

VR Journey – Week 2: Build a Zoo or Safari in ENGAGE

For this week's VR Journey, we will be constructing our own Zoo or Safari in Engage! There are many embedded IFX assets that include animals, buildings, spectators, weather and all sorts of fun things you can build. Please plan on spending about 30 minutes planning out what you want to build, and 30 minutes building it inside VR. We will start out on Zoom to make sure everyone is clear about the assignment, and then will shift to Engage (VR).

We will be doing this synchronously in class on Wednesday, September 29.

An invitation from ENGAGE to join our Stanford VHIL group will go out later tonight. Keep an eye out for this invitation and click accept when prompted. You'll need to join the Stanford VHIL group to be able to host your own session and use Engage Pro IFX, so please make sure you accept the invitation before class tomorrow.

1. Working by yourself or in groups, please join the session ID provided by the Teaching Team, and construct a Zoo or Safari using IFX. These IFX animals and environmental elements can be accessed using your Engage tablet (in VR). The goal is to practice building immersive environments using virtual content.
2. When you are finished, be sure to take an Oculus screenshot of your scene and upload it to the Canvas assignment. Each and every student must upload a screenshot to the Canvas assignment to receive credit. For those that wish to save their scene to visit or share it later, see below for instructions on exporting an .IFXSNAP file in Engage. Note, saving the scene is not required, but optional.

Professor Bailenson and the TAs will be visiting your worlds to see your amazing creations ! To make sure we can access your sessions, we ask that you create a Public, password-protected session. To do this:

Log into Engage → Start Session → Choose a Creator Room environment (on Page 6, 7) → With Others → Create a name for your session (please follow the naming convention: YOUR NAME/ONE GROUP MEMBER'S NAME, COMM166) and set the password to "████" → Have Public List and Enterprise Group List visibility on → Start → Start creating!

TO SAVE/ACCESS A SCREENSHOT ON OCULUS QUEST 2

Hold down the Oculus button on the right controller, and press the trigger on either controller (while still holding onto the Oculus button). You will hear a screenshot sound and a notification at the bottom of your field of view, confirming you've taken a screenshot.

[Alternative way that takes a bit longer]: While you're using an app, you can press the Oculus button. You should see several options pop up in the bottom menu, including 'Record Video' and 'Take Photo'.

To access your screenshot:

1. Use your included USB cable to connect your Quest 2 and personal computer (PC)/laptop. This is the same cable that is used for charging the headset.
2. [If you have a Mac] Download and install the Android File Transfer software which will allow you to access the Oculus' filesystem on your Mac.
3. Within the headset, allow your computer to access the data ('I Trust this Device')
4. Locate your screenshot file: "Quest 2 > Internal shared storage > Oculus > Screenshots"
5. Upload this screenshot file to the Assignment on Canvas.

If you have any questions or issues, feel free to post them in our tech support thread under "Discussions"!