

Dentist Demo Manual

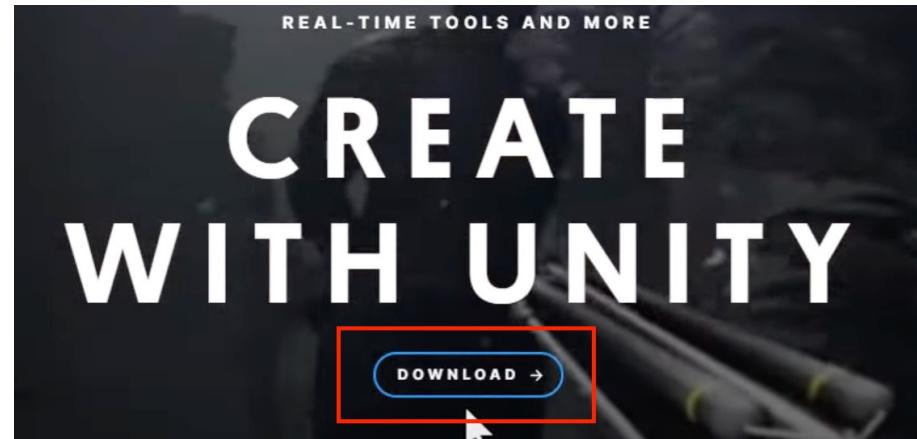
Basic Setup

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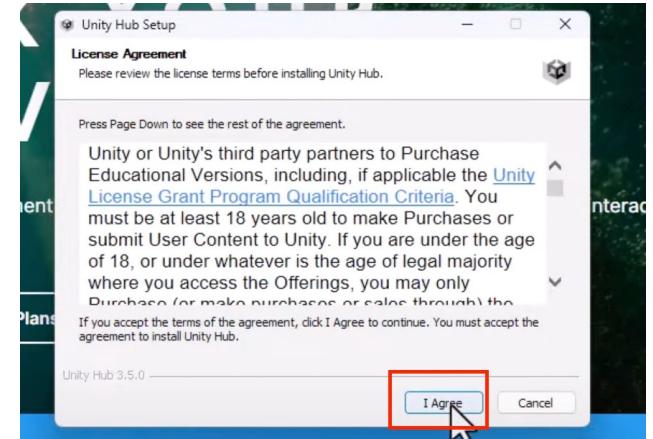
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Unity Installation

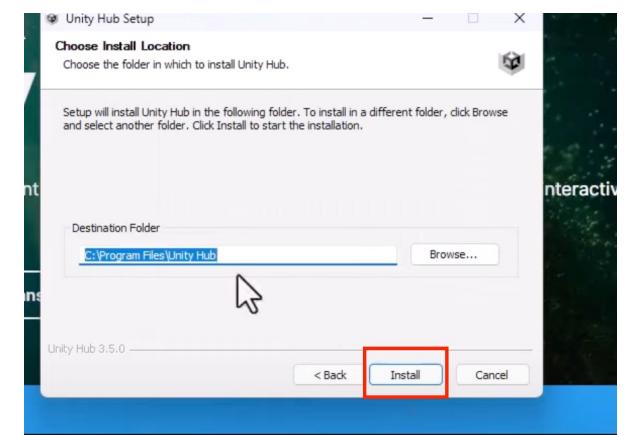
1. Go to Unity website and click on Download
2. Select Download for Windows and open the .exe file when it is finished



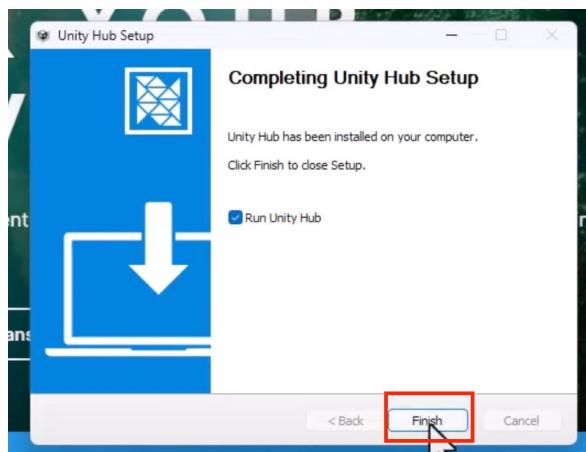
3. Click on “Agree” on the terms and service



4. Select the file path to install Unity

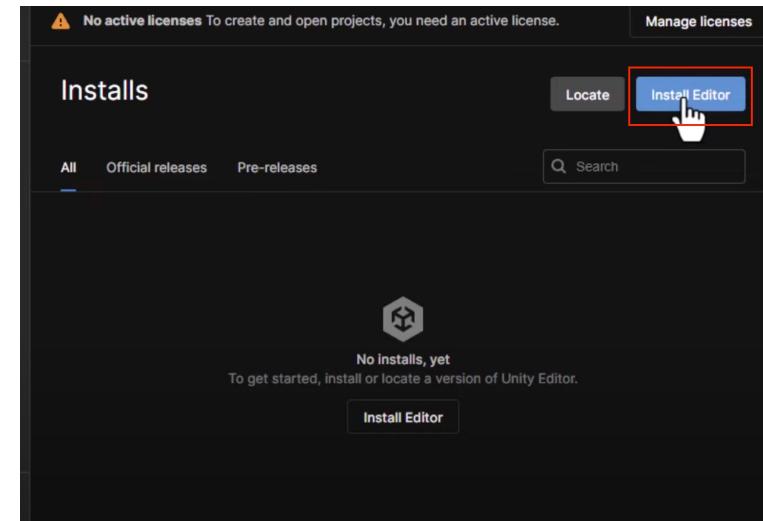
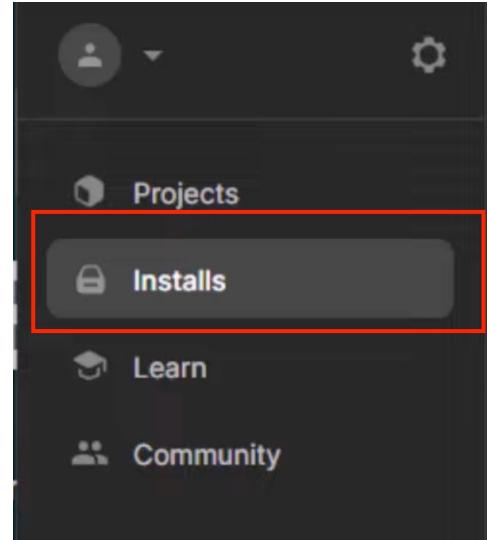


5. When installation is finished, click Finish



Unity Editor

1. Open Unity hub and click the account icon on the top left to sign in
2. After you are signed in, click on Installs > Install Editor
3. Click on the blue Install button beside 2021.3.3f1
4. Select the modules you want to use > click the blue Install button



Touch Driver Setup

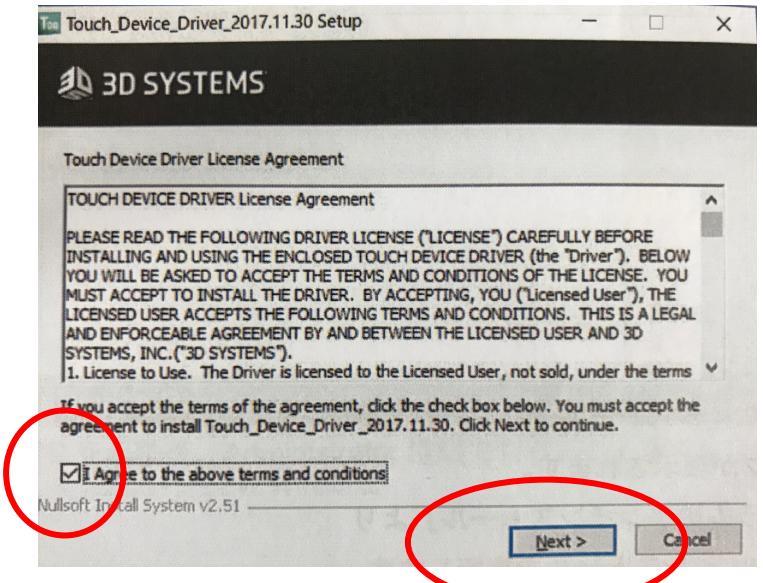
1. Install driver of the device and system you are using

https://support.3dsystems.com/s/article/Haptic-Device-Drivers-for-OpenHaptics?language=en_US

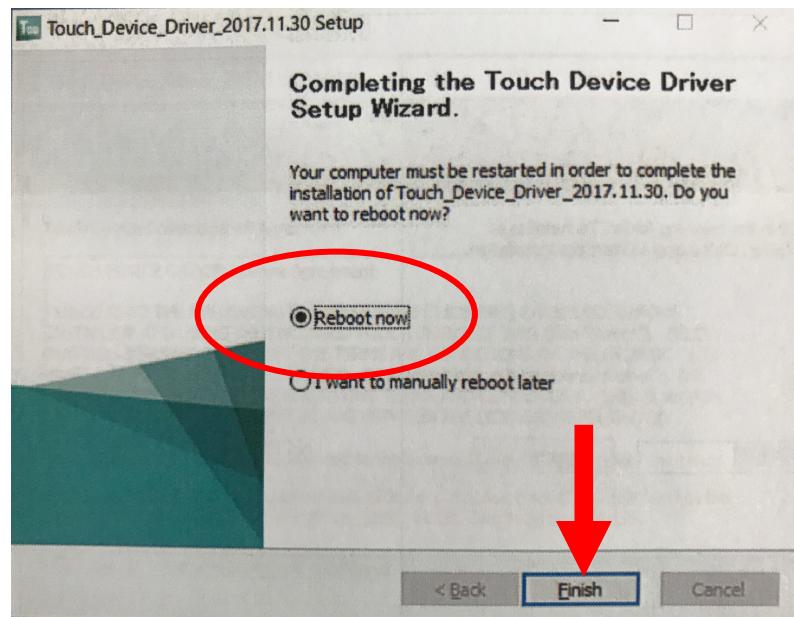
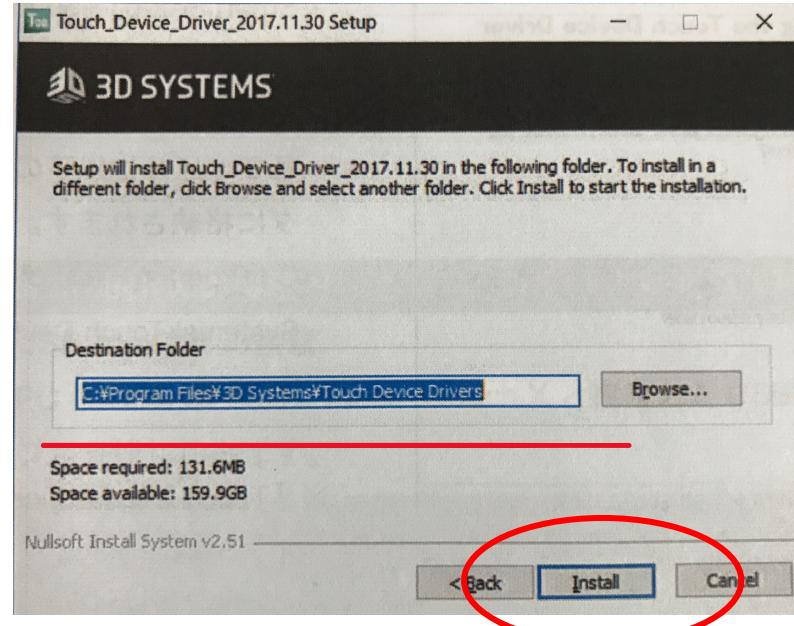
2. Run the downloaded Device Driver .exe file, check “I agree” and click next

*** If the device driver is already installed, there will be a warning. You must uninstall the device driver before installing it again

| | | | | | |
|-------------|------|---|---------------------|----------------------------------|----------|
| OpenHaptics | v3.5 | Interface: | OS: 7/8/10 (64-bit) | Touch Device Driver v2023.10.11: | Download |
| | | for Ethernet Touch or Touch X, USB Touch or Touch X, and HID Touch or Touch X devices | | | |
| | | Interface: | OS: 10/11 (64-bit) | Phantom Device Driver v5.1.7: | |

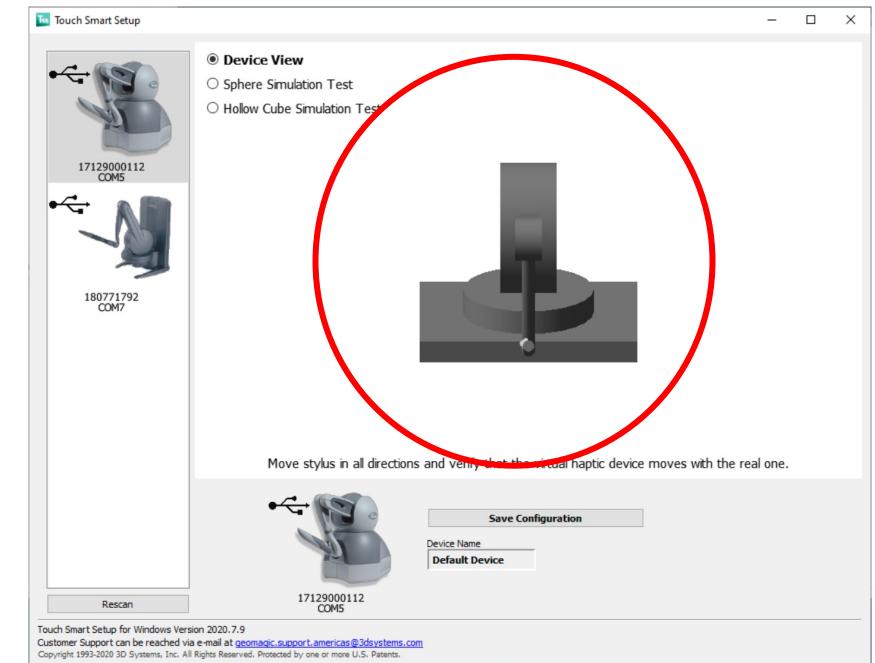
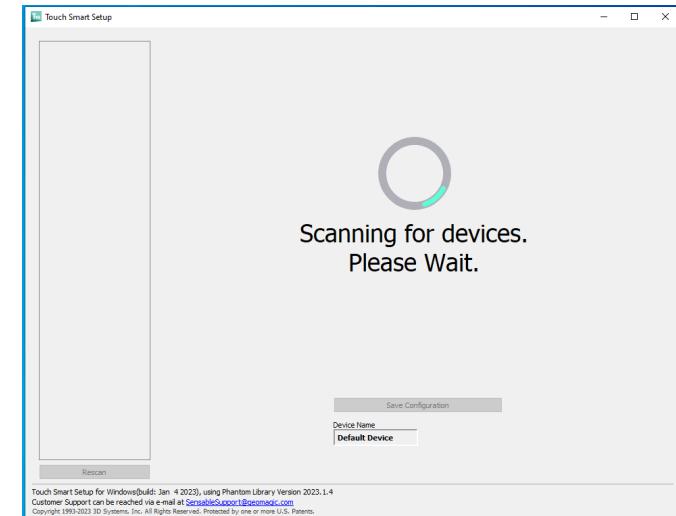


3. In the “select components to install” box, click the checkbox beside desktop shortcuts (optional)
4. Select the file path for installation and click install
5. When the installation is finished, check the “reboot now” option and click Finish

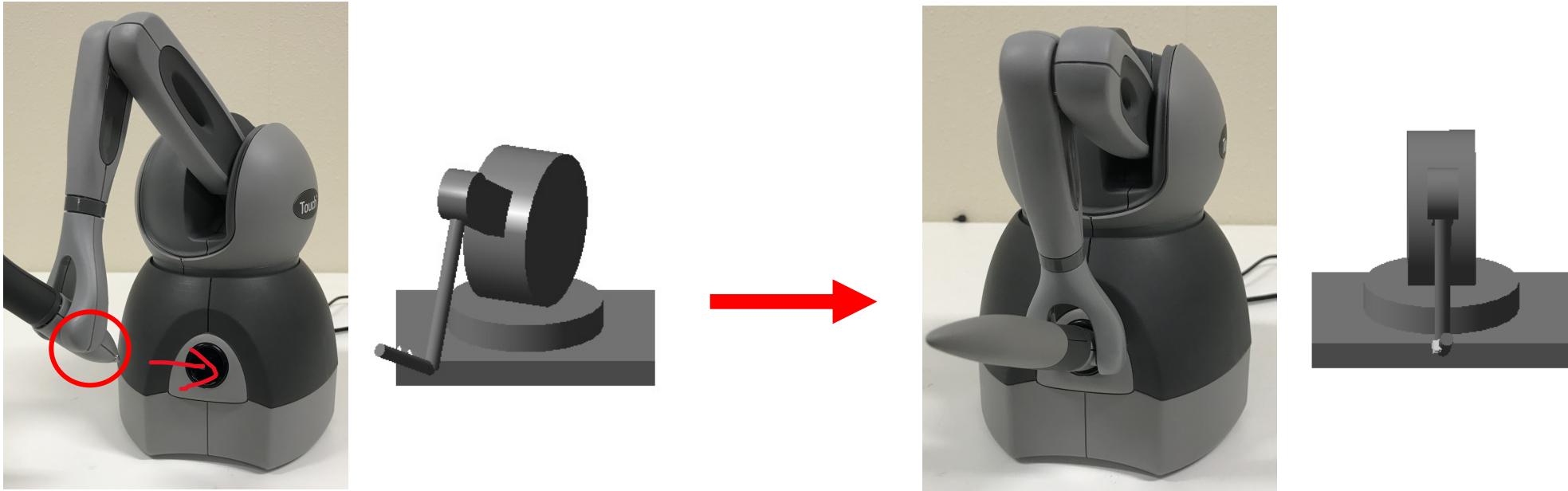


Touch Smart Setup

1. Open the Touch Smart Setup application
2. The application will automatically scan for all connected Touch/Touch X Devices
3. If a device is connected to the computer, an animated device should appear in the middle of the window



4. Set the stylus in the Inkwell and the device should be automatically calibrated.



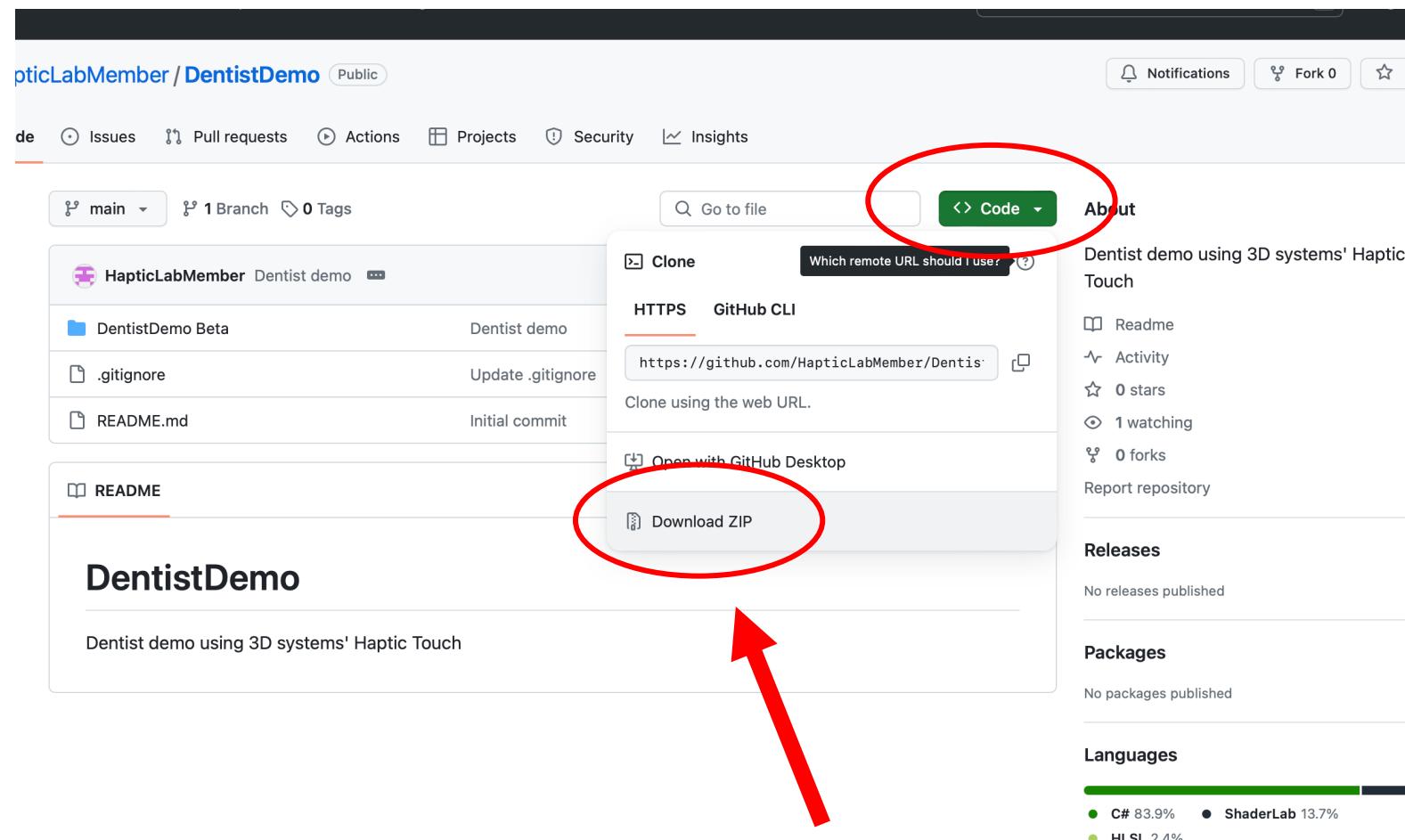
5. Click on Save Configuration

Project Download

1. Go to the Github link below to download the project file.

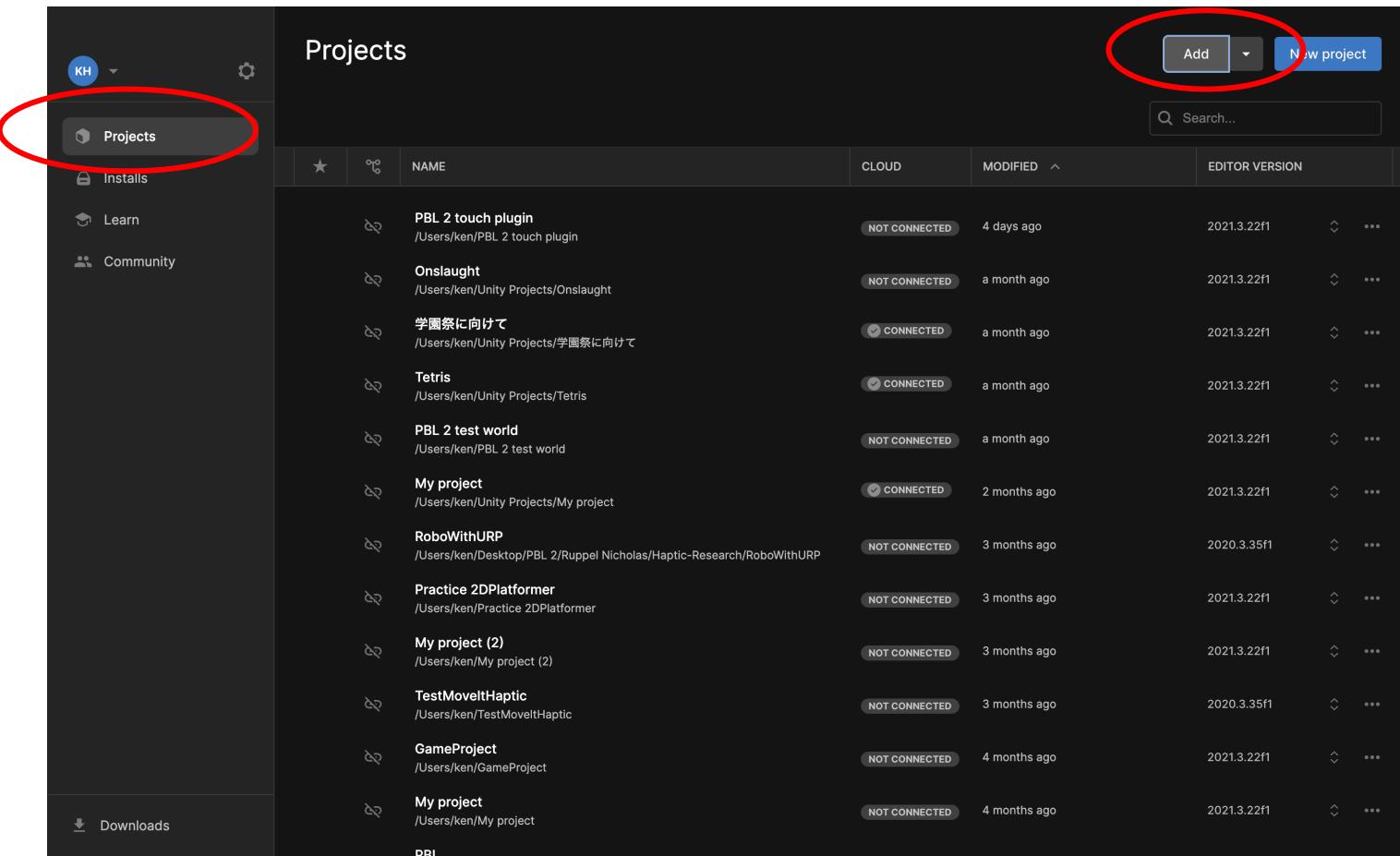
<https://github.com/HapticLabMember/DentistDemo.git>

2. Click on <> Code and select download .zip
3. Unzip the file in selected location



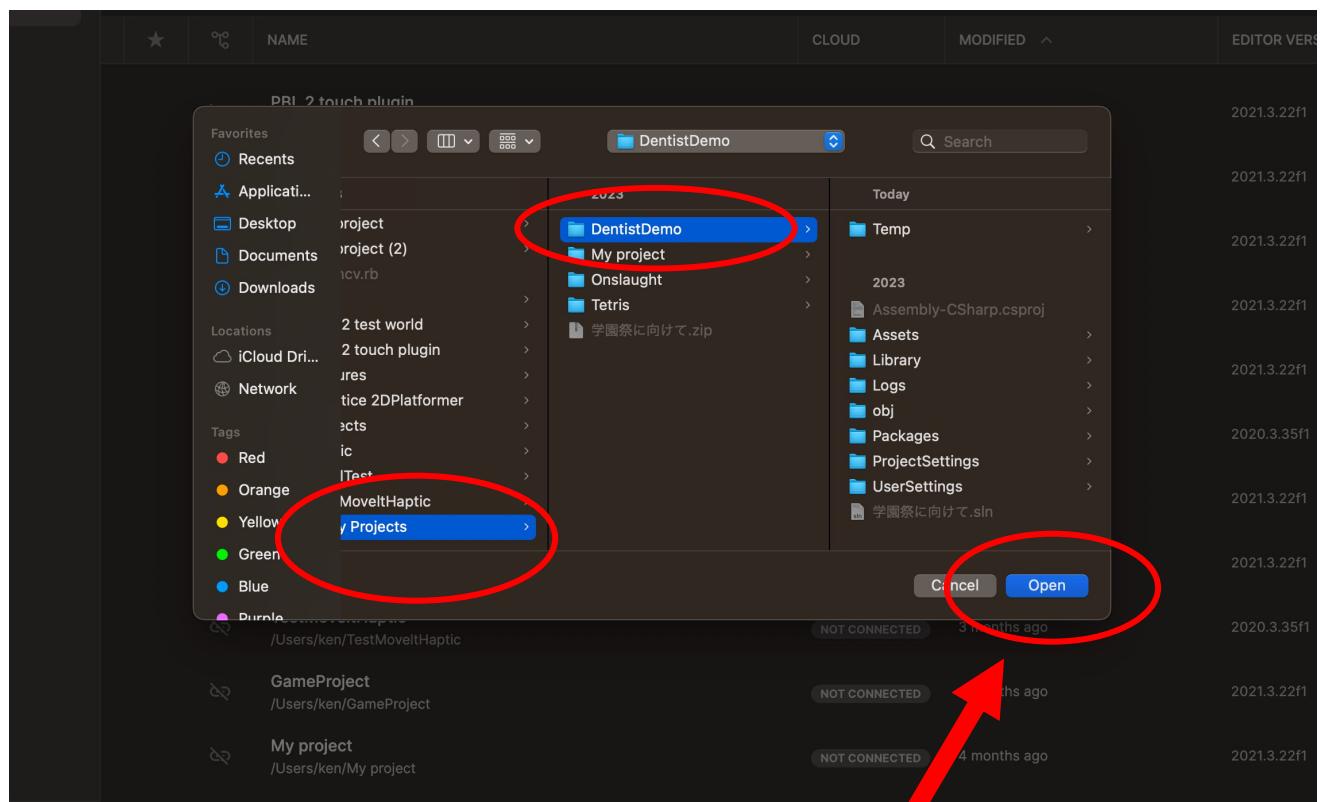
Project Setup

1. Open the Unity Hub and select Projects on the left menu
2. Click Add on the top right



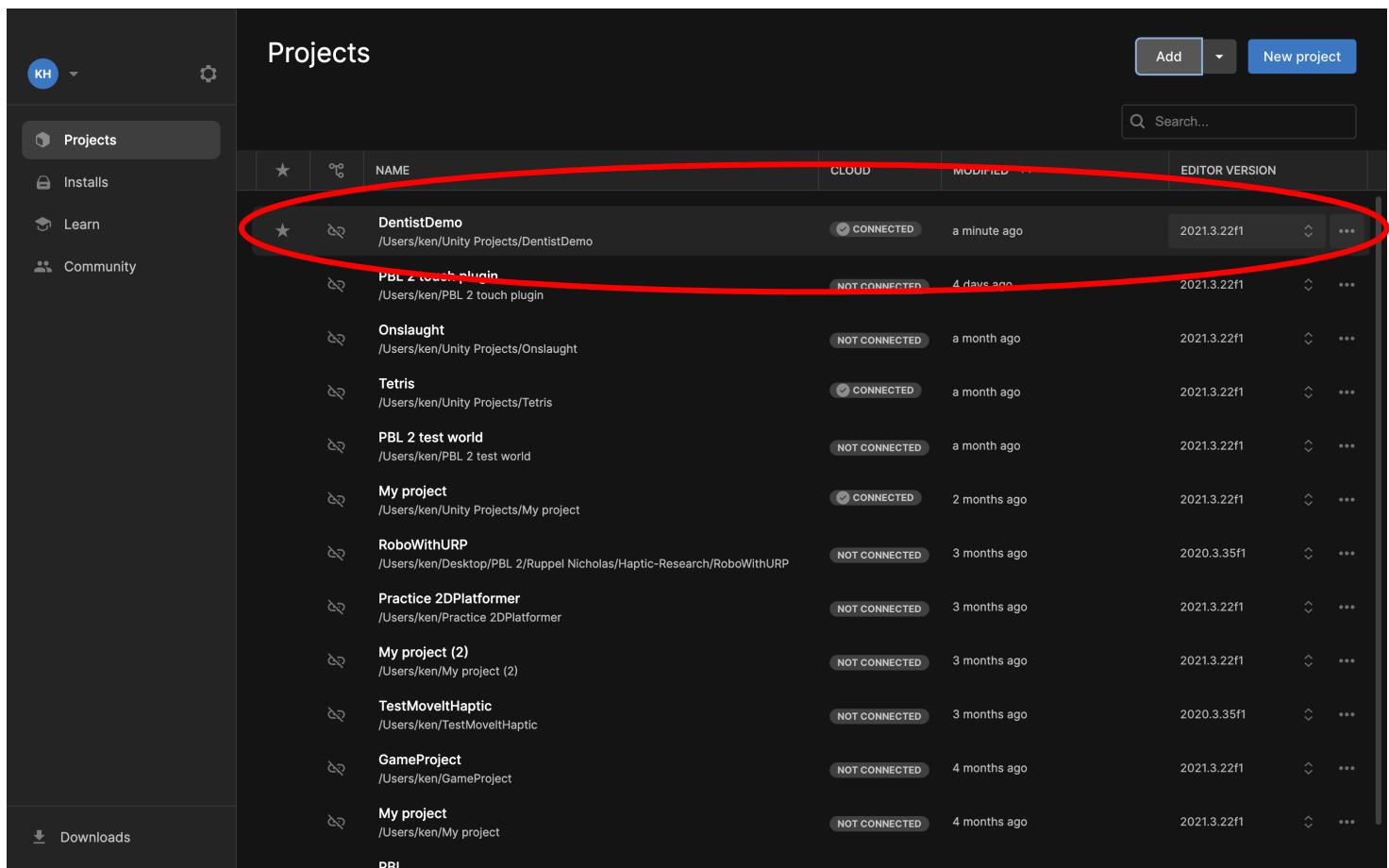
3. Find the Unity file “DentistDemo” inside the downloaded project file

4. Click on Open on the bottom right of the file window.



5. The project file should be successfully added to the projects list.

**If the project couldn't be added, check to make sure the file you add is the Unity file "DentistDemo" and not the project file or Assets, etc...



6. In the Unity Editor, from the project menu (bottom of screen) click on Assets > Scenes > SampleScene.
7. After opening SampleScene, a set of teeth should load in. If the Touch Device is already calibrated, click run on the top of the editor to start the demo.

