

Al Made Simple

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Amazon Al: New Deep Learning Services



Polly

Life-like Speech



Rekognition

Image Analysis



Lex

Conversational Engine



Amazon Al: New Deep Learning Services







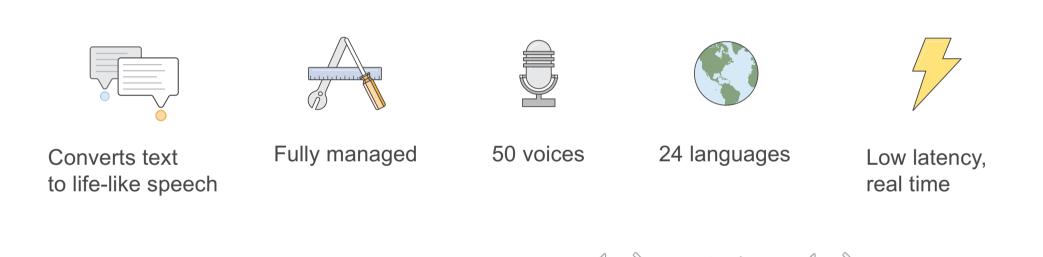


Life-like Speech





Polly: Life-like Speech Service







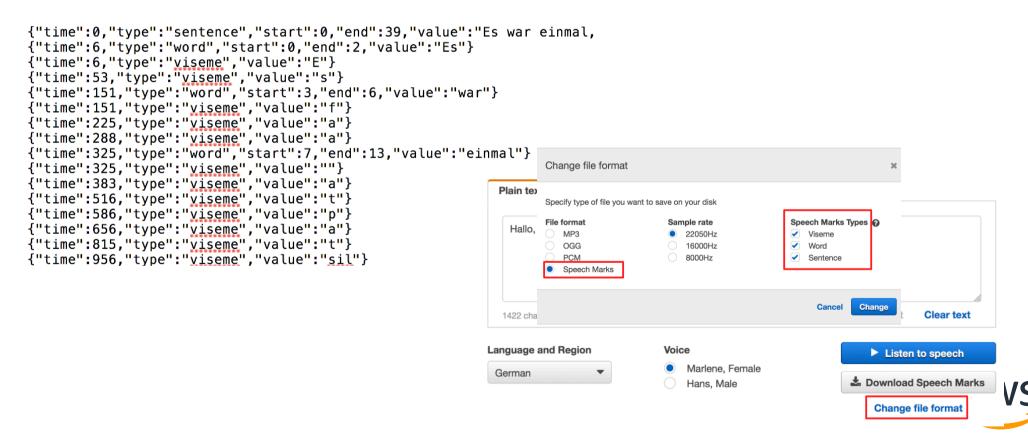
Text-to-Speech Pipeline



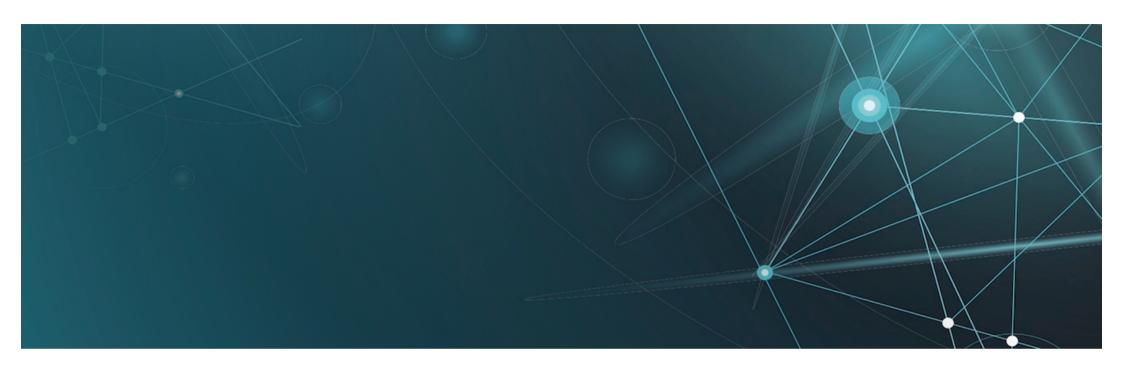


Speech Marks

Synchronize voice with visuals







Demo

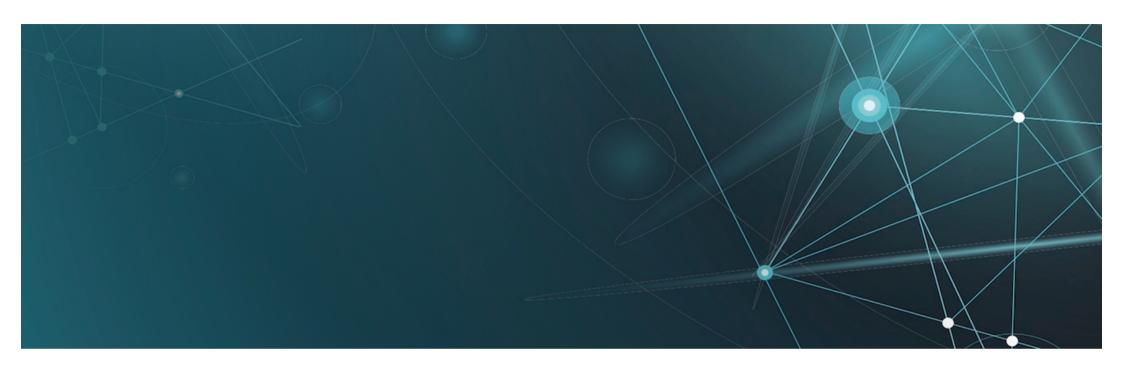
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Amazon Al: New Deep Learning Services







Demo

http://amzn.to/2zBzMhB



Amazon Al: New Deep Learning Services





Advent of Conversational Interactions



1st Gen:

Punch Cards & Memory Registers



2nd Gen:

Pointers & Sliders



3nd Gen:
Conversational Interfaces



Amazon Lex - Features



Text and speech language understanding: powered by the same technology as Alexa



Deployment to chat services



Designed for builders: efficient and intuitive tools to build conversations; scales automatically

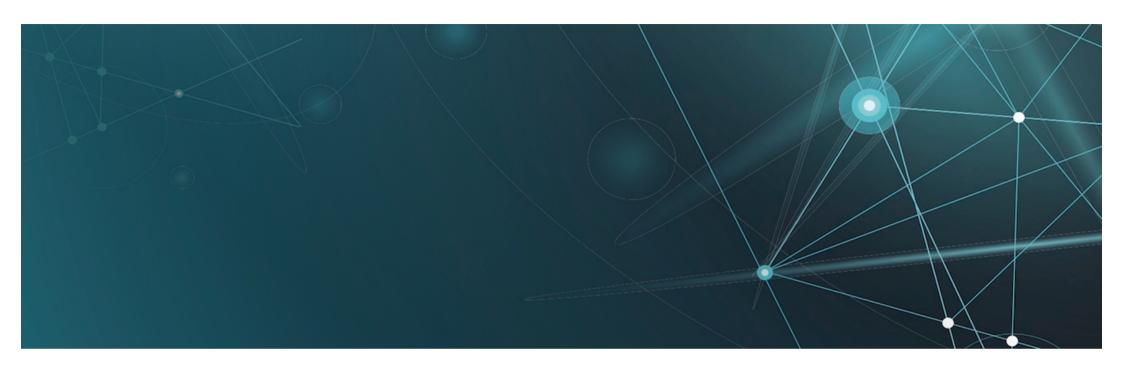


Versioning and alias support



Enterprise SaaS connectors: connect to enterprise systems



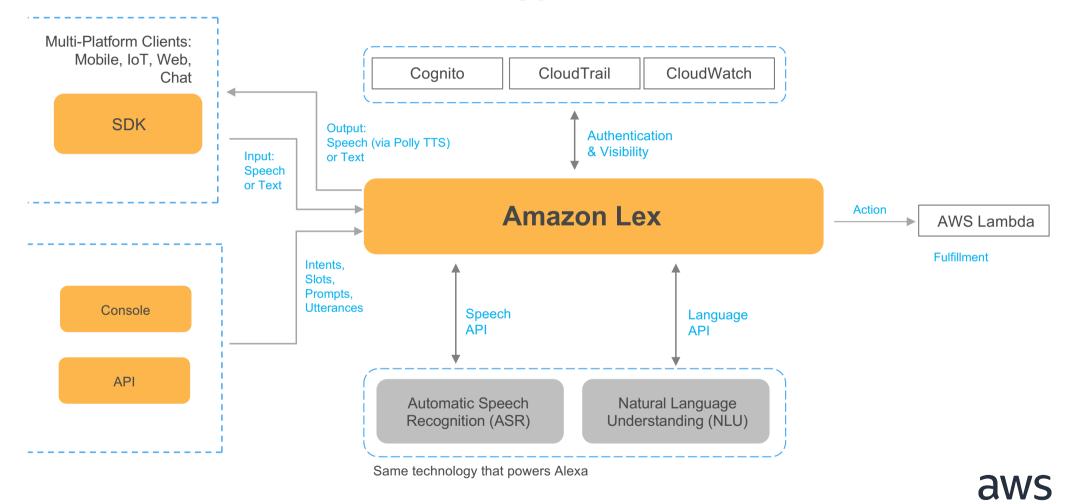


Demo

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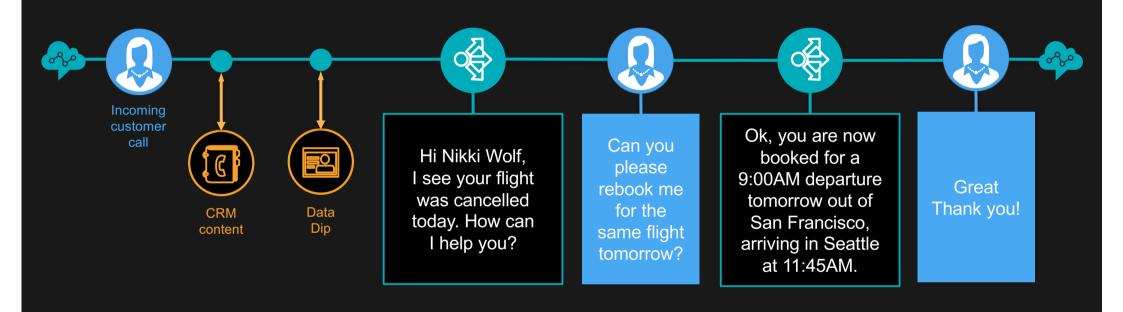
Amazon Lex - Technology



Contact Flow Engine – Customer Experience Example



Contact Flow Engine – Customer Experience Example



DYNAMIC

Answer customer questions before they are even asked

PERSONAL

Contact flows adapt on a per customer basis

NATURAL

Amazon Lex (in preview) the same technology that powers Alexa

Amazon Lex – Use Cases



Informational

Chatbots for everyday consumer requests



Application Bots

Build powerful interfaces to mobile applications



Enterprise Productivity Bots

Streamline enterprise work activities and improve efficiencies



Internet of Things (IoT) Bots

Enable conversational interfaces for device interactions

- News updates
- Weather information
- Game scores
- Book tickets
- Order food
- Manage bank accounts
- Check sales numbers
- Marketing performance
- Inventory status
 - Wearables
- Appliances
- Auto



Amazon Al Services



High quality, through best-in-class deep learning



Deep functionality



Easy to use & thoughtfully integrated



Built for production



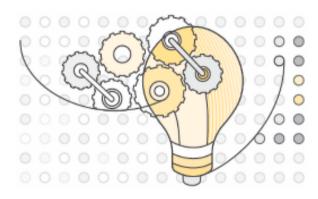
Low



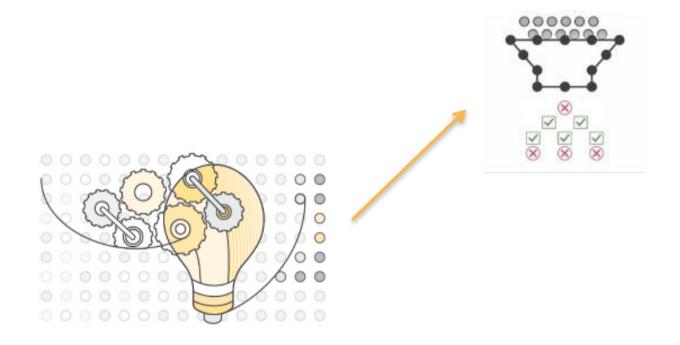


Amazon Machine Learning

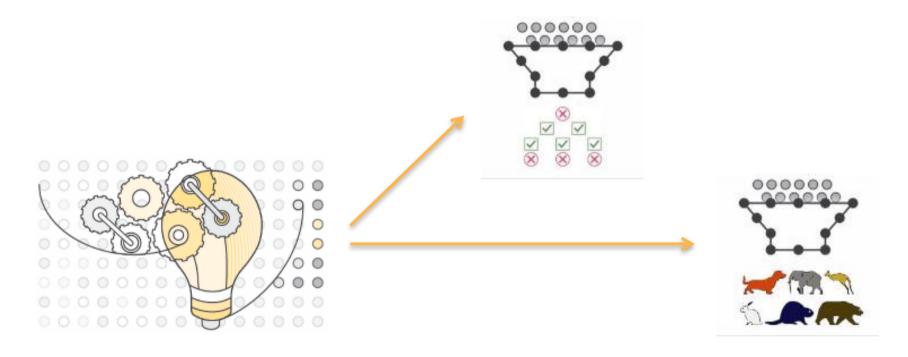




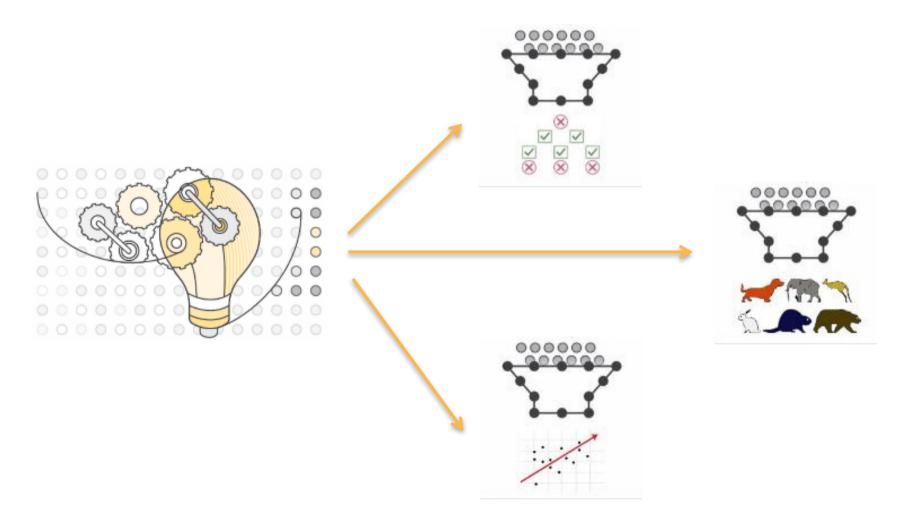




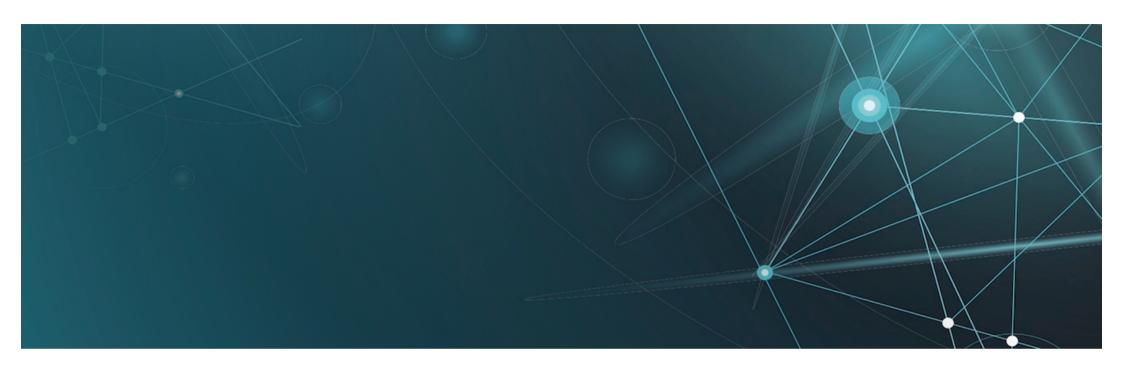












Demo

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Questions?

