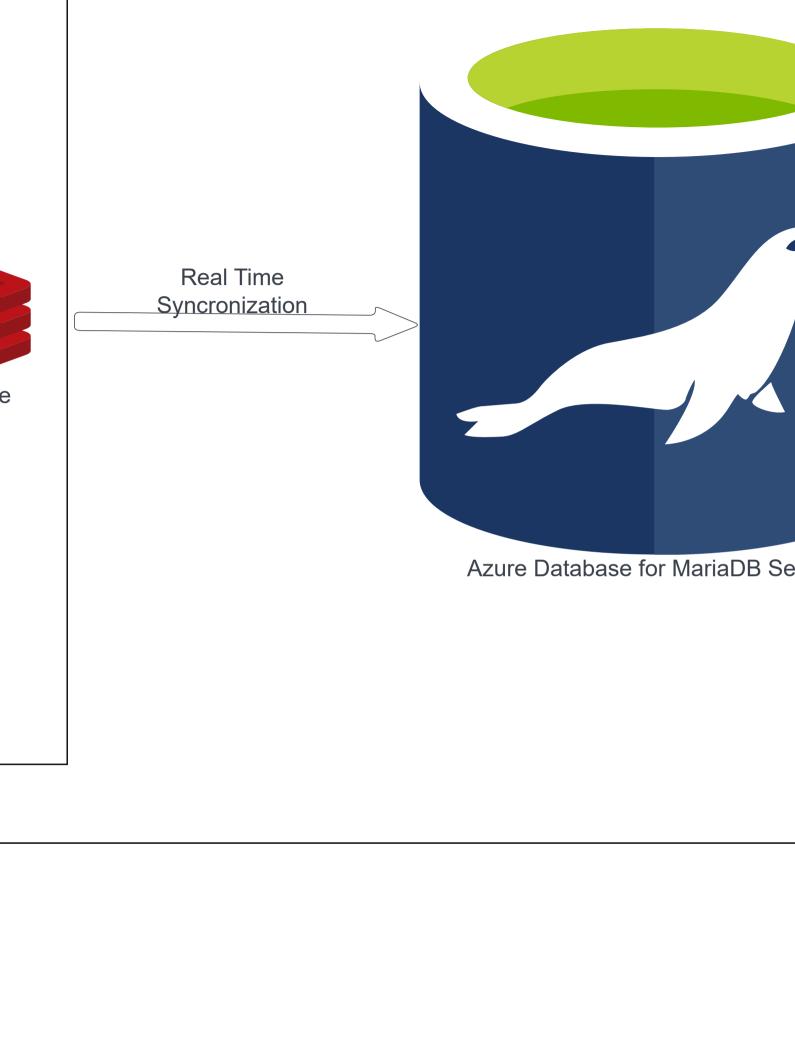


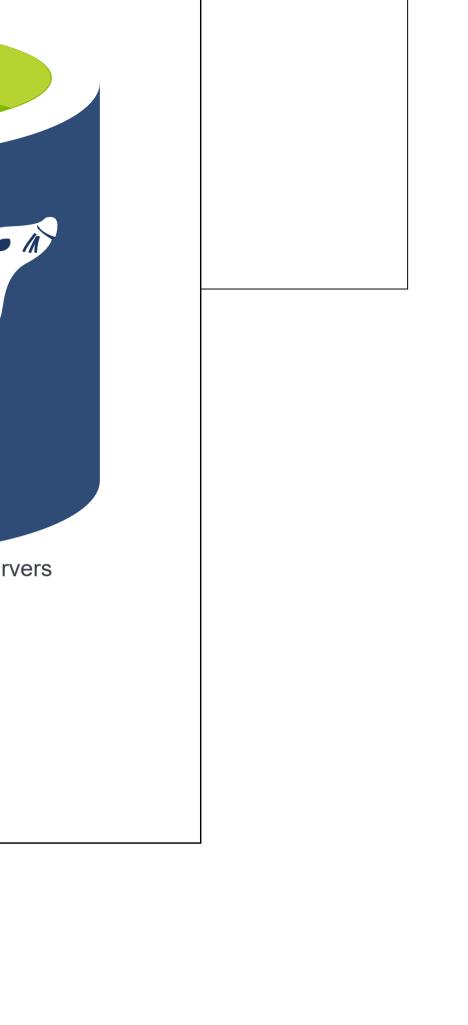




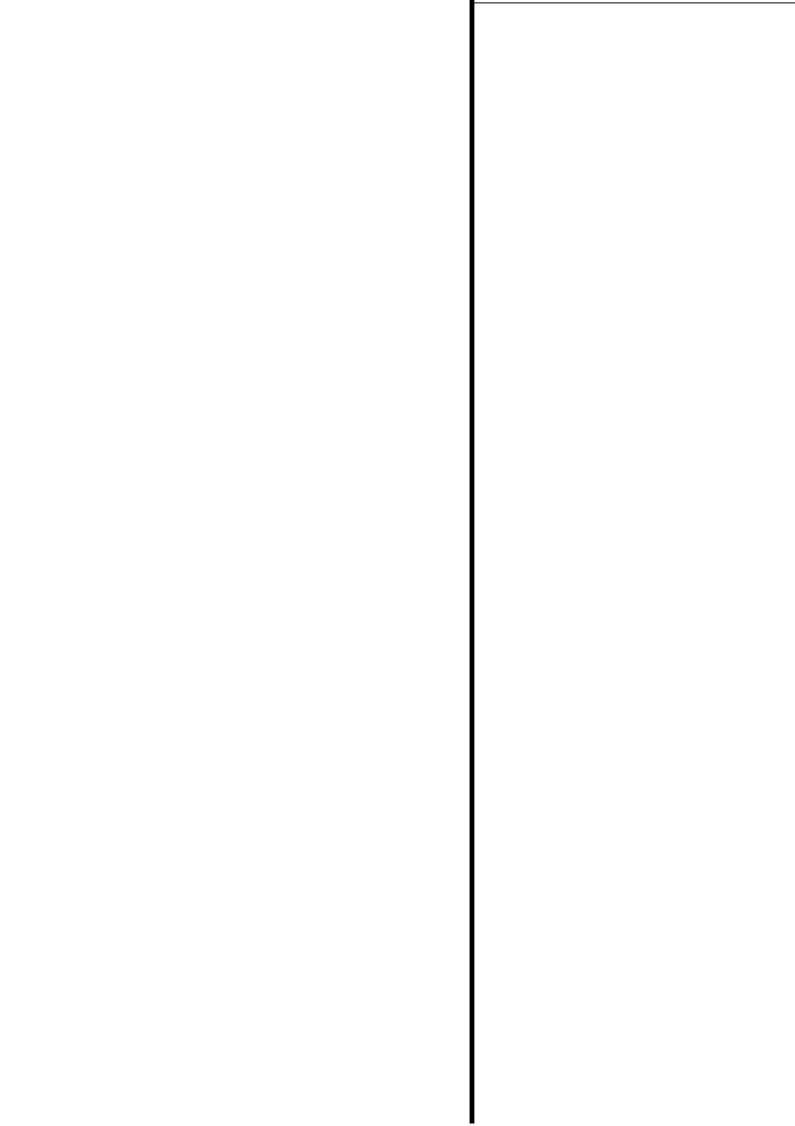


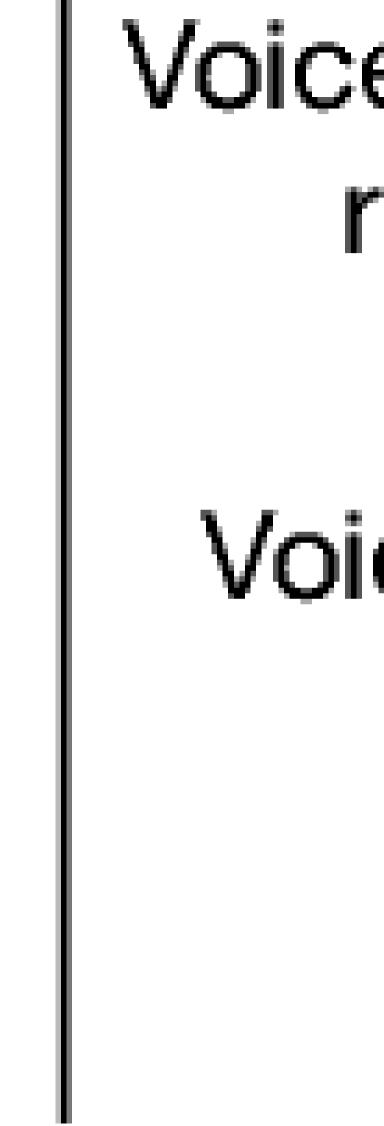


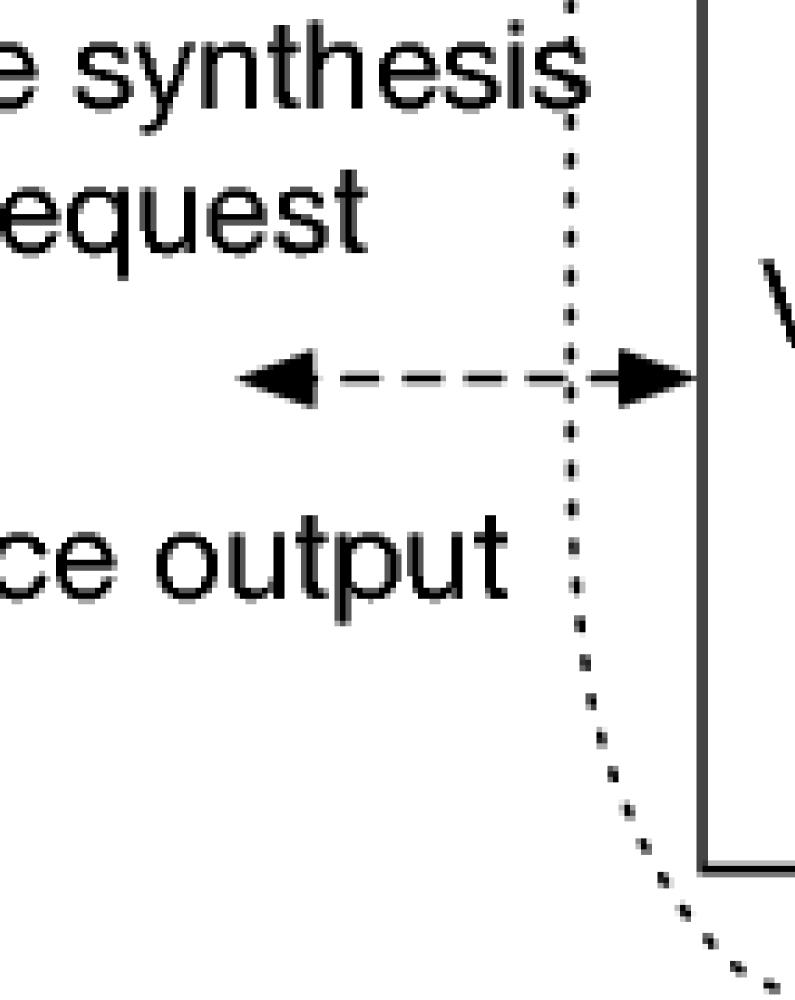




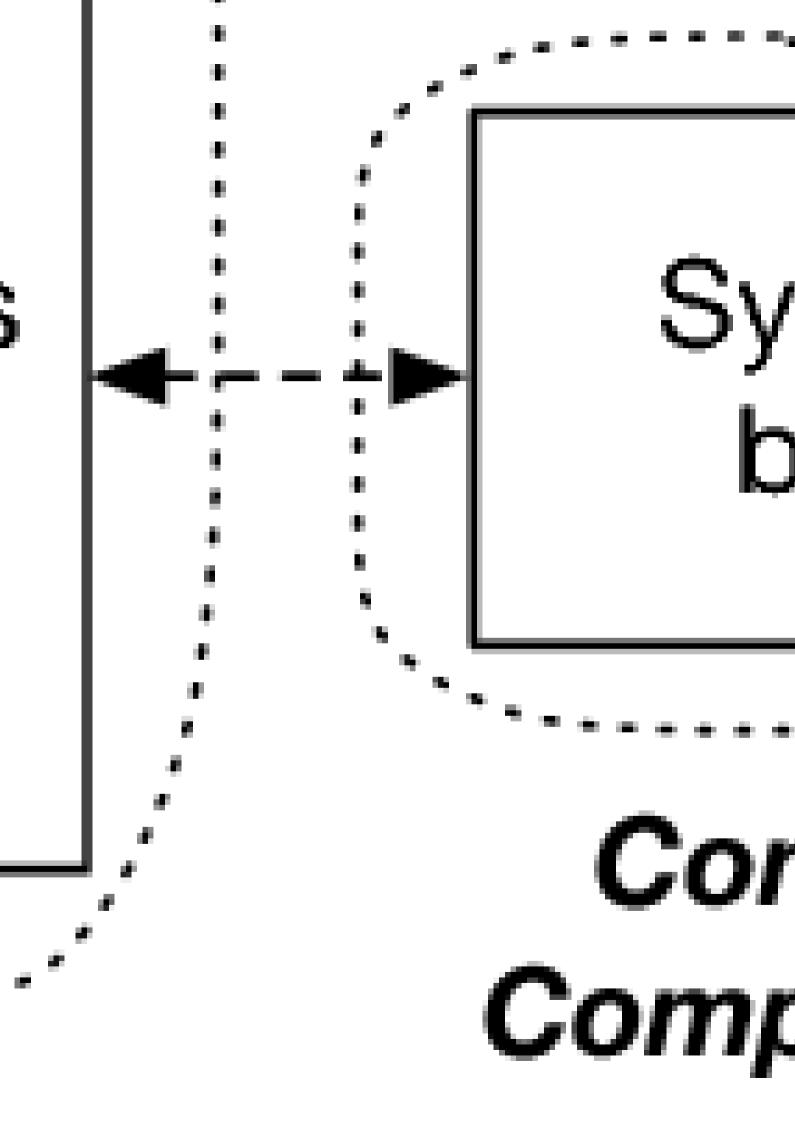






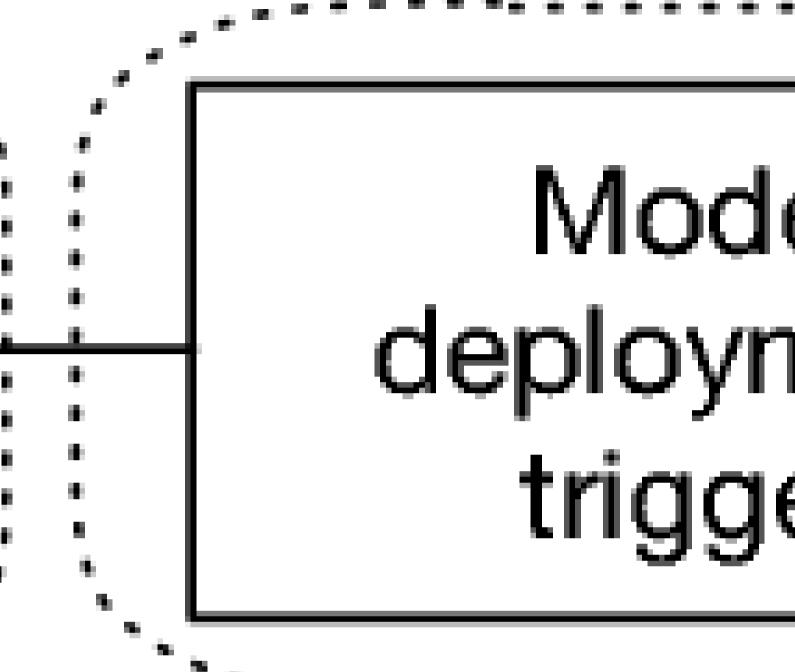


oice synthesis/ frontend

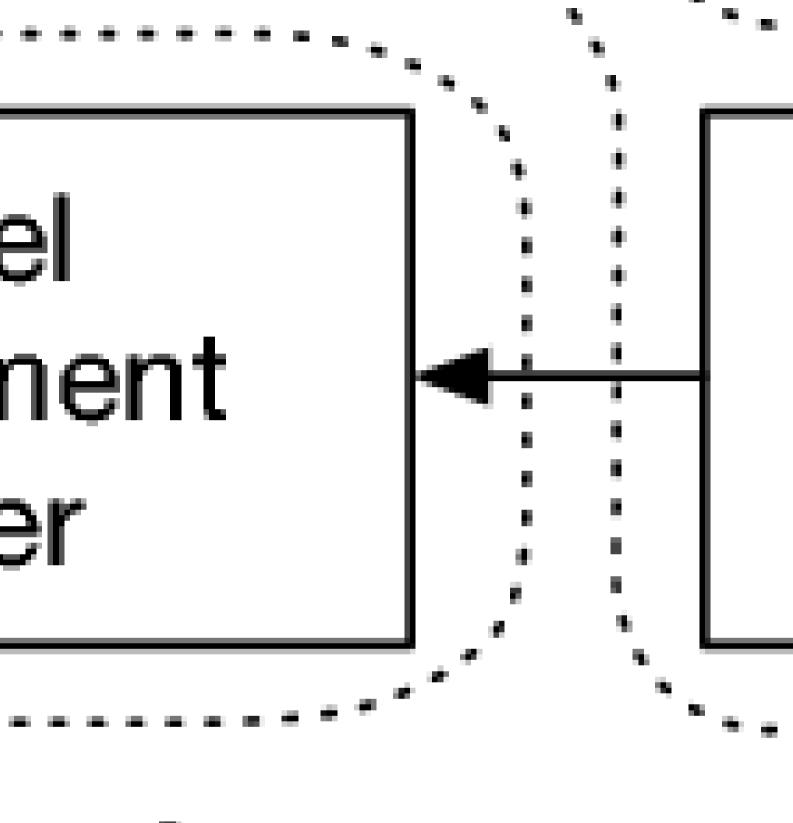


nthesizer ackend

ntainer on oute Engine



Cloud Fur



ctions

Voice model storage

