Amazon Products

* **Alexa Skills Kit** - develop your own apps (games, smart home, make a payment, play my music, etc.). ASK is a combination of an interaction model (VUI - speech processing to determine the request) and application logic which acts on the request (you provide the logic as a back-end cloud service hosted by Alexa, AWS, or another server; lambda f(x) can act as a back-end). Python, Java, Nodes.js SDKs that are **request / intent** handlers, **exception** handlers (if no event), **attributes** (keep track of past events saving info on S3) - a text to speech, audio / video stream, card or another **response** is sent back to the user. What you can do: purpose-built APIs and interaction models for common use cases like smart home, or use the custom skill type to build any personalized experience you can imagine (brand-specific voice strategies, link customer accounts, sell goods and services, many more) through **Application APIs**, **SDK**, ASK **developer console** or command line interface (**CLI**), **Analytics** (logs) to understand what is working well.  
  Utterance, situation response, prompt  
  **Slot** approach - slots for intent can be TRAVEL\_DATE, CITY\_TO, CITY\_FROM etc.
* **Alexa Voice Services**: access cloud-based Alexa capabilities with the support of AVS APIs, hardware kits, software tools, and documentation. We simplify building voice-forward devices with **Alexa built-in** by handling complex speech recognition and natural language understanding in the cloud, reducing your development costs and accelerating your time to market. C++ SDK
* Amazon **Echo** (3rd Gen, has new premium speakers).
* **Echo Dot** (small cylinder - voice-controlled speaker that uses Alexa to play music, control smart home devices, make calls, answer questions, set timers and alarms, and more).
* **Echo Tap** (tall cylinder, tap & ask, Alexa-enabled blue-tooth speaker).
* Amazon **Fire TV**, **Echo Show** (vides device that is coupled with Alexa and shows TV, recipes, calls people, shows in-house cameras, etc.).