# EARSIM VR Setup Guide

This guide will walk you through setting up your Meta Quest headset for running the **EARSIM** game on your Windows PC.

## Requirements

- **Meta Quest Headset**: Quest 2, Quest 3, or Quest 3S

*This tutorial uses a Quest 3S*

- **Windows PC** with a good graphics card (ideally **RTX 3060** or better)
- **Link Cable (USB-C to USB-A)**
    - [Official Meta Link Cable](#)
    - Or a third-party USB 3.0 cable (at least 3 meters long)
- **EARSIM game zip file**

## Connecting Your Headset to PC

**If you already have Meta Quest Link installed and set up for your headset on your PC, you can skip to Step 5.**

### 1. Download Meta Quest Link Software

Download and install the official Meta Quest Link from [here](#).
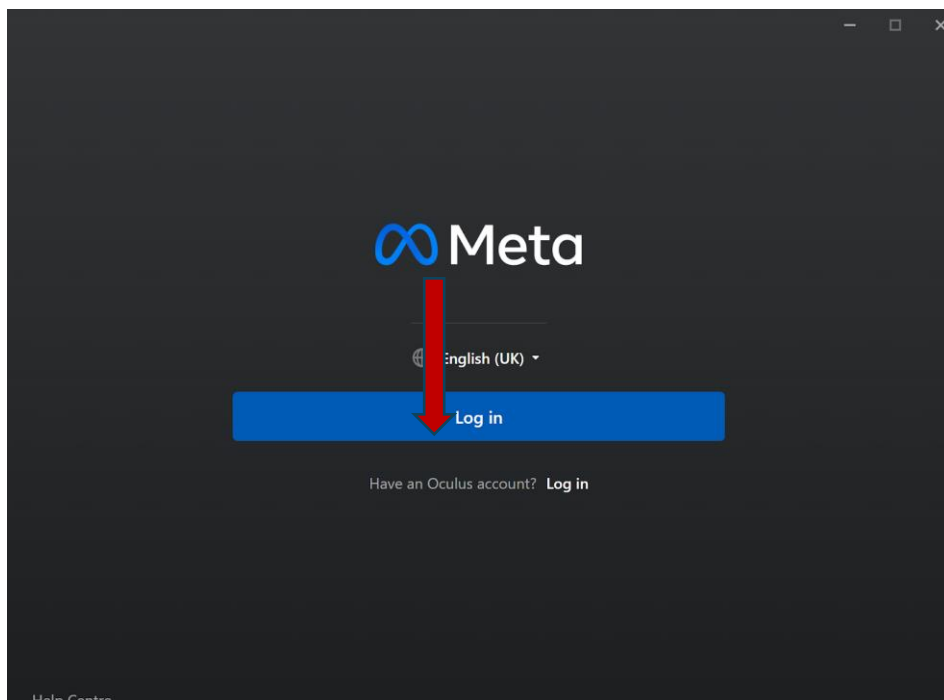
## 2. Install Oculus Software

- Run `oculussetup.exe`
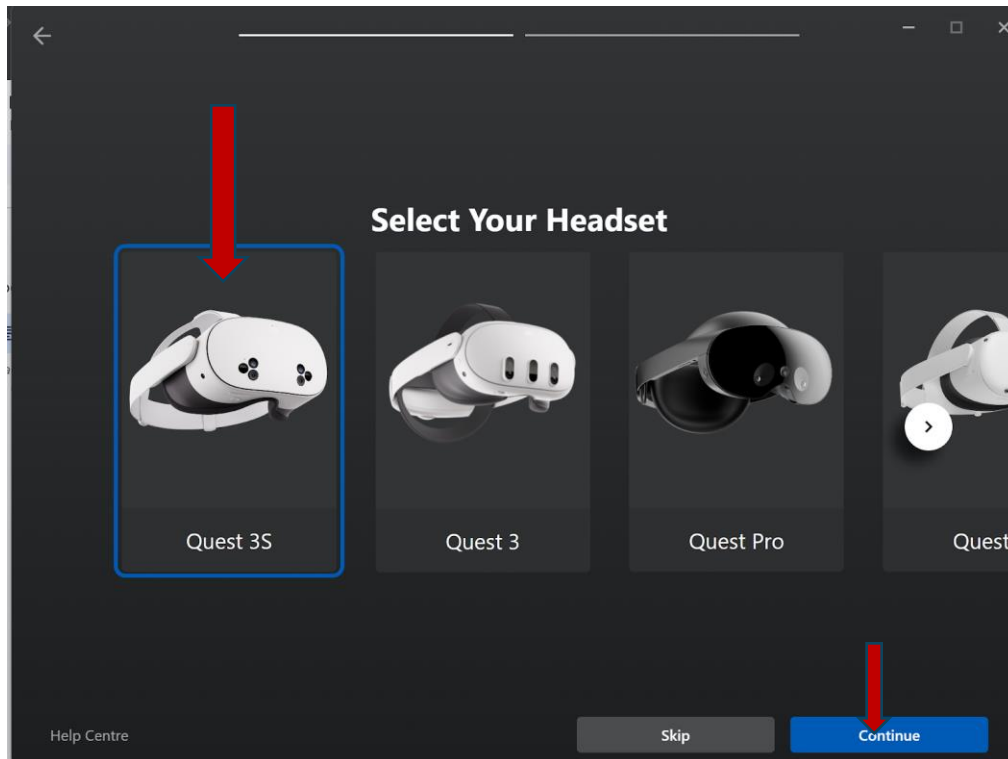- Click **Install Now**
- Wait for installation to complete
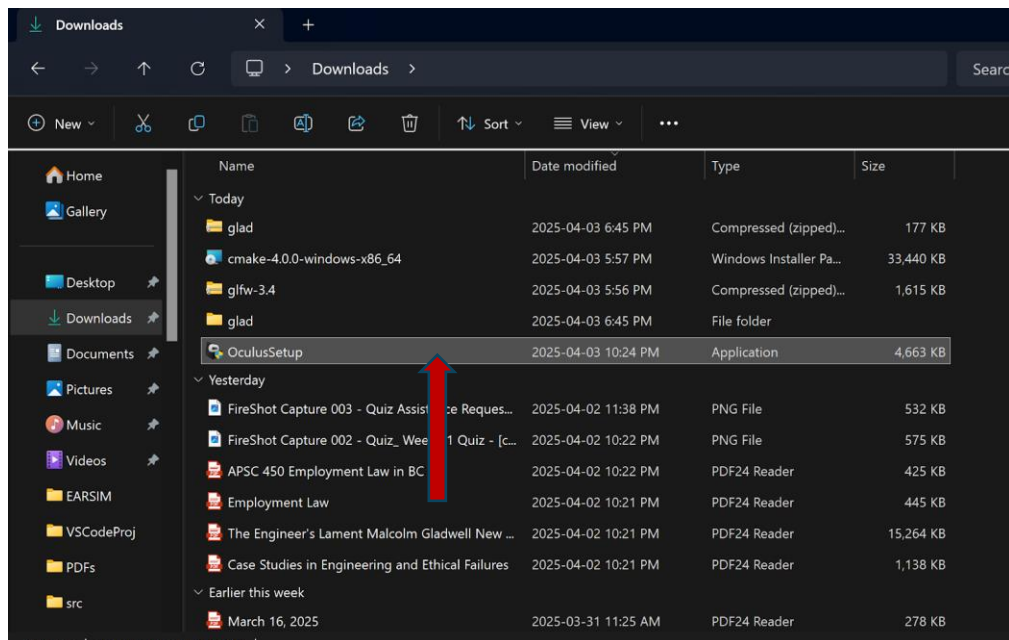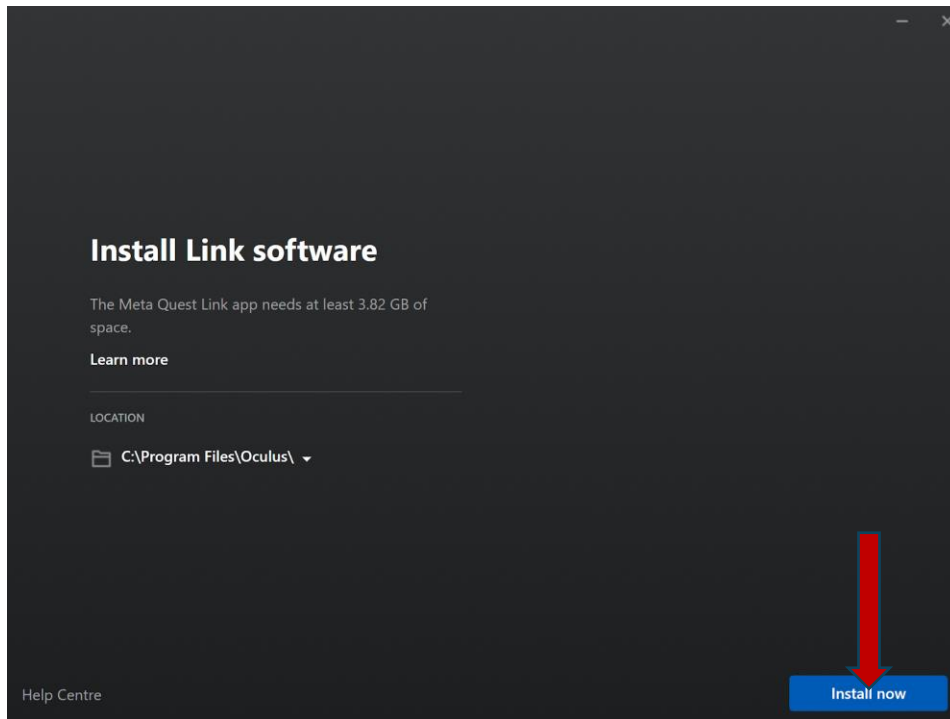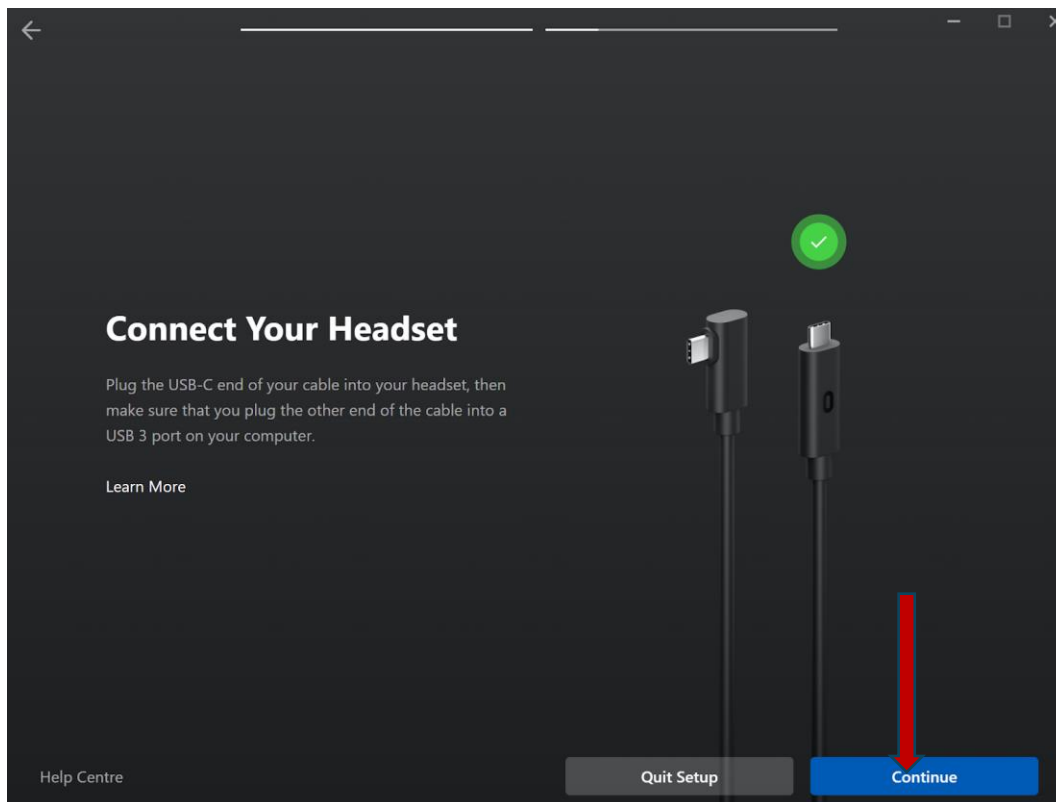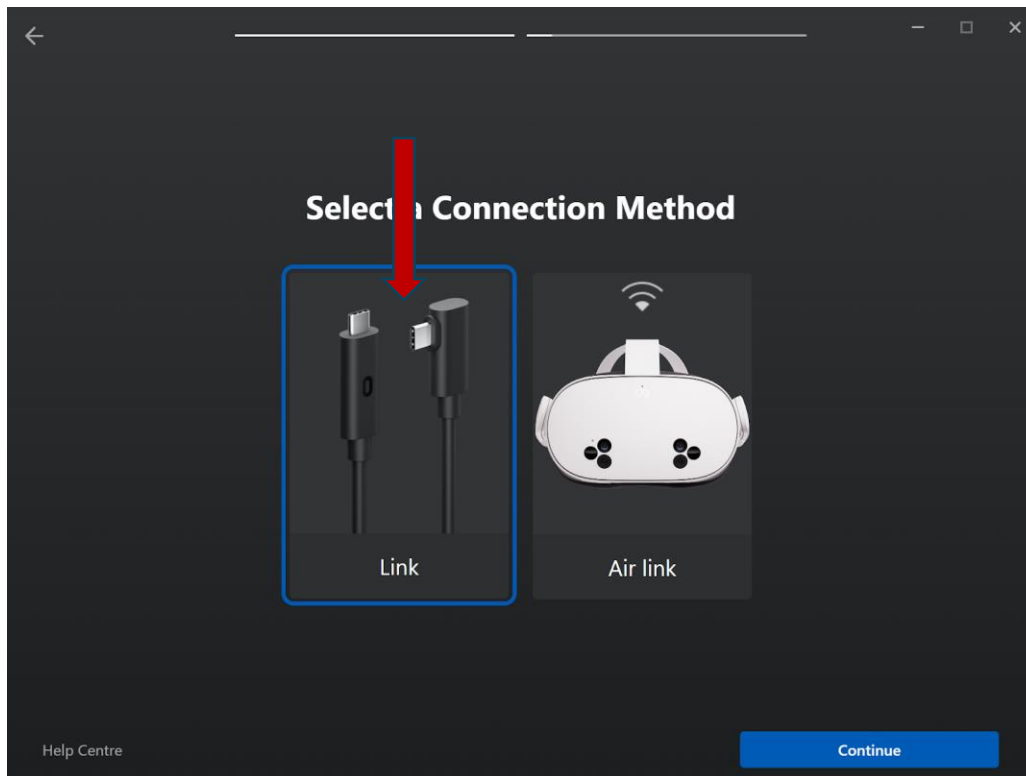
## 3. Log Into Meta

- After installation, create or log into your **Meta** account via the browser as prompted
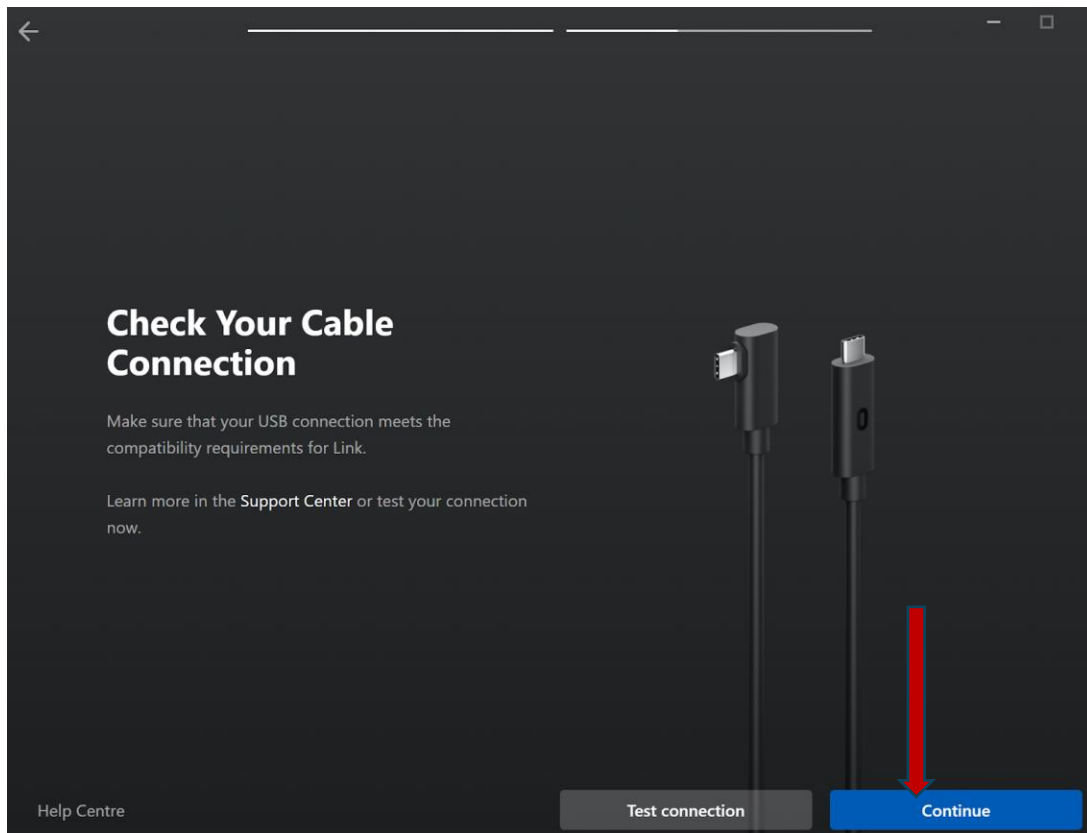
## 4. Setup Headset Connection

- Select your headset model
- Choose **Link (Cable)** as the connection method
- Connect your headset to the PC using a **USB 3.0-supported cable and port**
- Click **Continue** on your PC
- Click **Continue** again

## Select a Connection Method

Link

Air link

Continue

Help Centre

## Connect Your Headset

Plug the USB-C end of your cable into your headset, then make sure that you plug the other end of the cable into a USB 3 port on your computer.

Learn More

Quit Setup

Continue

Help Centre

## 5. Connect

- If you haven't already, connect your headset to the PC using a **USB 3.0-supported cable and port**
- Power on the headset and put it on
- In the headset, **allow the Link connection** when prompted
- If prompted, set up the boundary. Sometimes the headset may not connect properly if the boundary isn't configured.

You'll see a loading screen inside the headset followed by a virtual environment (we'll refer to it as the **grey space**).
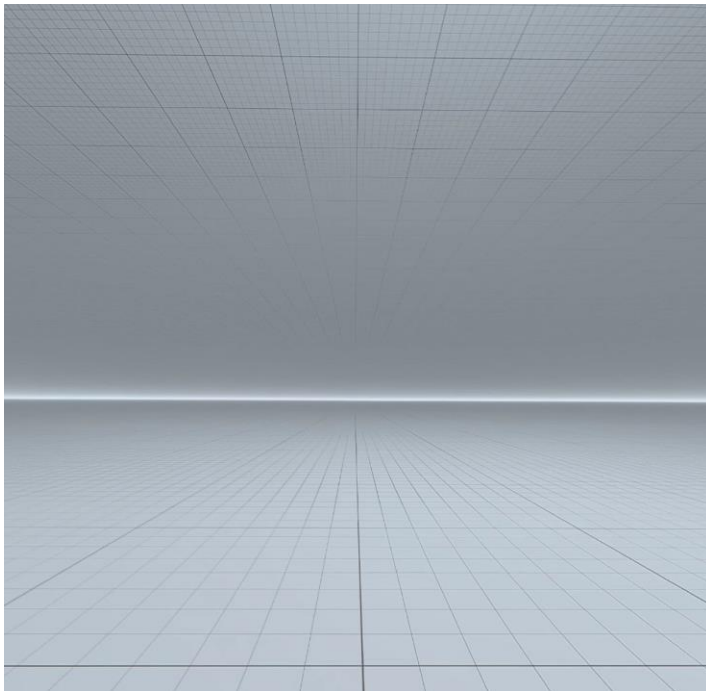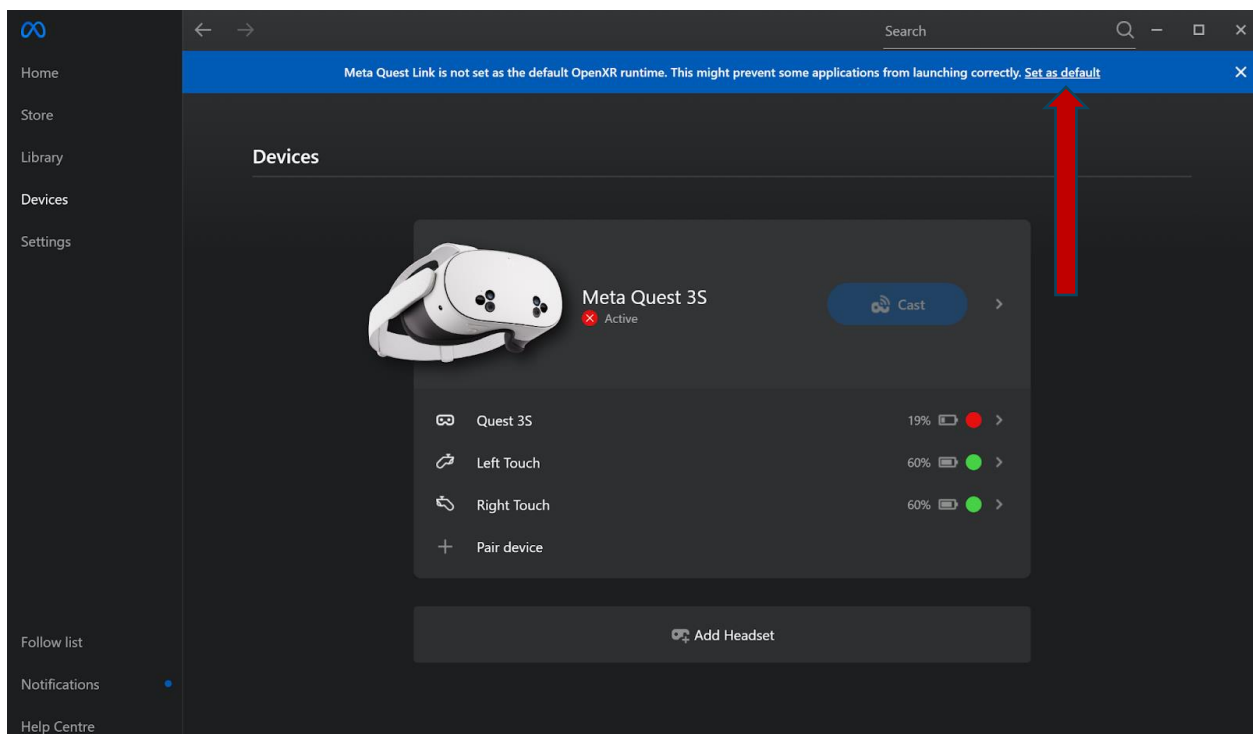


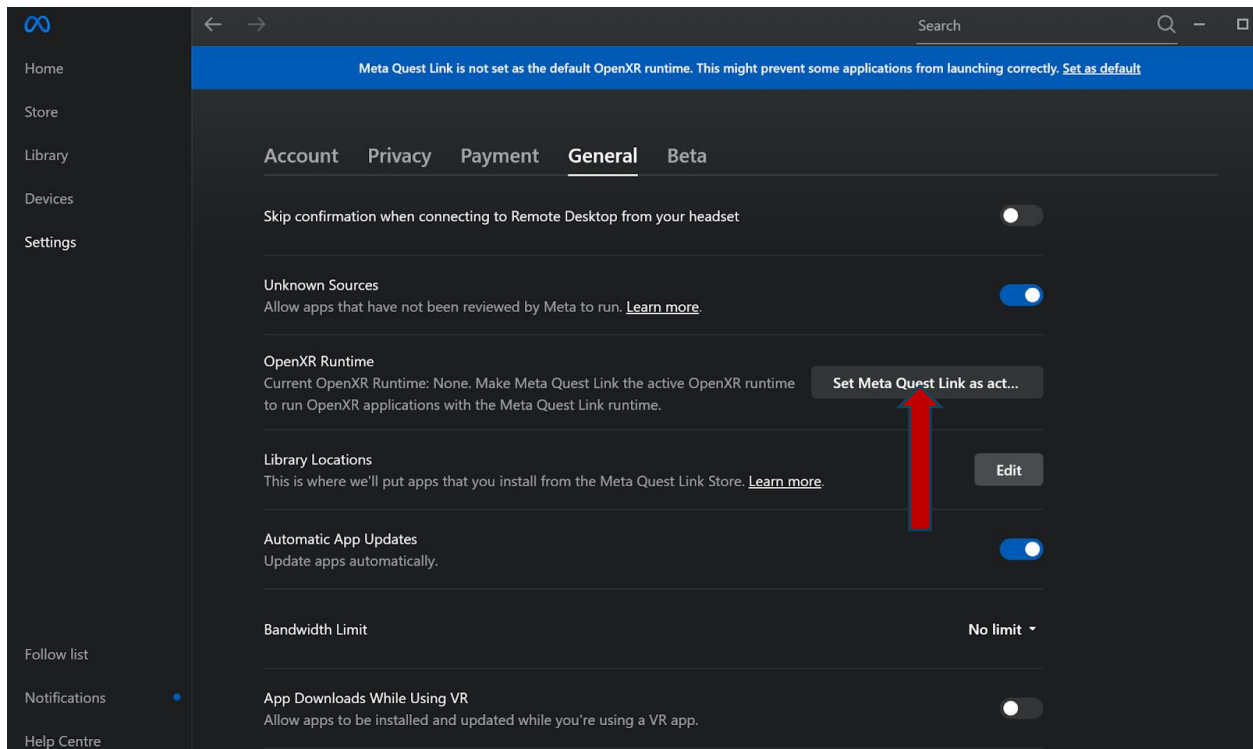Once you're in the grey space, your headset is ready to start the game!

# OpenXR Runtime Warning

If you see:

*"Meta Quest Link not set as default OpenXR runtime"*

Click **Set as Default,** then confirm again by selecting **Set Meta Quest Link as active**.
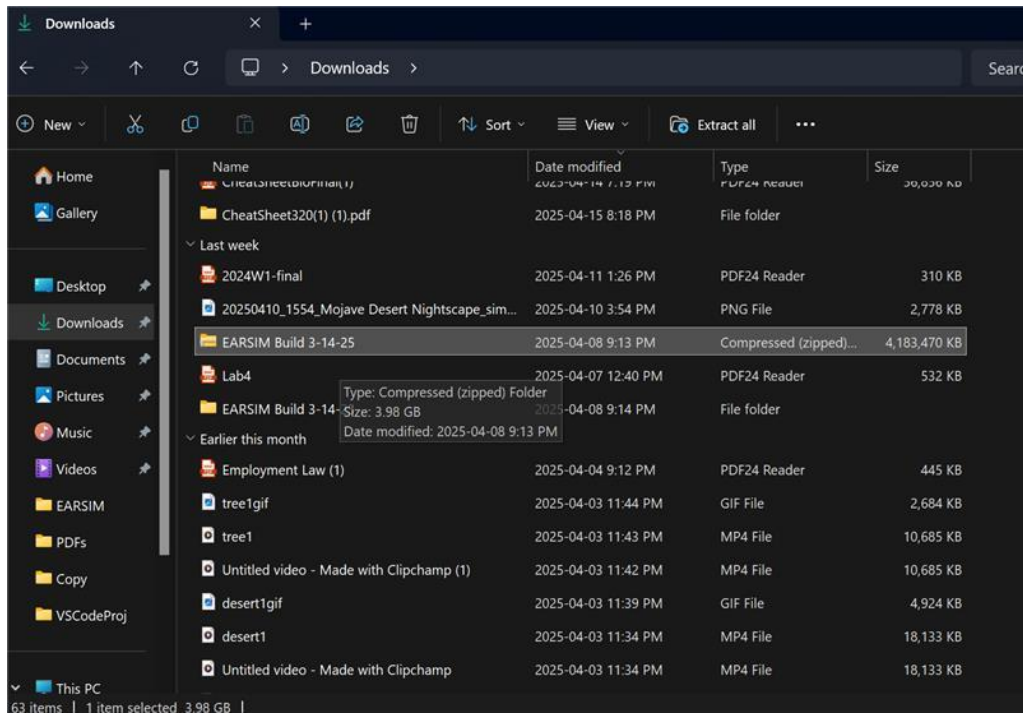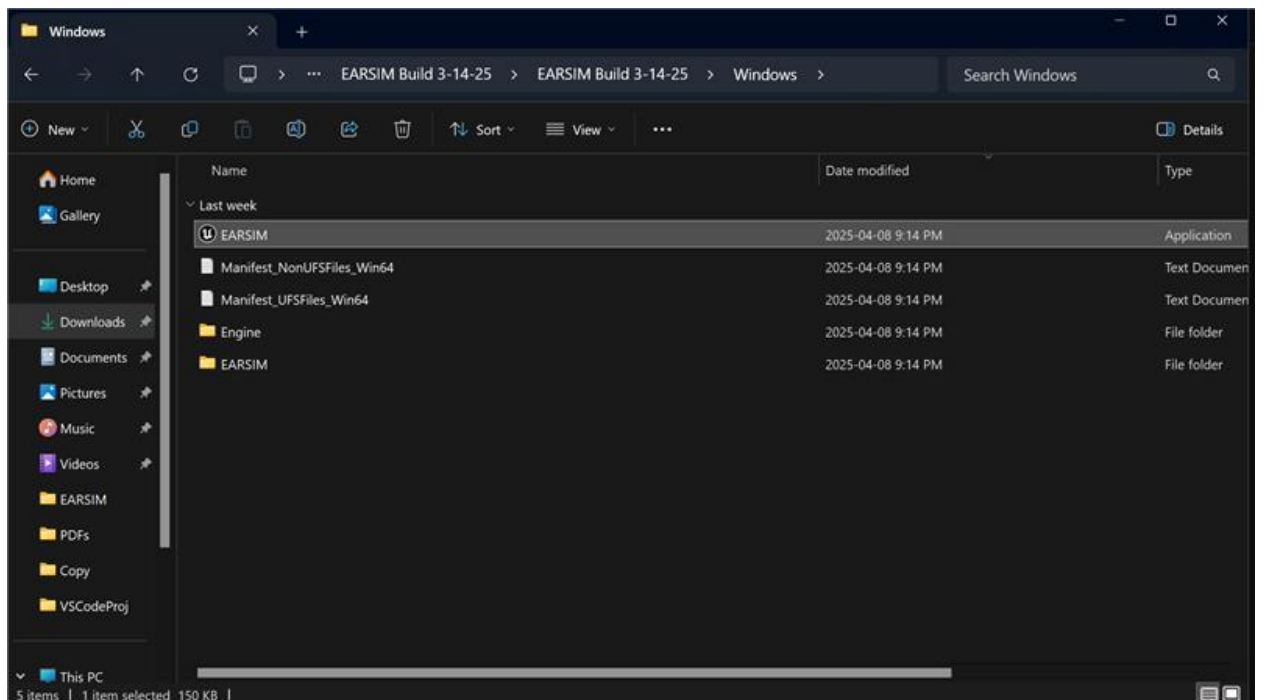
# Starting the Game

## 1. Extract the Game Files

- Right-click on the `earsimbuild.zip` file
- Select **Extract All...**
- Choose a destination folder

## 2. Launch the Game

- In the extracted folder, find the executable named EARSIM (EML Demo Space location: Irving K. Barber Learning Centre, room 183)
- Double-click to launch

If the headset is connected properly, the game will launch inside your headset.

Put on your headset and enjoy!

## Debugging Suggestions

- **Make sure to set up your boundary in the headset before connecting.**
- If the "Enable Link" window doesn't appear in the headset, you can manually enable it from the universal menu (left of the menu bar). Detailed steps are available [here](#).
- If the game freezes, try relaunching it on your PC and reconnecting the headset by unplugging and plugging it back in.