

This is an instruction document that guides you on **how to import your app into oculus quest.**

## Preparation:

1. A windows/ mac system computer
2. An initialized Oculus Quest/ Oculus Quest 2 device  
(log in and configure the room)
3. A Facebook/ Oculus account
4. An Oculus mobile app on your smartphone

## Enable Developer Mode

In order to upload our own apps to oculus, you need to enable the developer mode on your oculus devices first.

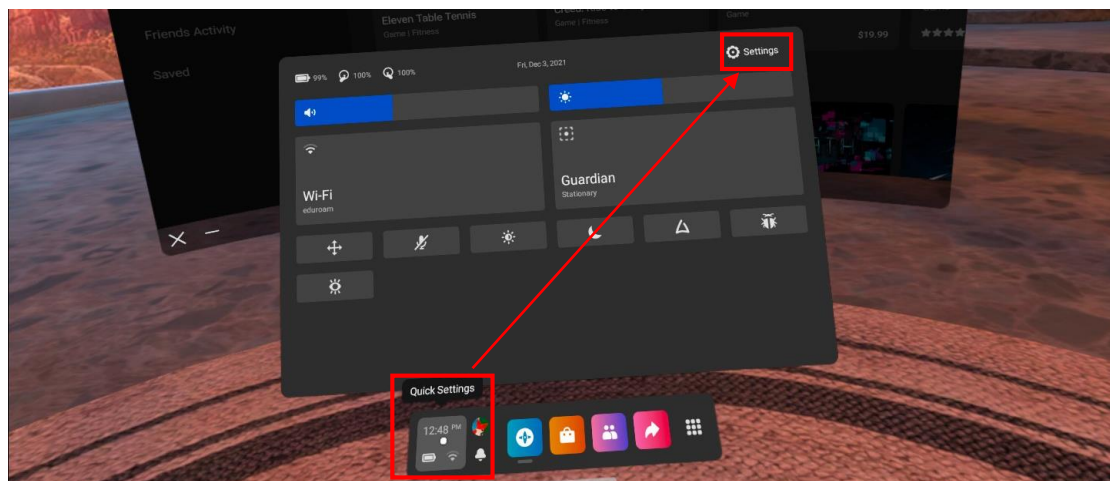
The **oculus developer website** gives details on how to do this, you can refer to this link <https://developer.oculus.com/documentation/native/android/mobile-device-setup/>

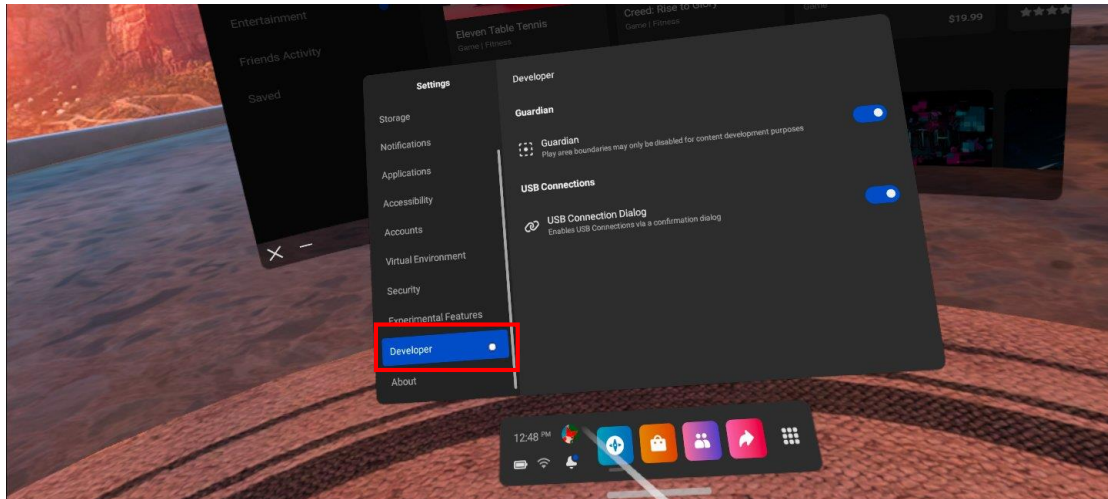
You will need to follow the process to **complete the following sections**.

1. [Joining or Creating an Organization](#)
2. [Verify Your Account](#)
3. [Enable Developer Mode](#)

You if you encounter “**ADB missing**” throughout the whole process and other related problems, please refer to [Install the Oculus ADB Drivers \(Windows only\)](#).

After all is done, developer mode should be enabled. You can confirm this by checking for the **Developer** category in the Quest's **Settings** menu as seen below.





## Download Oculus Developer Hub (ODH)

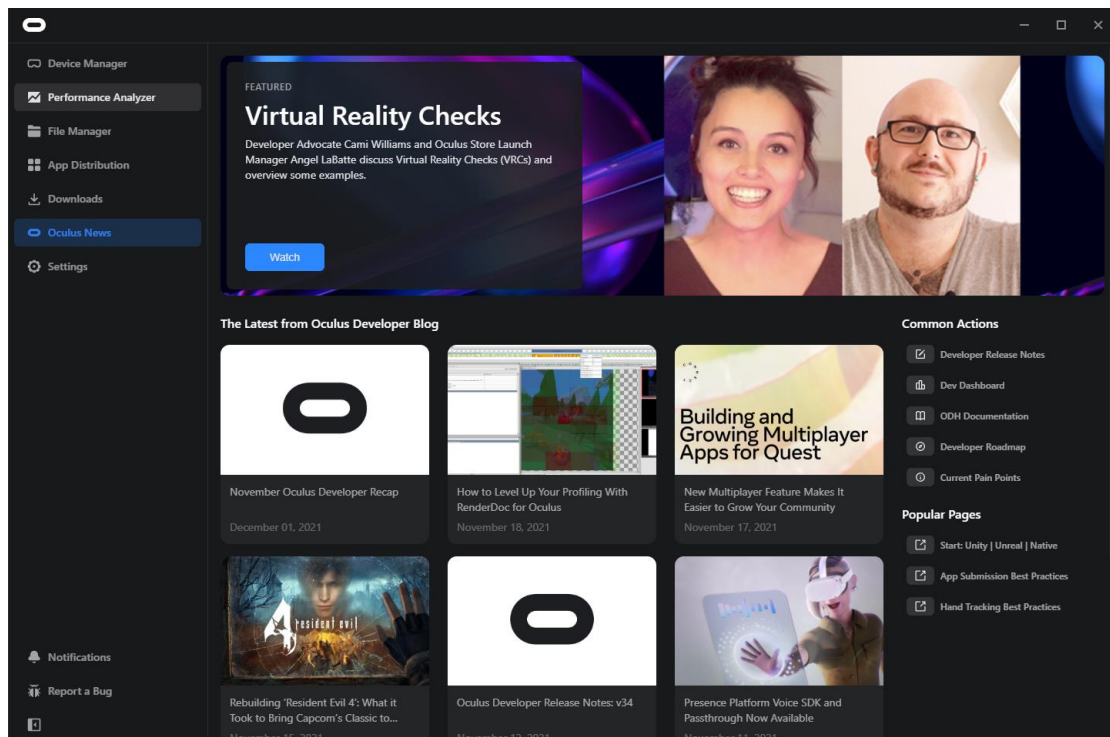
For windows system, please download the software from:

<https://developer.oculus.com/downloads/package/oculus-developer-hub-win/>

For mac system, please download the software from:

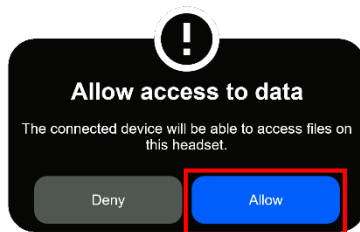
<https://developer.oculus.com/downloads/package/oculus-developer-hub-mac/>

After downloading and installing the software, open it and you will see the interface as below.

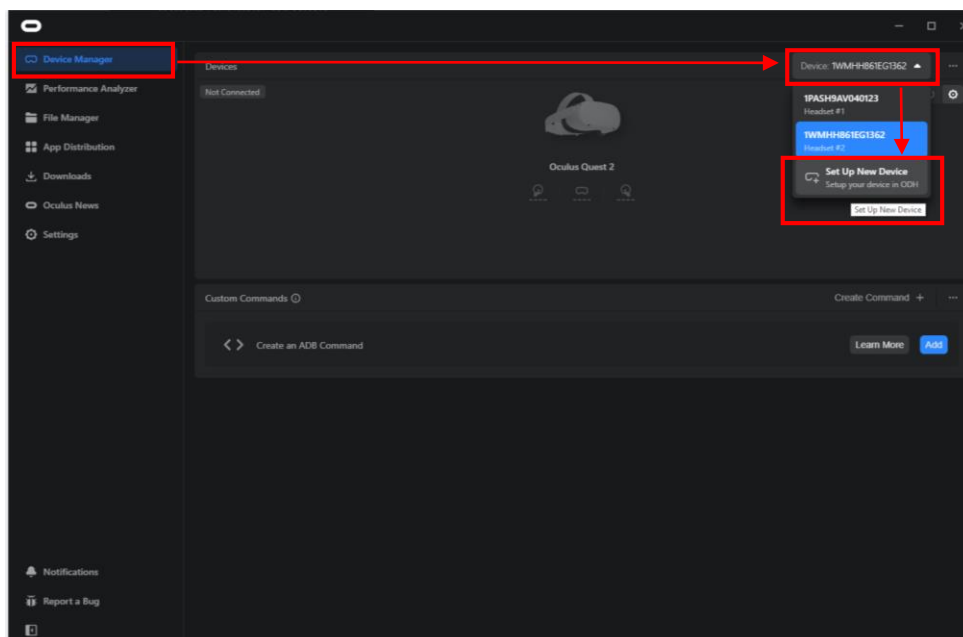


# Set up Your Device in ODH

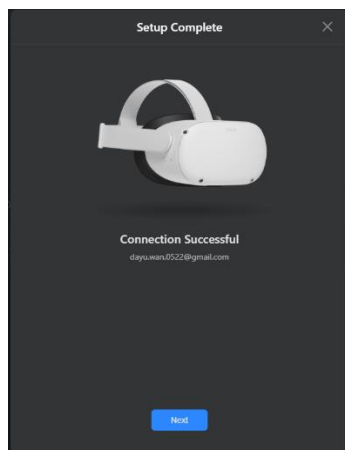
1. Connect your Oculus device to your computer with a data cable.
2. **Allow the access to data in your device.**



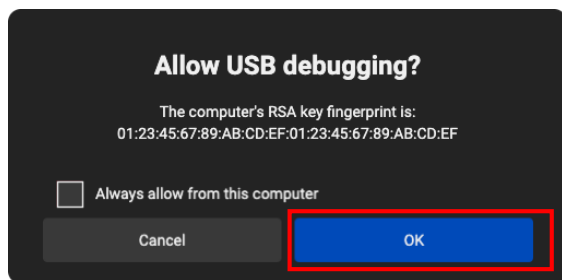
3. **ODH -> Device Manager -> Device -> Set up New Device.**



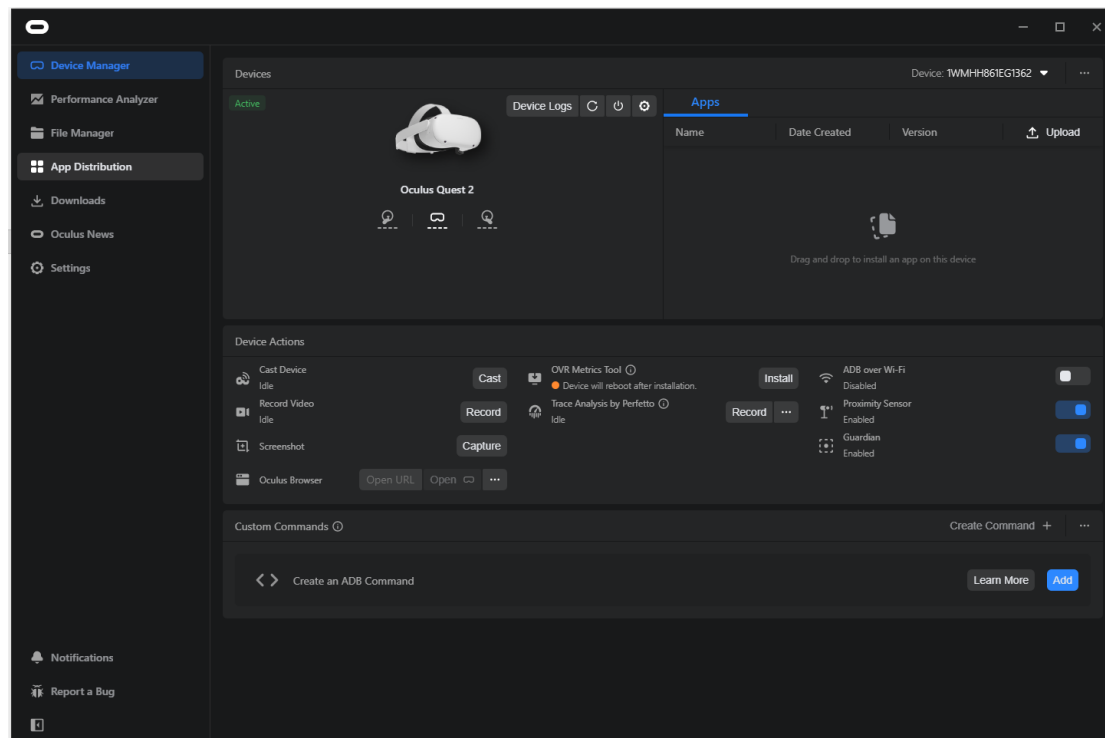
4. Choose your device.
5. Sign in ODH account (your Facebook / Oculus account) and connect WIFI to device.
6. Enable developer mode.
7. Then, you can see the following interface.



8. Last step, **allow USB debugging** in your device.



9. Finally, your device should appear in ODH.



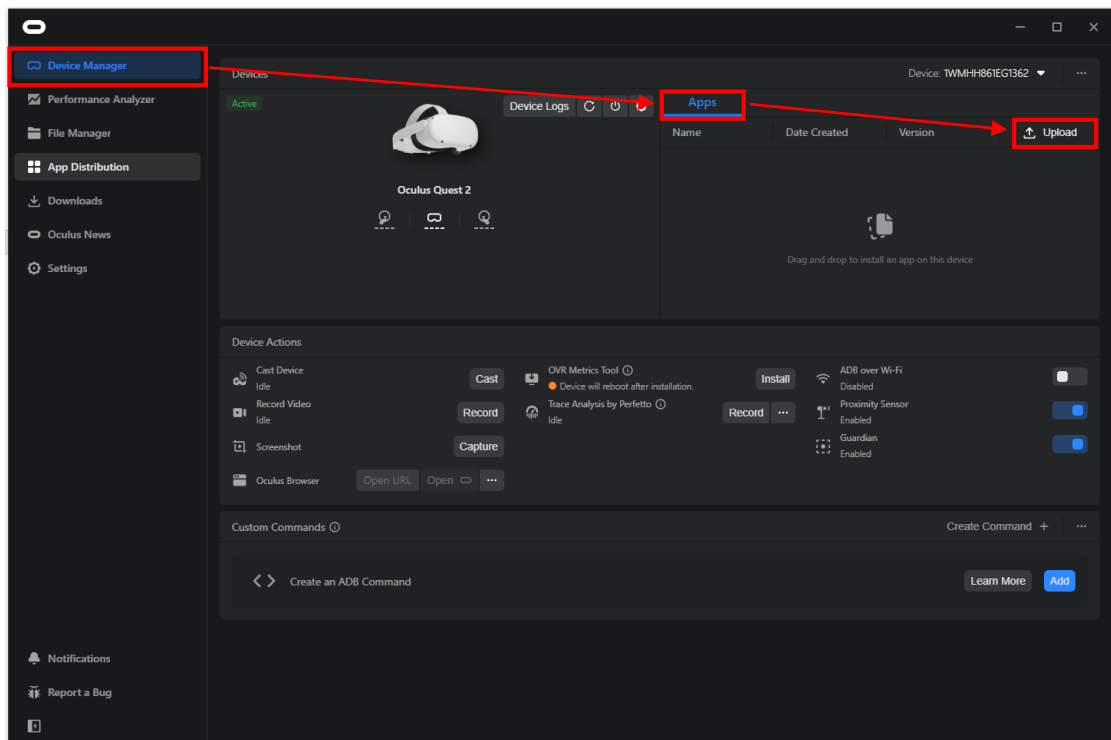
## Download APK Files

You can download all the CryoVR application installation files from:

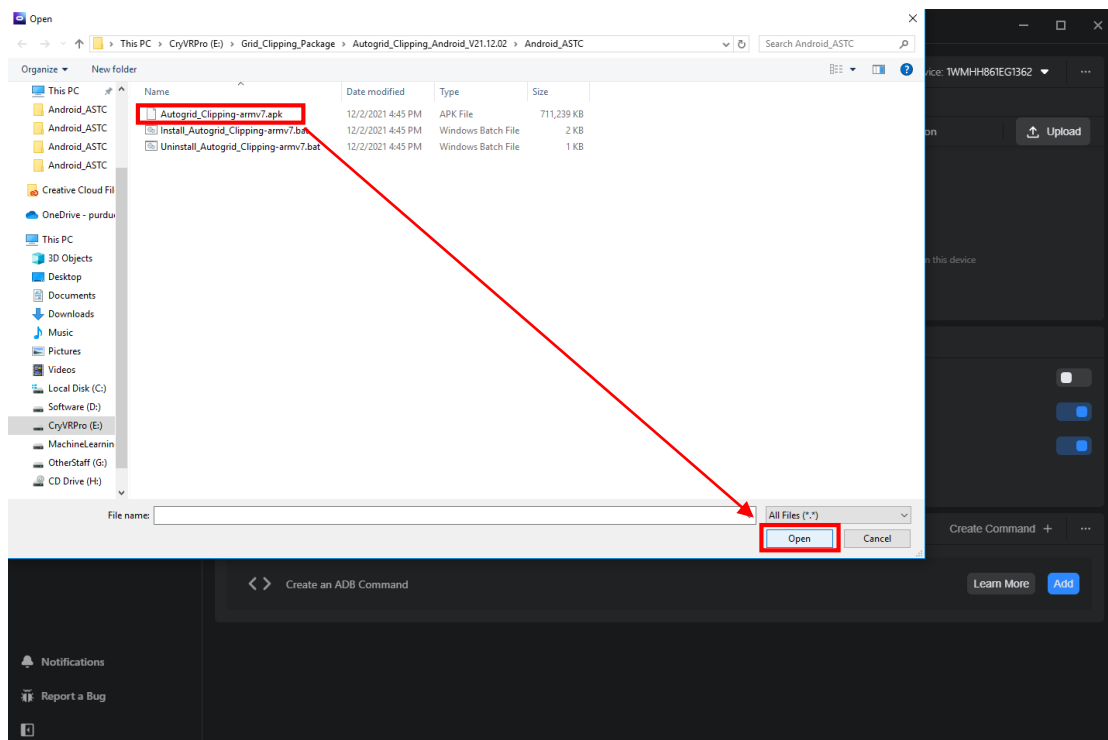
<https://va.tech.purdue.edu/cryoVR/index.php/downloads/>

## Upload APK Files to Oculus

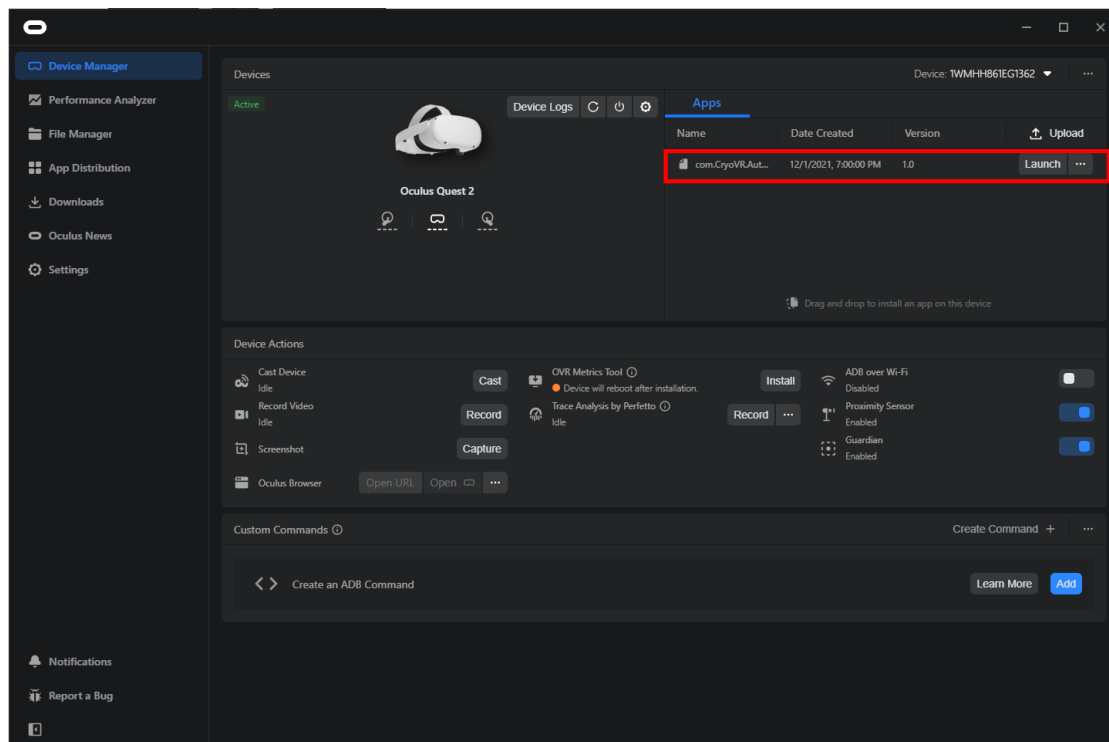
1. Go back to Oculus Developer Hub (ODH).
2. **Device Manager** -> **Apps** -> **Upload**.



3. Find the APK files you just downloaded.
4. Click "OPEN".

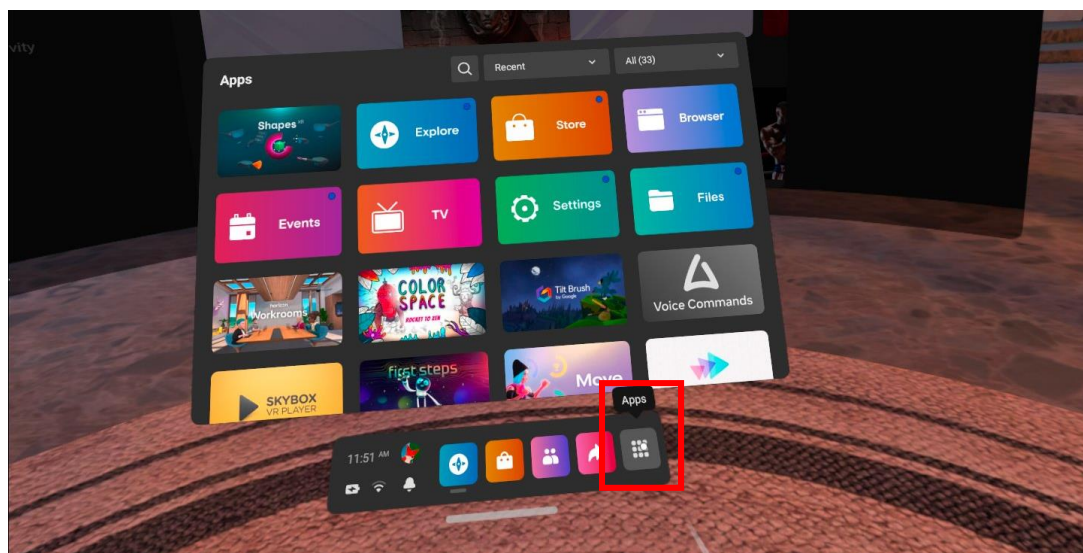


5. Wait for the installing.
6. Then you can find your applications on your device.



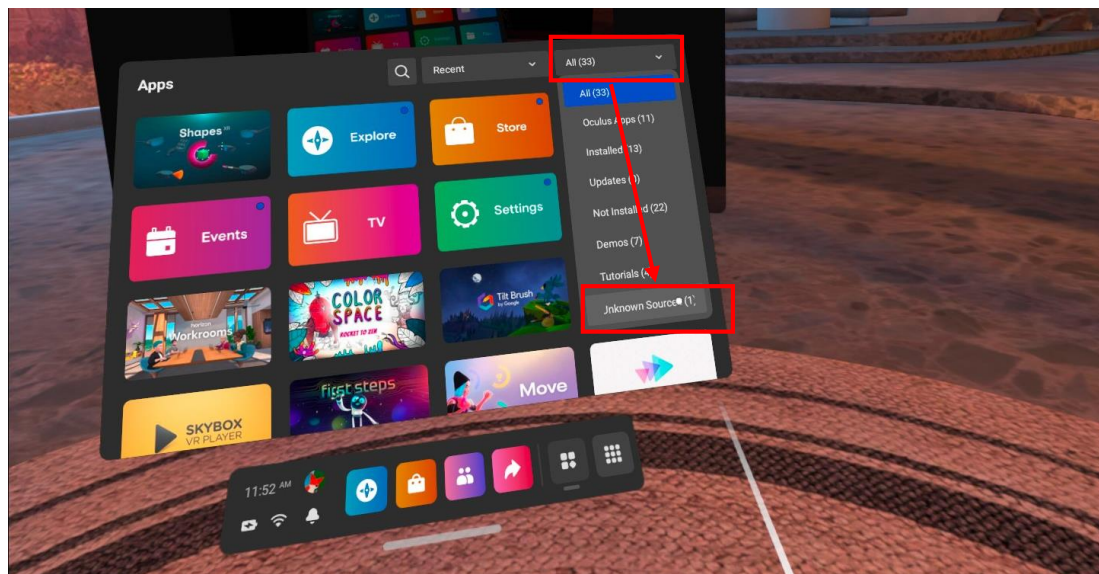
## Start Your Applications on Oculus

1. For better experience, you can unplug in the data cable now.
2. Put on and wake your Oculus Device.
3. Go to **Apps** Menu.

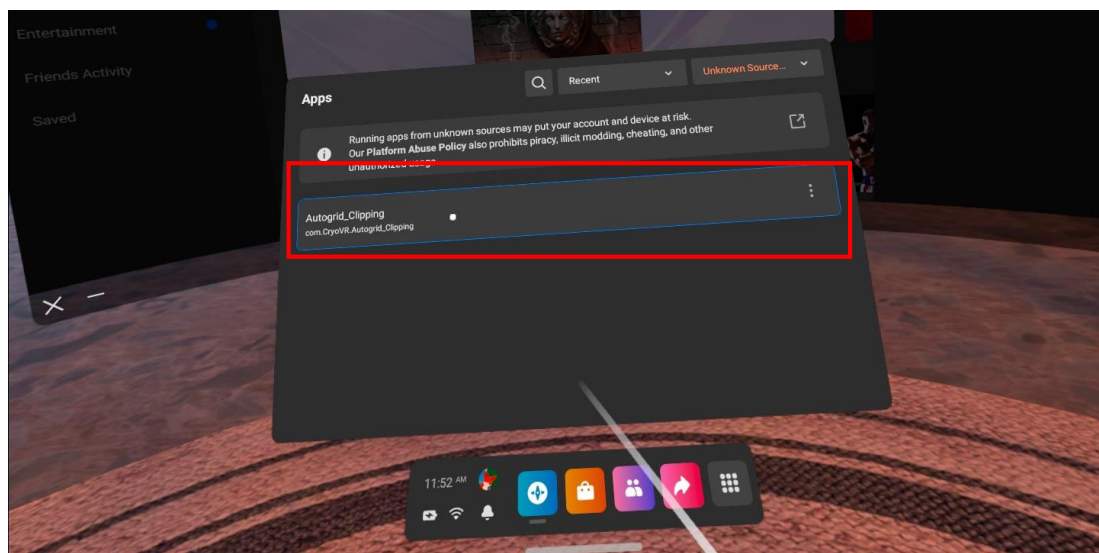


4. All -> Unknown Source.





5. Then you will find the applications you just uploaded.



6. Now, click it and enjoy your applications!

