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# Amazon alexa developer guide



Amazon alexa app customer service. Amazon alexa setting up. Amazon alexa requirements.

Alternatively, you can develop your skills in any language and accept requests and send answers to the Alexa service. For more details, consult the tools to create and manage skills. The functionality you want to implement determines how your skills integrate with the Alexa service and which development code. The app displays a calendar and then wait for the user to select a date. For details, see monitor your qualifications and metrics. The skills are like Alexa app. All skills use natural and vocal interactions that adapt to the ways in which a user could express meaning through the speech. The user closes the app. When a user says that Wake Word, "Alexa" and speaks with an Alexa qualified device, the device transmits the speech to the Alexa service in the cloud. When a user invokes an Alexa Ability, your skill receives a post request containing a JSON body. For details on the certification and publication of your qualities, consult certify and publish your qualities. Request Alexa's answers, "Your booking from Seattle to Denver on Monday, on February 1st is all set". The app displays the result of the request. Alexa supports two types of vocal interaction models: pre-constructed vocal interaction model this model, asking defines the set of words that users say they invoke an skill. For details, consult the glossary. Ask provides the option hosted by Alexa for personalized skills to build, archive and host your skills and skills resources on AWS. Use this option to start developing the skills quickly. Tutorials and code samples ask include a complete set of technical documentation, tutorials and code samples to skip the skills development process. Follow the workflow of Alexa qualities to create your skills. The skills monitoring tools ask for tools to manage and monitor live skills, including the possibility of performing analyzes. To develop any type of Alexa skill, you need an Amazon developer account. Design your skills designs your Alexa qualification to be natural, focus on the user and e through complementary visual design. Your idea of skill could adapt to one of the pre-built vocal interaction models Alexa or your idea may require to design your personalized voice interaction model. A voice user interface is similar to a graphic user interface in a traditional app. This model determines how users communicate and control your skills. Voice interaction is often very short-term vocal interaction with an app. Users can use their voice to carry out daily activities such as checking the news, listening to music or playing. A user accesses the contents in a skill asking Alexa to invoke the qualification. Most of the types of skills that use the pre-built vocal interaction model must use AWS Lambda. Each Alexa skill has a vocal interaction model that defines the words and phrases that users can say to make the skill of cie they want. Help yourself with the certification of skills before being able to publish your skills for public use, your skills must pass the certification tests. Before publishing your skills, you have the opportunity to make your skills available for a limited group of testers for the beta test. Before sending your qualification for certification, follow the advice in the test guides for your type of skill. For example, users can ask Alexa to turn on the lights or change the thermostat. Ask provides guidelines and tools to certify and publish skills. With an interactive vocal interface, Alexa offers users a way free to interact with your skill. These libraries, tools and training materials can help you successfully develop and publish an Alexa skill. Monitor your skills and metrics after publishing your skills, you can Your live qualification for use, make analysis and view payments and earnings in the developer console. How does a user interact with a skill? You need an AWS account in addition to your Amazon Developer account. What's in ask? If you implement purchases in the middle, you can view and manage your payments payments earnings. Users can also use their own item to control the devices connected to the cloud. Personalized vocal interaction model - The personalized model offers you maximum flexibility, but it is the most complex. How does a compliance content of access to the user? Test tools ask for tools to test your skills. Workflow for the development of skills after knowing what type of qualification you want to develop, familiarize yourself with the terminology of the development of Alexa's skills. With the personalized model, it is generally necessary to define every way in which a user could communicate the same request to your skill. Certify and publish your skills before you can publish your skills in the Amazon Alexa skill shop, Amazon must certify the qualification to make sure that it meets the quality, security and policy guidelines. What types of qualities can you develop? The user runs through the list of airports to find Seattle, then flows to find Denver. Alexa communicates with your skill using a response-response mechanism on the HTTPS interface. An appropriate development environment for the programming language that you plan to use to codify your skills. The following diagram shows the processing flow activated by the item to invoke a skill with the Alexa service. Another option is to provide your back-end resources on AWS. For details on the tests, consult your skill test. The Alexa Skill Simulator, the Alexa app and the command line interface (CLI) are available to test the interactions of the logic and voice of your skills. You can host your skill as AWS Lambda function using your AWS personal resources. The Alexa Skills (Ask) kit is a software development framework that allows you to create content, called skills. Your skills on Amazon Web Services (AWS) Lambda using your AWS personal resources. These SDK are available in Node.js, Java and Python. If you want to integrate Alexa directly into your product, consider Alexa Voice Service (AVS). Projects the entire vocal interaction. The user click on a button A A The request and therefore awaits confirmation. If you choose the skill option hosted by Alexa, write your code in Node.js and Python. It is possible to authorize a web service in any language appropriate to web services. For example, "Alexa, plan a trip from Seattle to Denver", "Alexa, I want to take a trip to Denver da Seattle" and "Alexa, plan a trip to Denver". With both types of vocal interaction model, develop your skill to receive voice requests, process the request and respond appropriately. In addition to the vocal interaction, skills could include complementary visual elements and touch interactions. Provide necessary information "FIRST FEBRUARY" User Responses. The qualification makes the reservation and awaits confirmation. Test your skills development, you can test your skills without a device using the Alexa simulator in the developer console or in the Visual Studio code. For details on the development of skills for each model, consult Create your skill. If you want Alexa to check your device, but you don't want to develop a skill, consider the Alexa Connect (ACK) kit. To build a skill using one of the pre-built vocal interaction models, the following resources are needed: an endpoint accessible from the Internet to host your cloud based on cloud. You can develop game skills, music skills, intelligent home skills and many other types of skills. Action Voice user interface typical user interface make a request that the user says: "Alexa, I want to fly to Denver from Seattle." The user click on the app, then select the airports of origin and destination. Ask software development kits (SDK) include development tools and bookcases that give you access to the Alexa functionalities. The user opens the calendar, select on February 1st and then chooses OK. Distribute and manage Alexa enabled devices on a large scale, on properties such as hotels, apartments and senior life, considers Alexa Smart Properties. The following table compares an skill of the voice vocal user interface A graphic user interface app to make aerial reservations. Collect more information from the user Alexa replies: "When would you like to travel?" And then wait for an answer. When a user asks questions and makes requests, Alexa uses the interaction model to interpret and translate words into a specific request to the identified skill. The design techniques for personalized skills ask include a Alexa design guide for the best practices to follow when designing a personalized voice interaction model, designs the purchase flow for the purchase of qualification and add visual elements to your skill. To create a skill with a personalized voice interaction model, it is necessary: an endpoint accessible from the Internet to host your cloud-based service. For details on the design design, consult your skill design. The skills are available on authorized devices Alexa, such as Amazon Echo and Amazon Fire TV, and on authorized devices Alexa built by other producers. Ask for bees, tools, code samples and technical documentation to create and manage skills during their life cycle. For a complete list, consult the index of types of skills. Ask also provides a library of integrated intent for common expressions. Alexa recognizes the discussion, determines that the user wants and therefore sends a request to invoke the qualification that can satisfy the request. The body of the request contains the necessary parameters that the skill includes the request, performs its logic and therefore generates an answer. You can design and test your personalized voice interaction model before developing your personalized skill. Alexa is always ready to invoke new skills. You can use an existing Amazon account to access or you can create a new account Developer. The Alexa service manages vocal recognition and processing of natural language. If you find problems with your live skill, you can rollback on a previous live version. You can authorize a Lambda function in Node.js, Java, Python, C#, Go, Ruby or Powershell. Build your yours Build an skill that can accept requests from the Alexa service and send the appropriate answers based on the type of qualification and the voice interaction model. Instead of clicking on the buttons and selecting the options from the dialog boxes, users make their requests and answer questions per voice. For example, a user can say "Alexa, turn on the light". Or "Alexa, turn off the television." Simply define your skill of accepting these default requests. For connections to these resources, see Create your skills/additional resources. Or, you can create and host your personalized skill as a HTTPS web service. Development software and tools ask offers several options to support the development cycle of development, including the Alexa developer console, the Alexa extension for the Visual Studio Code and the CLI Interface (CLI). Your skill works as a service on a cloud platform. It is also possible to solve the vocal recognition and processing of natural language using the evaluation tools included with the developer console Alexa. For more details, consult the vocal interaction models. Models.

