

AllJoyn Explorer

Setup Guide

The AllJoyn Explorer is a Windows universal Application to interact with AllJoyn devices on the proximity network. Developers can list all available AllJoyn devices, inspect their interface and object structure, as well as receive signals, set and get properties, and call methods.

This document describes the setup of the AllJoyn Explorer (AJX) on a Windows 10 machine.

Prerequisites

1. Windows 10 machine.
Don't have Windows 10 yet? Get the Windows 10 Preview build from [here](#).
2. Microsoft Account (hotmail.com, live.com, outlook.com). Don't have an account? Create one [here](#).
3. AllJoyn Explorer Installation files.

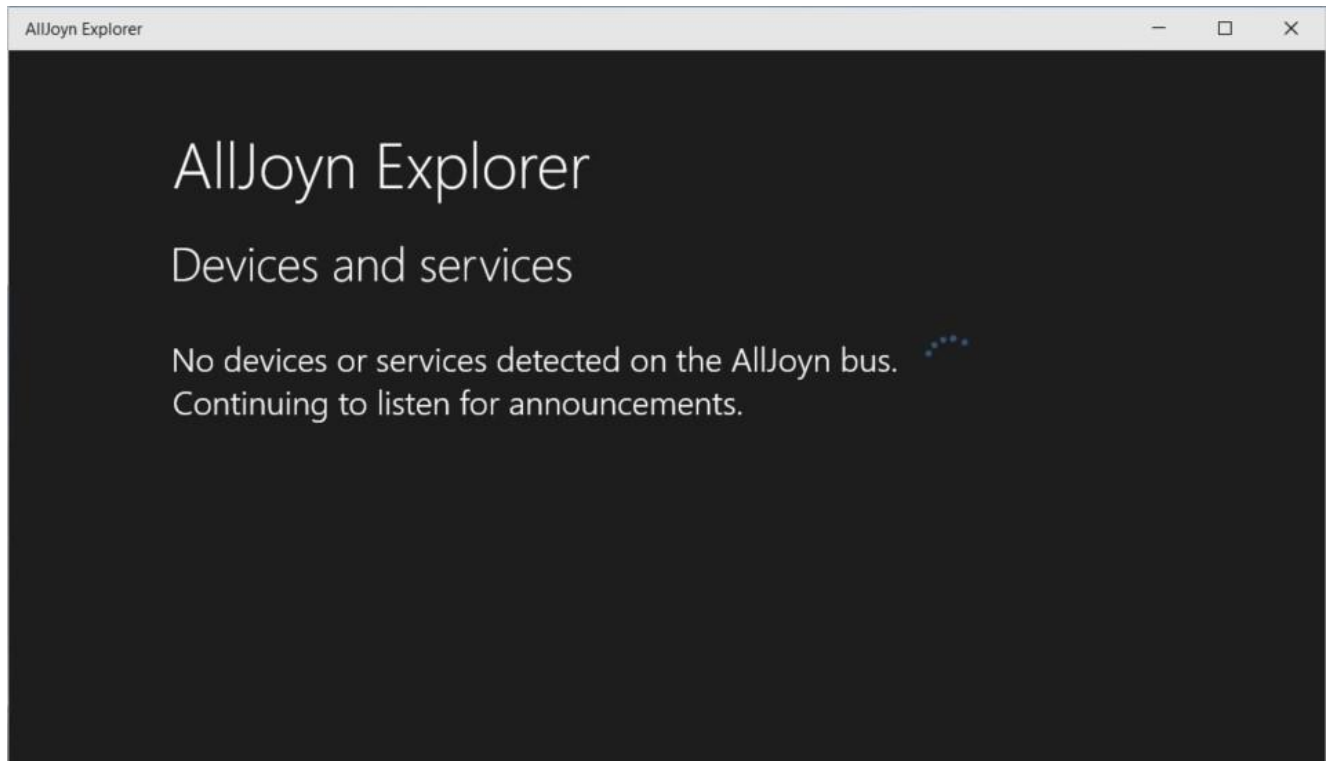
Setup

These steps will setup the AllJoyn Explorer on your machine.

1. Select the Installation package that applies to your processor architecture (ARM, x86 or x64).
2. Run the Add-AppDevPackage.ps1 PowerShell script as an Administrator:
 - a. Right-click **Start** and then click **Command Prompt (Admin)**.
 - b. Type **powershell** <Enter>.
 - c. Navigate to the folder that contains the AllJoyn Explorer installation files for your processor architecture:
Set-Location "your_download_folder"
* The **cd** or **chdir** command aliases can be used in place of Set-Location.
* Using the <Tab> key in succession will auto-suggest folder names to help you navigate to the folder.
 - d. Type **Set-ExecutionPolicy Bypass** <Enter>. This will make sure the PowerShell script in the next step can be executed.
 - e. Type **Add-AppDevPackage.ps1** <enter> to run the installation script.
3. When the installation was successful the script will finish with:
Success: Your app was successfully installed.
4. Close the console windows:
Type **exit** <enter>, **exit** <enter>.

Start the AllJoyn Explorer

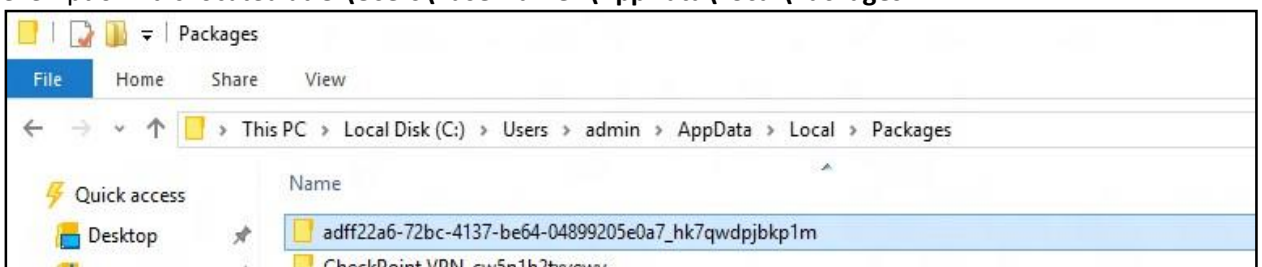
You can start the AllJoyn Explorer by pressing **Windows-key + S** and typing **AllJoyn Explorer** <Enter>. If no AllJoyn devices are found on your local subnet you will see the picture below, until one or more devices are found.



Troubleshooting

In Windows 10, when a machine has multiple AllJoyn modern applications that need to interact on the same machine (including AllJoyn Explorer), the user must add a **loopback exemption** for the AllJoyn Explorer and the other AllJoyn modern applications. Please follow the steps given below to enable loopback exemption for modern applications:

1. Find the installation folder of the modern application for which you want to enable the loopback exemption. It is located at **C:\Users\<username>\AppData\Local\Packages**



2. Copy the **installation folder name** which is also the **application ID**.
3. Run the following command from an elevated command prompt:
CheckNetIsolation LoopbackExempt -a -n=<installation-folder-name>
4. You may need to reboot.