



Conversational AI with Alexa v2: Testing Skills

In this sheet, we're going to test your Alexa skill by communicating with Alexa, which can be completed using any of the following:

- A. **Alexa Device** (like an Echo Dot)
- B. **Alexa App** (Alexa on a mobile device)
- C. **Browser-based Alexa Simulator in MIT App Inventor** (Alexa on App Inventor)
- D. **Alexa developer console** (Alexa on a computer)

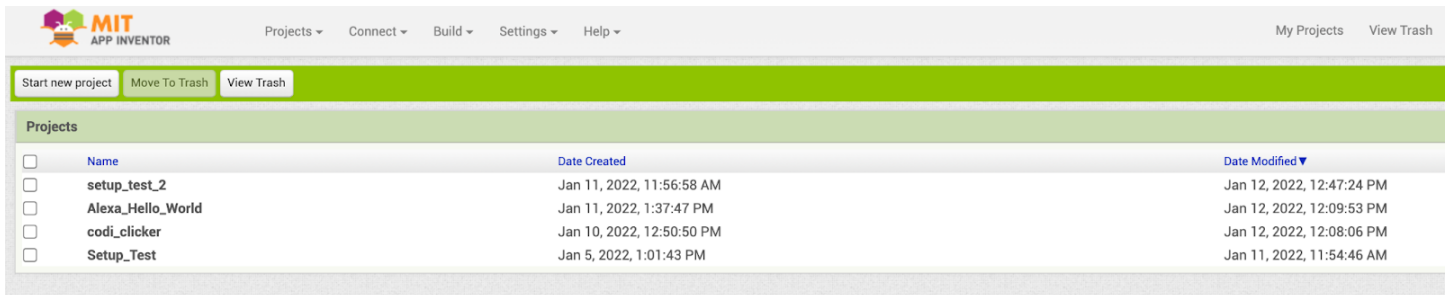
Requirements for Testing

1. In order to test, you must have a skill already developed on App Inventor. You can follow any of the tutorials listed below to create one:
 - a. [Hello World](#)
 - b. [My Calculator](#)

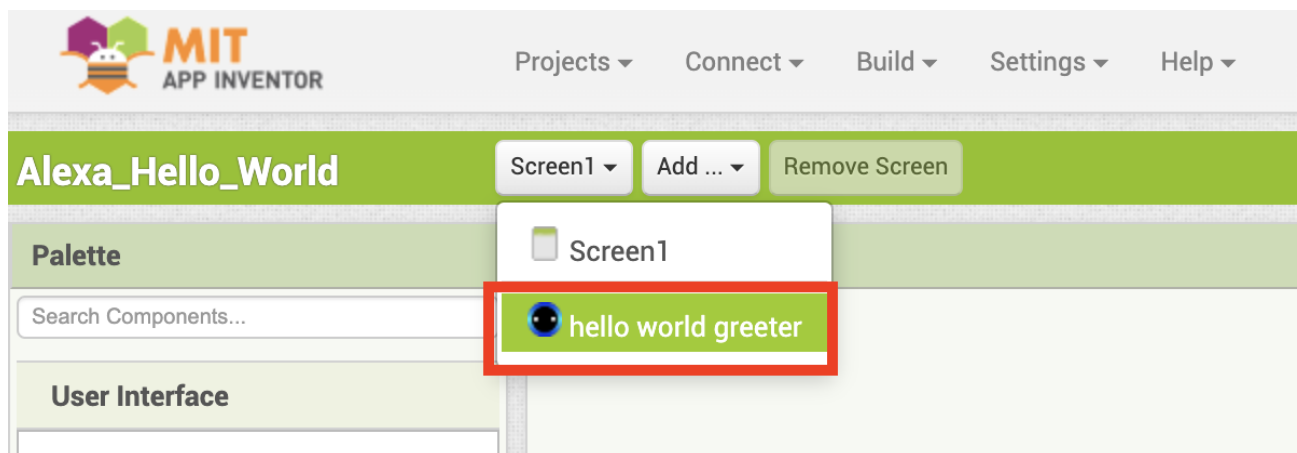


Testing your Skill

1. Go to the <https://alexa.appinventor.mit.edu> website, and if you are not at the testing page, open your project with the Alexa skill you want to test. For this demonstration, we will use the project “Alexa_Hello_World”

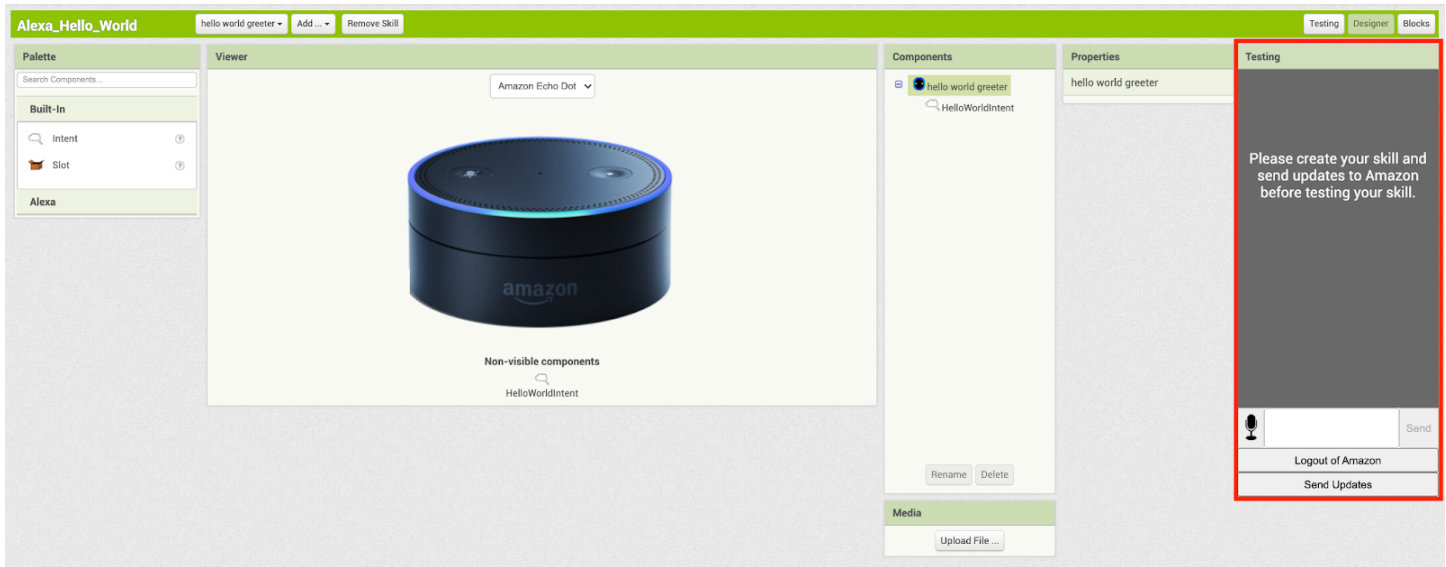


2. In the Designer Toolbar at the top of the screen, you will see a dropdown button labeled “Screen1”. Press it, and within it, select your skill that you created. In this example, we select the “hello world greeter” skill.

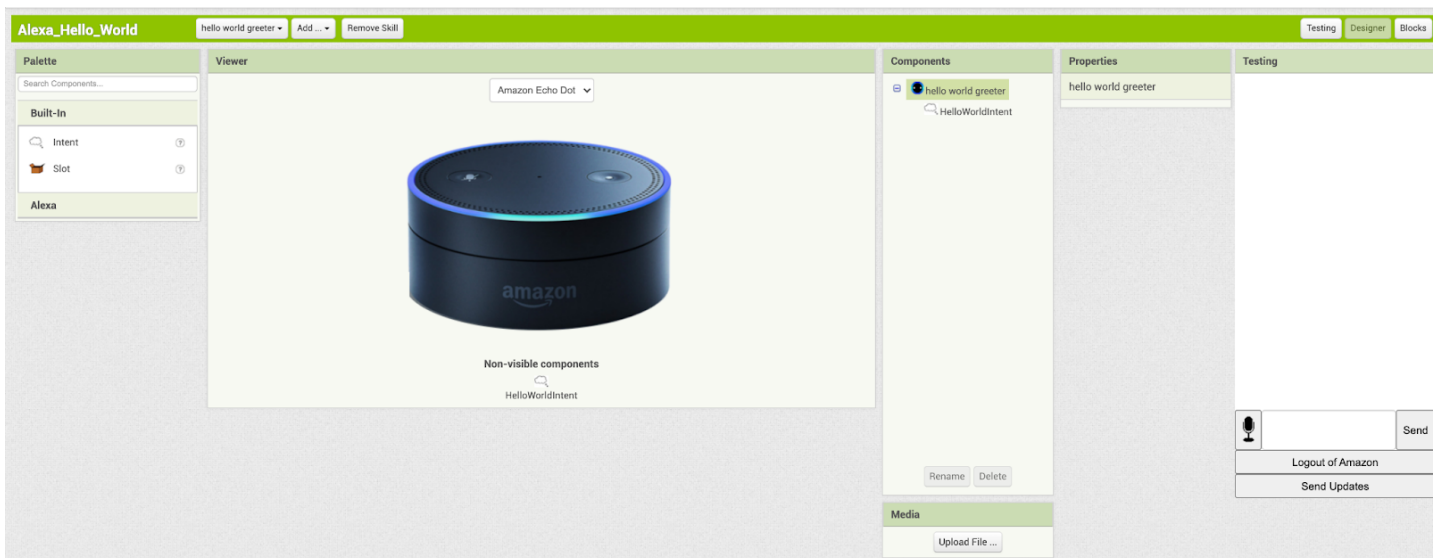




- You should see a screen like below, with a “Testing” box on the right-hand side. At the bottom of the “Testing” box, if you are signed in, there should be a **“Send Updates”** button. Press it to send your skill to Amazon.



- Wait a few minutes until the “Testing” box turns white and finishes sending the skill to Amazon.





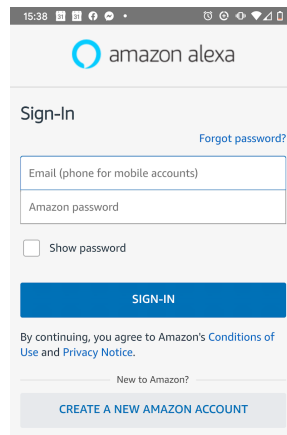
a. Testing on an Alexa Device

1. If you have an Alexa device, complete the [Alexa setup instructions](#).
2. Say, “Alexa, open **<Invocation Name>**”.
3. Say your command, in this structure: “*Alexa, tell <Invocation Name> to <Utterance>*”
4. Your device should respond appropriately to how you programmed it.



b. Testing on the Alexa App

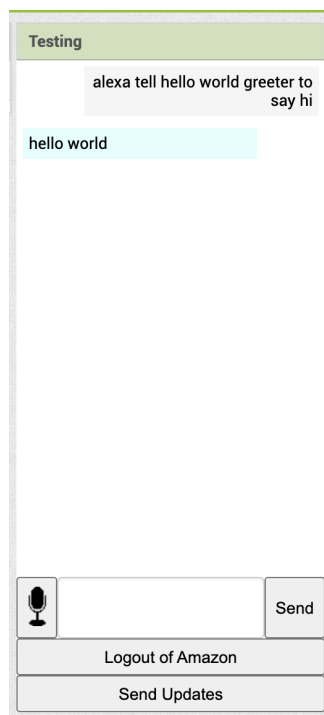
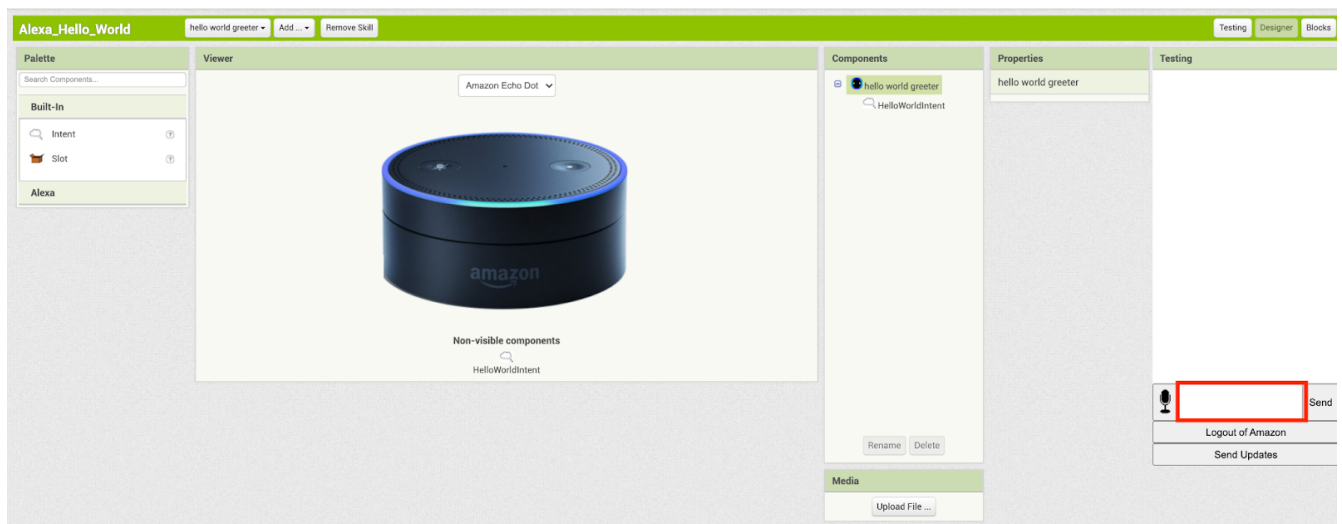
1. If you don't have an Alexa device, but you have a smartphone or tablet (iOS or Android), you can test using the Alexa app. You can download the Alexa app on the [Google Play Store](#) or the [iOS App Store](#) depending on your device.
2. Sign into your Alexa app using your **Alexa Developer Account**.



3. Say, “Alexa, open **< invocation name >**”.
4. Say your command, in this structure: *“Alexa, tell / ask **<Invocation Name>** to **<utterance>**”*
5. Your device should respond appropriately to how you programmed it.

c. Testing with a Browser-based Alexa Simulator in MIT App Inventor

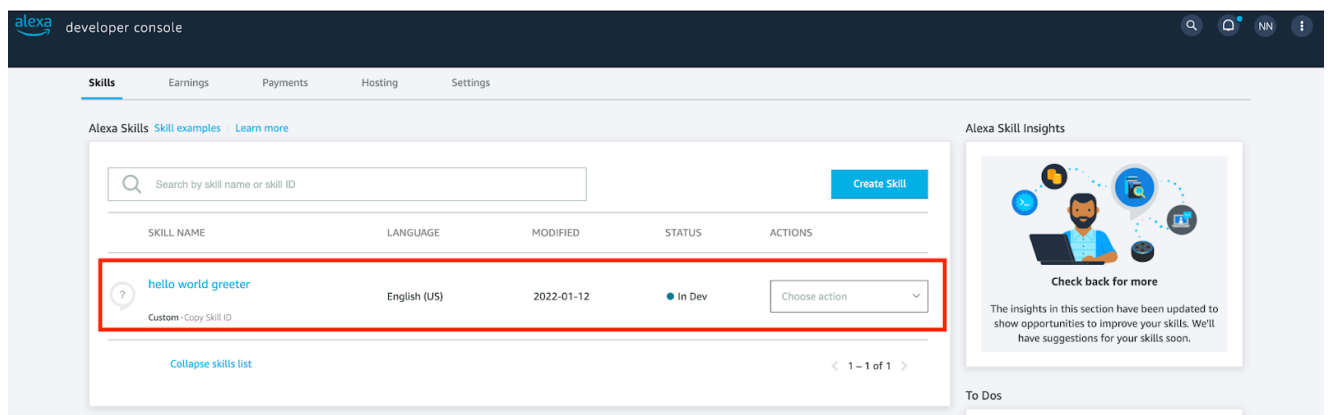
1. In the “Testing” box textbox at the bottom, write your command in this structure: *“Alexa, tell / ask <Invocation Name> to <utterance>”*. In this demonstration we wrote *“Alexa, tell hello world greeter to say hi”*



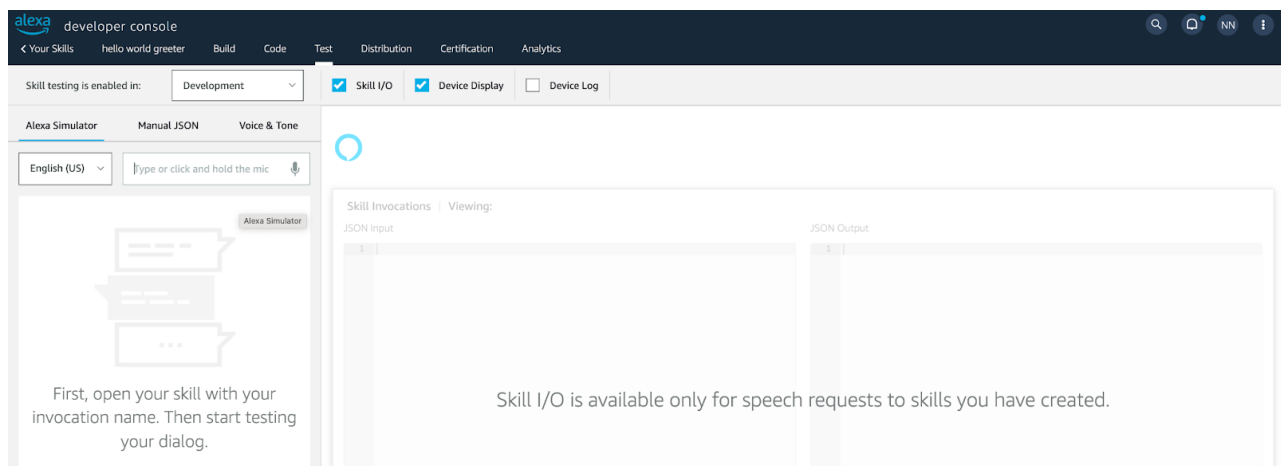
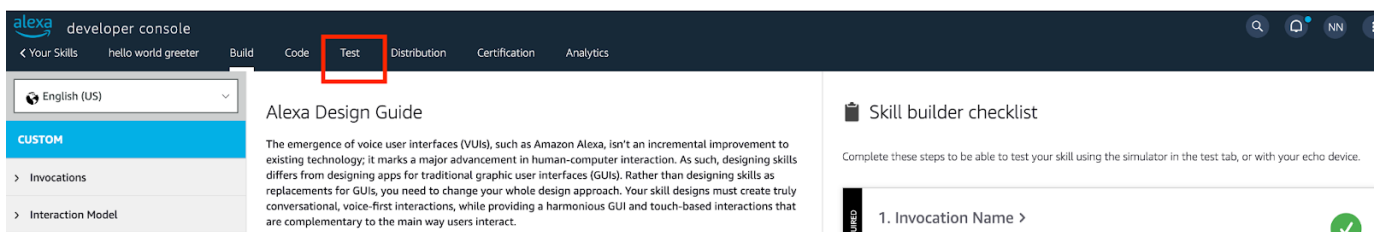


d. Testing on the Developer Console

1. Go to <https://developer.amazon.com/alexa/console/ask> and sign in with your **Alexa Developer account**. Once logged in, you should see your skill's Invocation name on the home page. In this demonstration, our skill is *"hello world greeter"*. Press on the blue title of your skill.

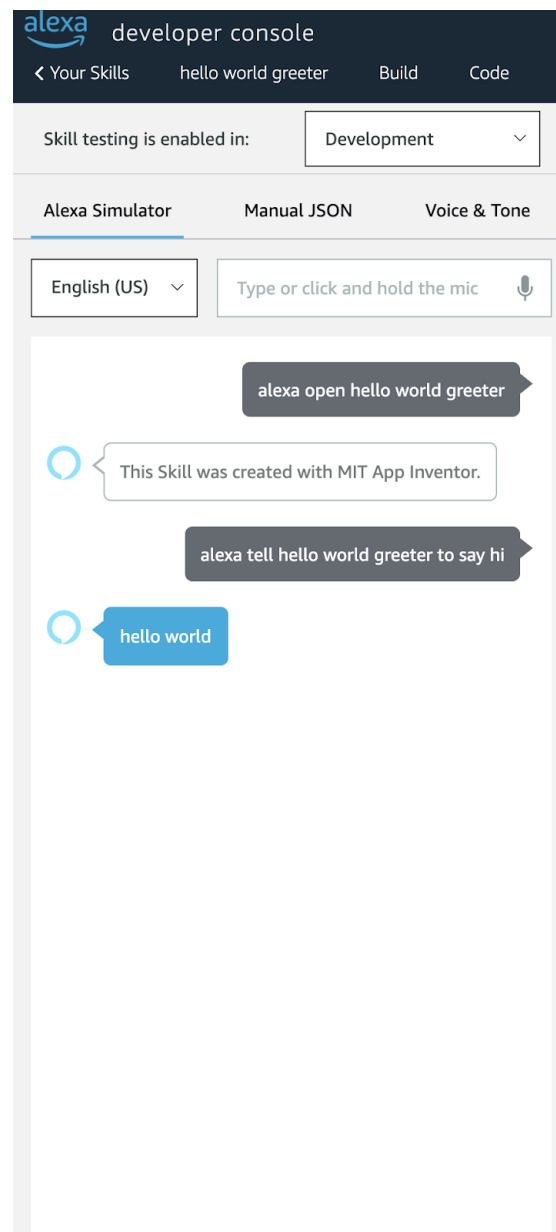
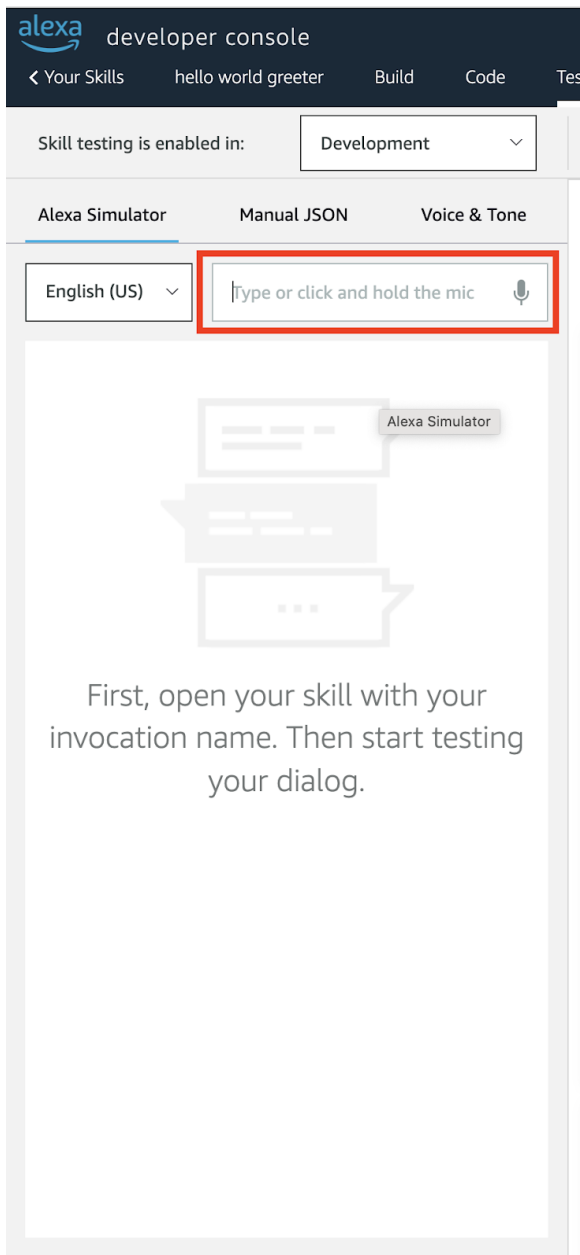


2. In the navigation bar at the top, press on the "Test" tab. You should now be on the page below.





3. In the leftmost box, write “*Alexa, open < invocation name >*”. For this demonstration, we will say “*Alexa, open hello world greeter.*”
4. After, write your command, in this structure: “*Alexa, tell <Invocation Name> to <utterance>*”.
5. Your device should respond appropriately to how you programmed it.





Congratulations!

You now know multiple ways to test your skills! Feel free to explore more of each one, and choose the one that is best for you.