

Integrating Amazon Translate



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Overview



Application development process

- Integrating Amazon Translate
- Application development tools

Demo - Translating text on demand with Amazon Translate

Amazon Polly and text to speech

Demo - Integrating Amazon Polly to perform multilingual speech

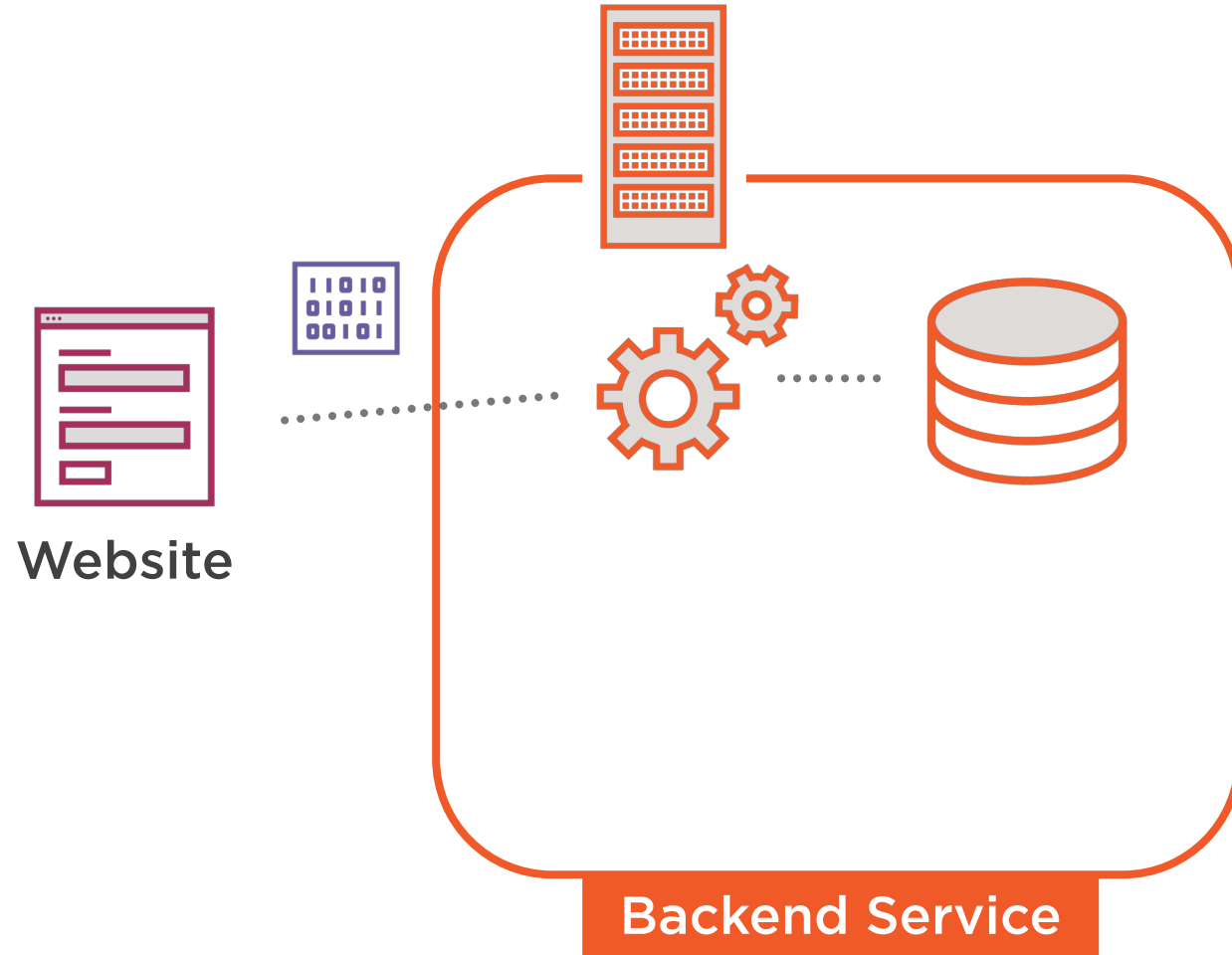
What's next?



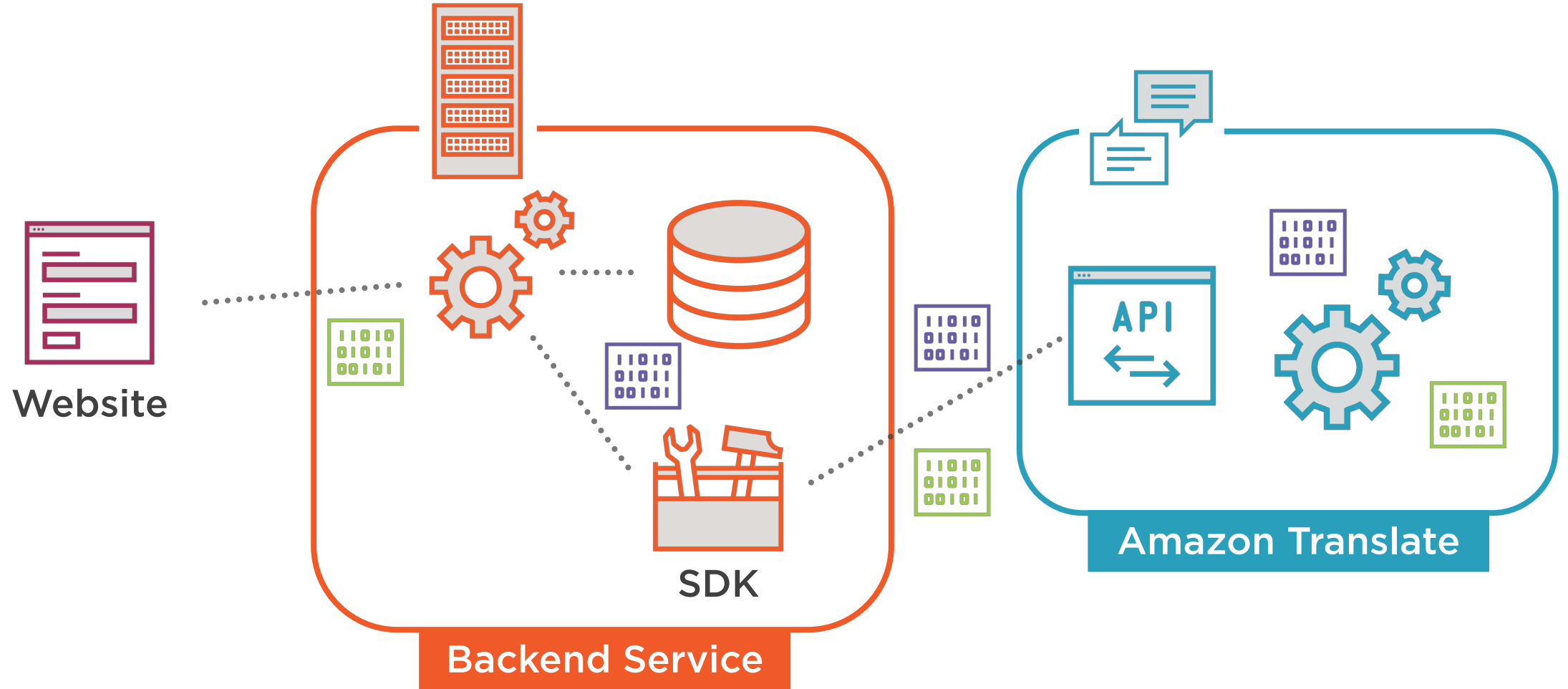
Application Development Process



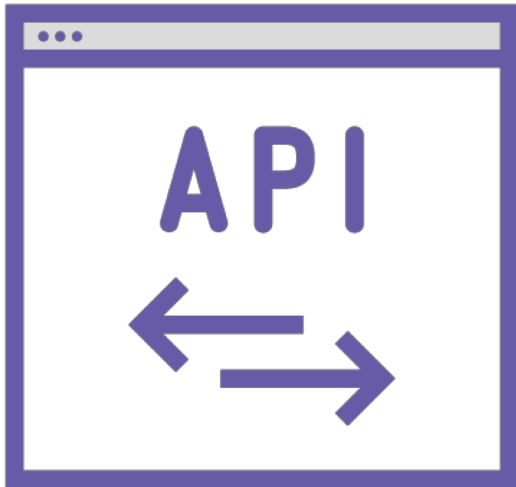
Application Development Process



Application Development Process



Application Development Tools



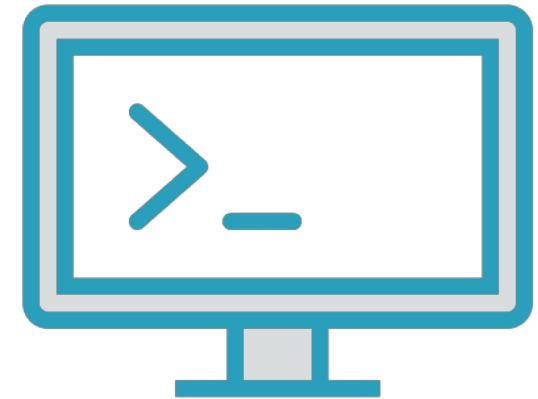
APIs

Low-level interactions
with AWS services



SDKs

Language-based
toolkits for developing
with AWS



CLI

Terminal-based
developer tools for
Bash, PowerShell, etc.



Demo



Translating text on demand with Amazon Translate

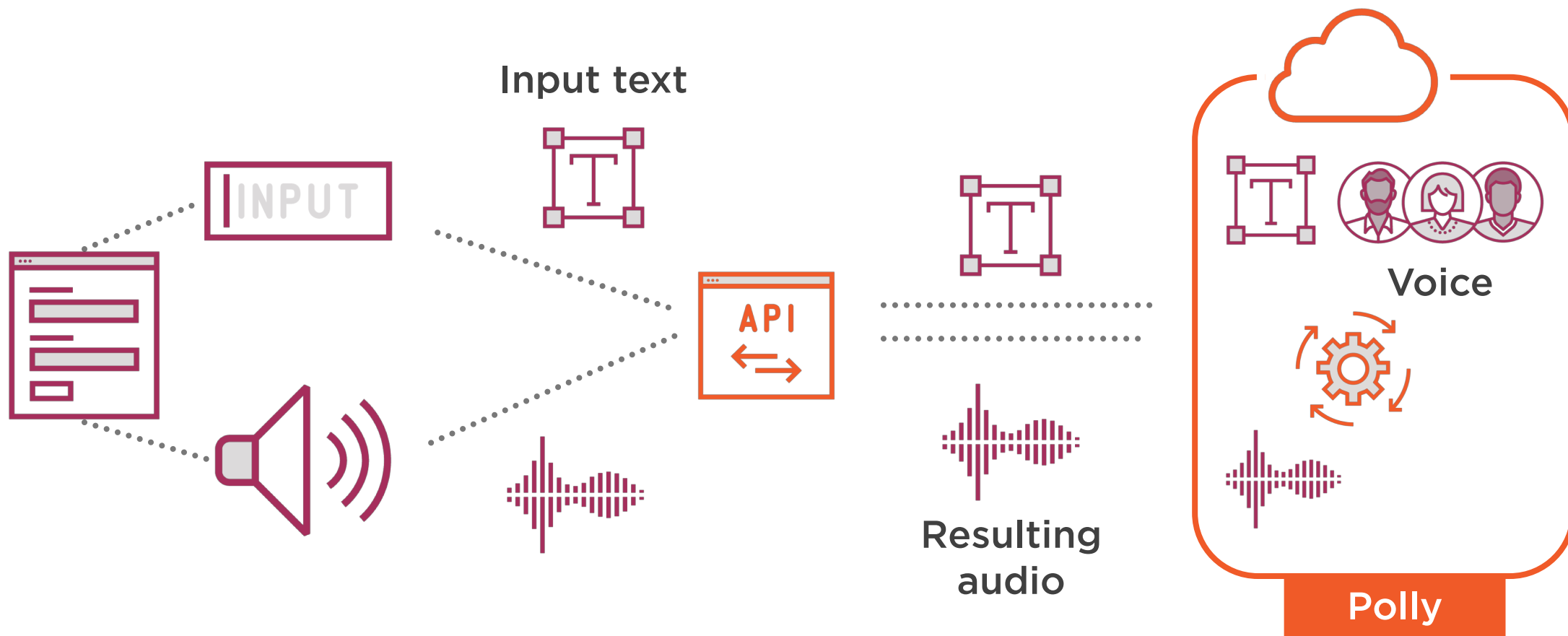
- Creating least-privileged credentials
- Editing and deploying a static site
- Using deployed site to translate text



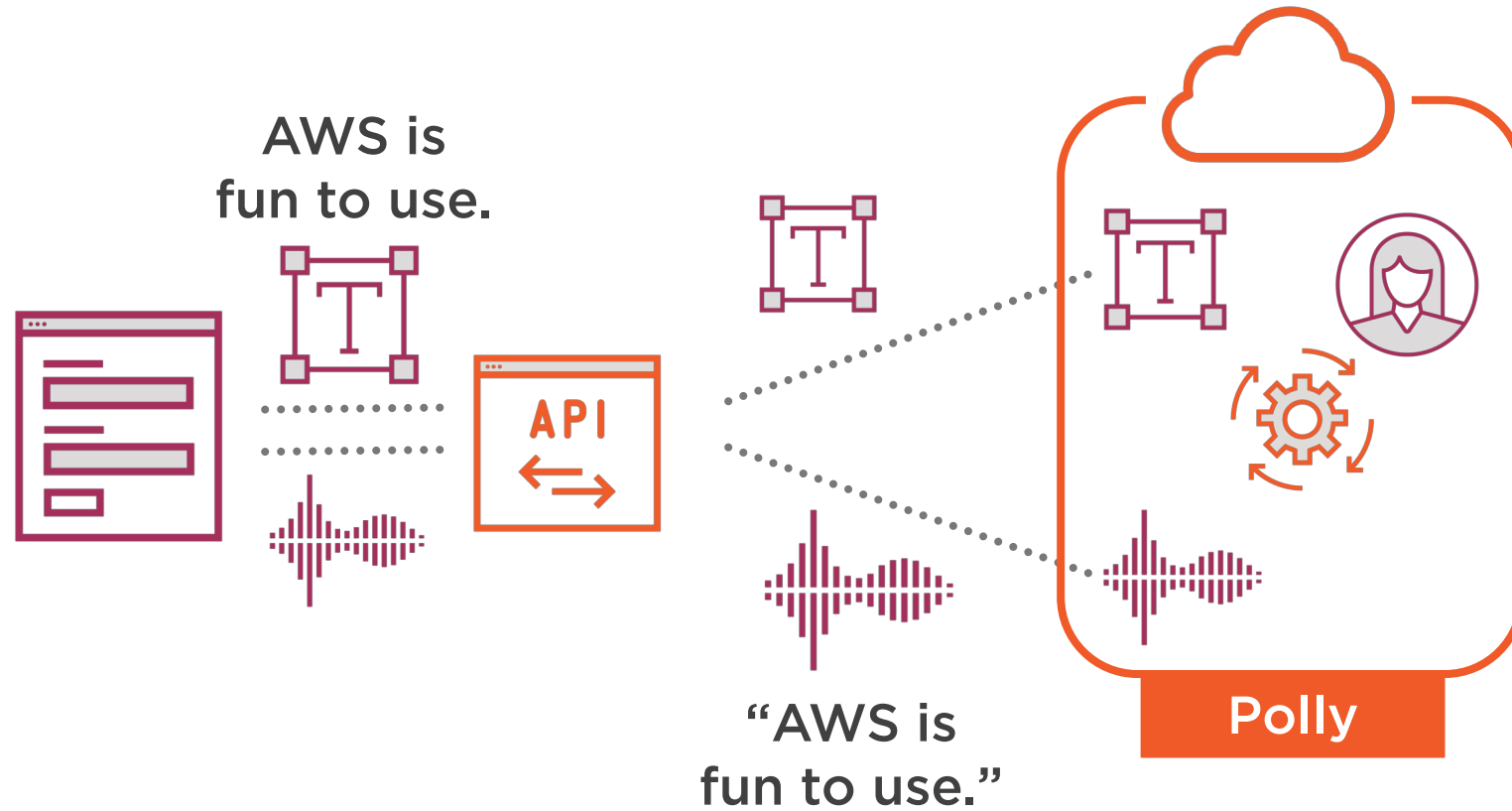
Amazon Polly and Text to Speech



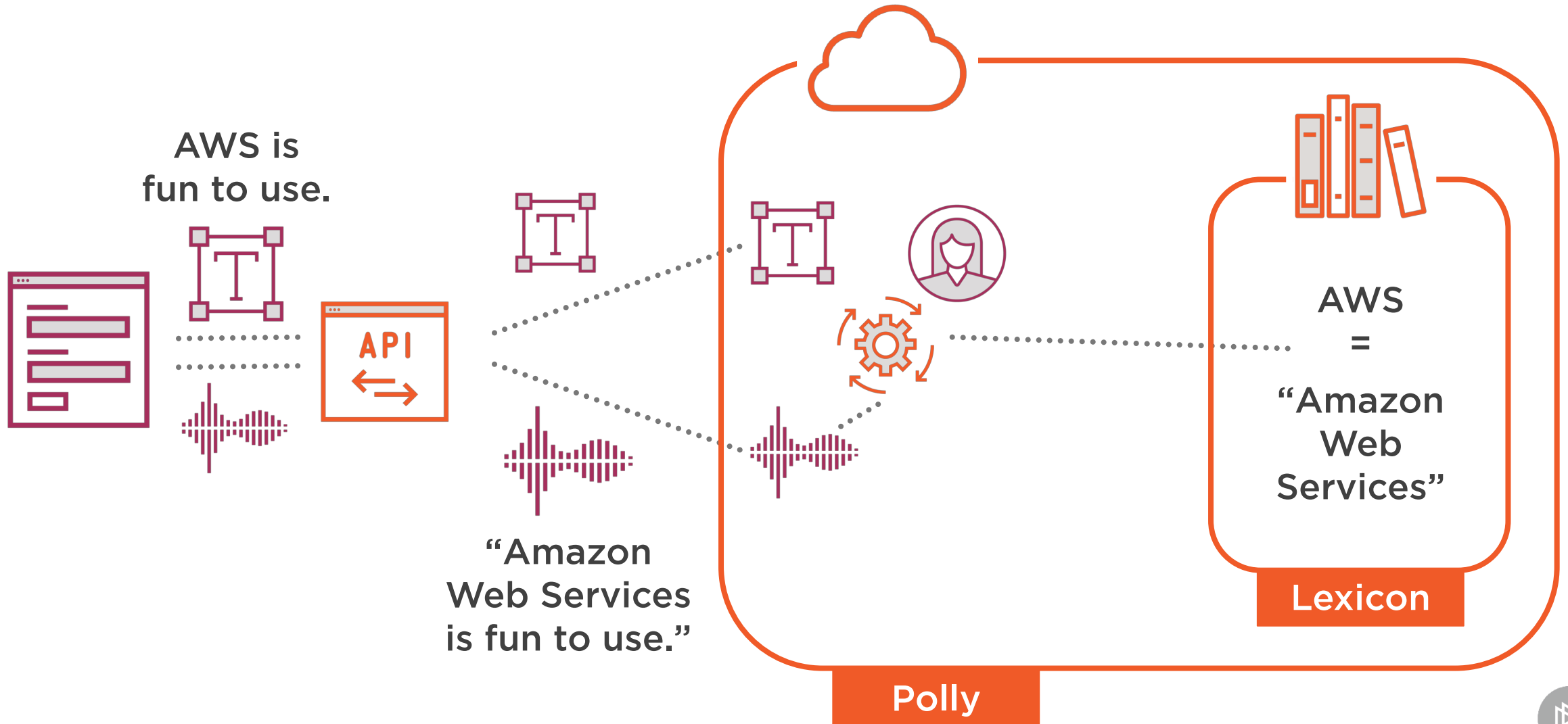
Polly Basics



Using Polly



Polly Lexicons



Demo



Integrating Amazon Polly to perform multilingual speech

- Modifying existing user permissions
- Updating static site with new code
- Testing audio translation capabilities



Summary



Application development process

- Learned about Amazon Polly
- Integrated Amazon Translate and Polly
- Used AWS development tools

What's next?

- Build an Amazon Translate application
- Learn more about AWS services
 - AWS Lambda (serverless compute)
 - AWS IoT (translations and speech)



Thank you!

