AWS re:Invent

ALX309

Alexa's different speaking styles for developers

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AWS re:Invent

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aws

Agenda

How it works

How it sounds

How to use it

Related sessions

ALX201 - How developers can build natural, extensible voice conversations

ALX308 - Making Alexa sound more human—Amazon’s text-to-speech technology

YouTube: (M08) How We Make Alexa Sound More Human-like

Voice Strategy



Voice is important



Convenience is the Key

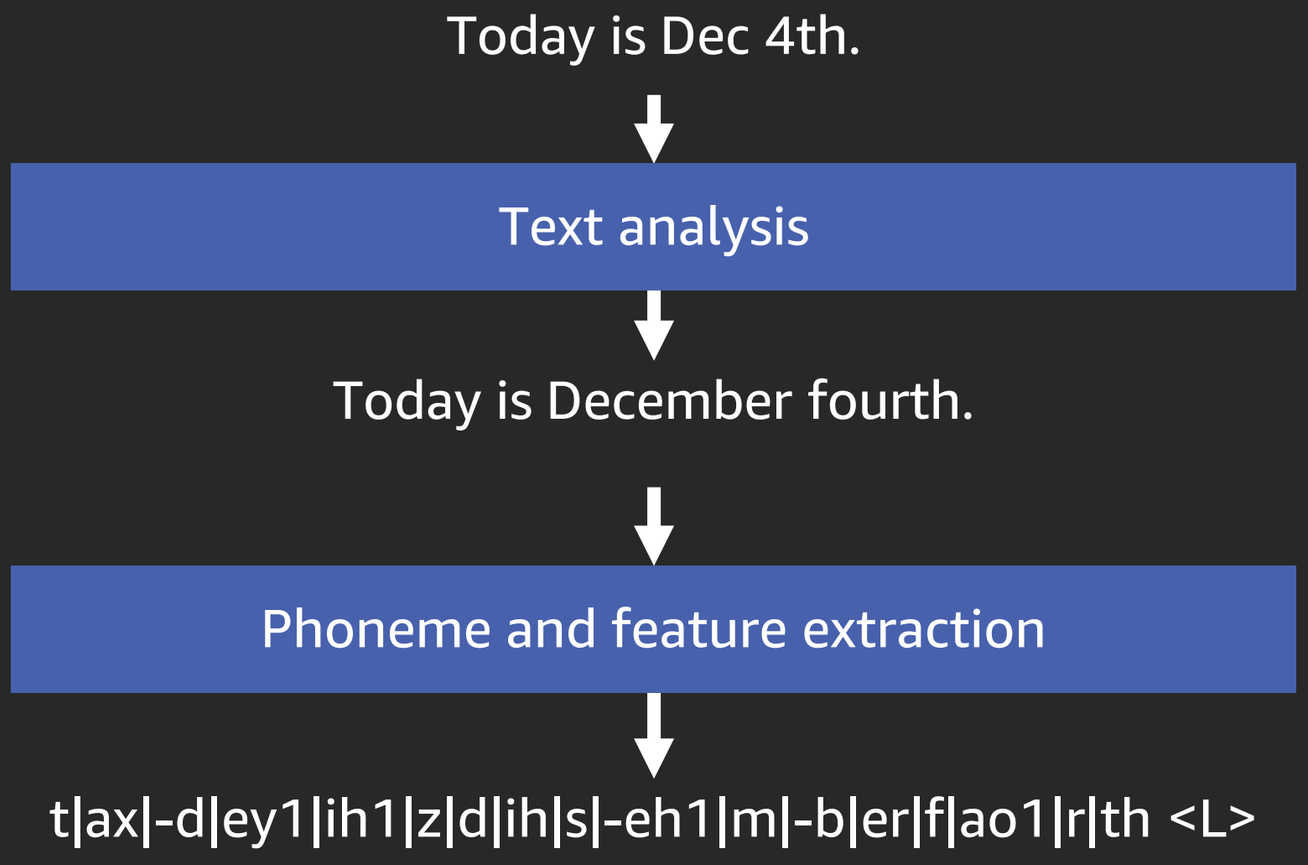


Life-like Experiences

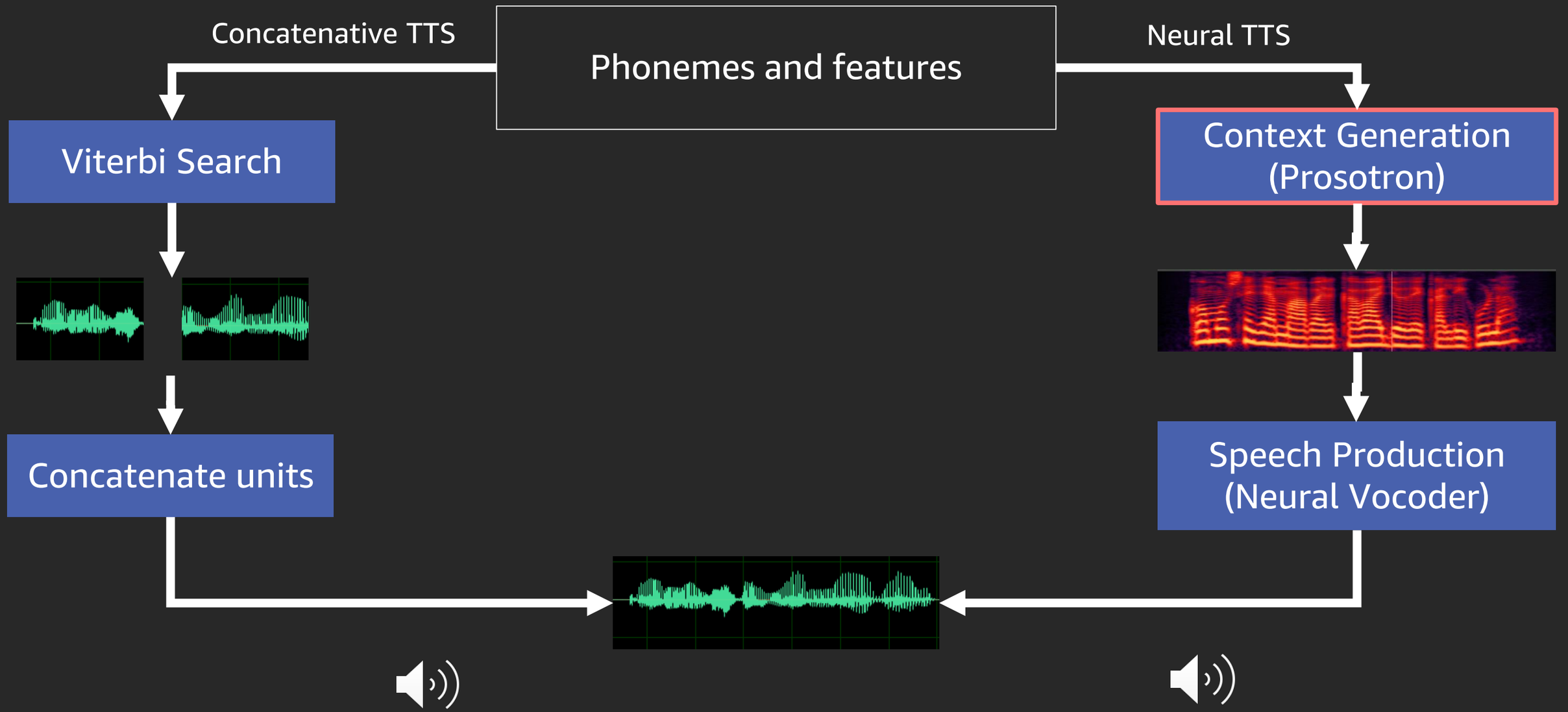
How it works

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Components of a text-to-speech system #1 – front-end



Components of a text-to-speech system #2 – back-end



How it sounds

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Newscaster style

Firefighters have made progress containing wind-driven wildfires in the western US state of California that has claimed one life, destroyed or damaged dozens of structures, and forced the evacuation of tens of thousands of people. Los Angeles Fire Department Captain Branden Silverman said Saturday morning the blaze in Los Angeles County, named the Saddleridge fire, had been 19% contained overnight, thanks to slightly cooler temperatures and lighter winds.

Neutral Newscaster AU

Text: www.voanews.com, Image: www.pexels.com



Music style

Sweet Child O' Mine by Guns N' Roses became one of their most successful singles topping the billboard Hot 100 in 1988. Slash’s guitar solo on this song was ranked the 37th greatest solo of all time. Here's, Sweet Child O' Mine.

Neutral

Music



Image: www.pexels.com

Emotional speech

- Neutral
- Very disappointed
- Moderately excited
- Very excited



How to use it

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SSML tags

```
<amazon:domain name="news">{0}</amazon:domain>
```

```
<amazon:domain name="music">{0}</amazon:domain>
```

```
<amazon:emotion name="excited" intensity="medium|low|high">{0}</amazon:emotion>
```

```
<amazon:emotion name="disappointed" intensity="medium|low|high">{0}</amazon:emotion>
```

Demo

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Q&A

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aws training and certification

Thank you!

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