# Alexa Testing Guide

## Important Notes

Automated voice testing is a custom-made support done through the C# harness. It’s not a built-in features of TestArchitect.

## Configure TestArchitect

* TestArchitect needs to be up and running in a Windows box.
* Be sure to have Microsoft .Net 4.5 installed
* After decompressing the file *voice.zip,* copy file ***TestAchitect.Harness.Bundle.Voice.dll*** to {INSTALL\_DIR}\harness samples\csharp\executables\bundles



* Right click on dll file, and select “unblock”:



## Make Sure Alexa is ready

We’re going to ask Alexa to solve a very complex math problem “Alexa, what is 5 times 2” and Alexa should better say “5 multiplied by 2 is 10”

## Test Drive

1. Create a [repository](file:///C%3A%5CUsers%5Cdo.nguyen.STI2K%5CAppData%5CLocal%5CMicrosoft%5CWindows%5CINetCache%5CContent.Outlook%5CMQPFW6JW%5CLGVN%20Master%20Org%20Chart%2010Oct2017.vsdxhttps%3A%5Cwww.testarchitect.com%5COnlineHelp%5C#TA_Help/Topics/Repository_creating.html), then a [project](https://www.testarchitect.com/OnlineHelp/#TA_Help/Topics/Projects_and_project_items_create_project.html) and finally a [test module](https://www.testarchitect.com/OnlineHelp/#TA_Help/Topics/Create_test_module.html)
2. From the test editor, enter these action lines:



(Don’t worry as you see actions ‘start convo’ and ‘end convo’ are marked with red color)

1. Click on  button to open the Execution Dialog. On that dialog, click on Automation Tools, then select ‘TestArchitect CSharp Harness’ from the Playback Tool dropdown list



1. Press F9 to execute test. The test should pass:



1. Click on ‘View detailed results per test line’, the HTML report should look like this:



That’s it!