

TIRAX

Manual

XR Scenario Admin Guide



TI-RAX

Teach Industrial Robotics with AI and XR

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Dissemination level	
Public	X
Restricted to members of the organizations that signed the agreement	
Restricted to a specific group of members of the organizations that signed the agreement	
Confidential, only for the appointed contacts	

Introduction

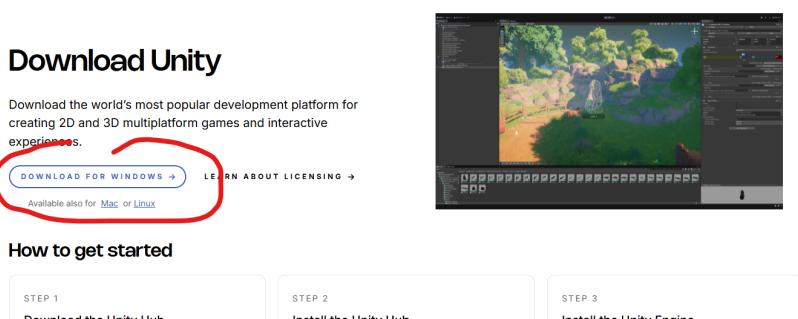
This document describes how to package a TI-RAX's Unity project as a **VIROO application** and deploy it to the VIROO platform, enabling its integration and distribution within the **MASTER-XR ecosystem**.

Prerequisites

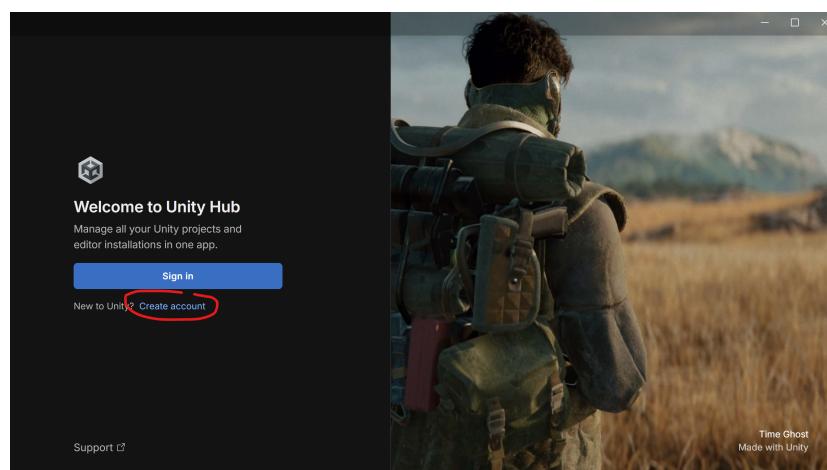
- A TI-RAX's Unity app source code (see https://bit.ly/ti-rax_app_sources).

Building Procedure

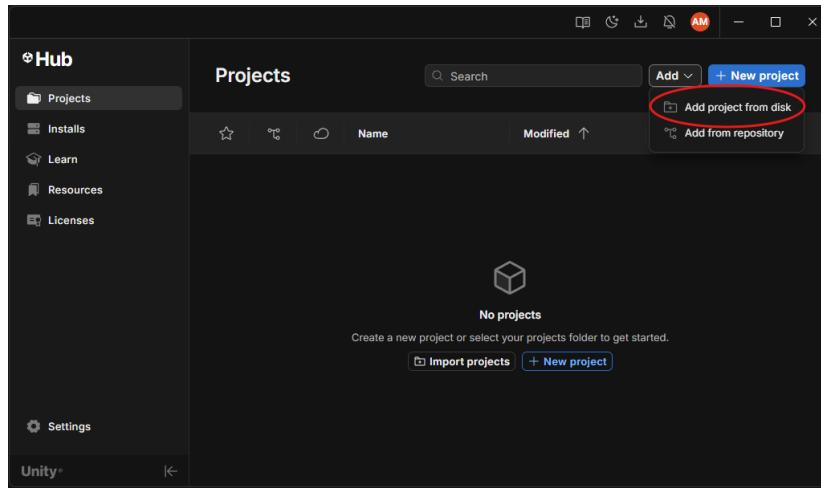
1. **Download and install Unity Hub.** Go to the official Unity website (<https://unity.com/download>) and click *Download* for Windows (or Mac/Linux, if applicable). Run the installer and complete the installation of *Unity Hub*, which is used to manage Unity editors and projects.



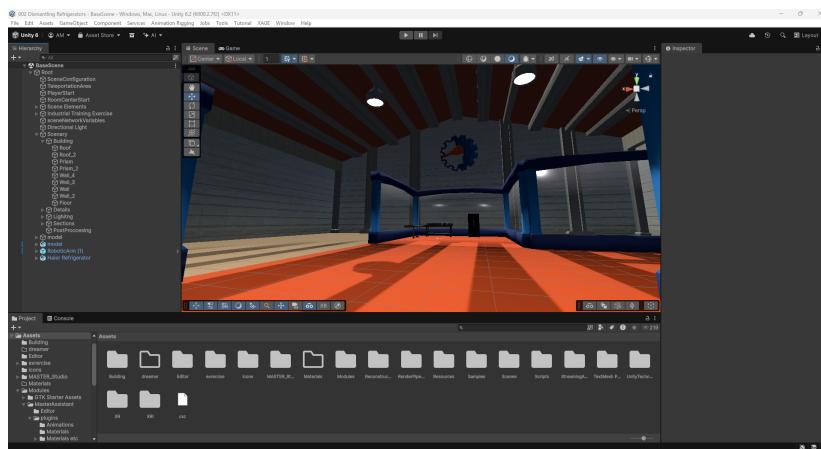
2. **Create or Sign In to a Unity Account.** Open Unity Hub. If you already have an account, click *Sign in*. If not, select *Create account* and follow the on-screen instructions to register.



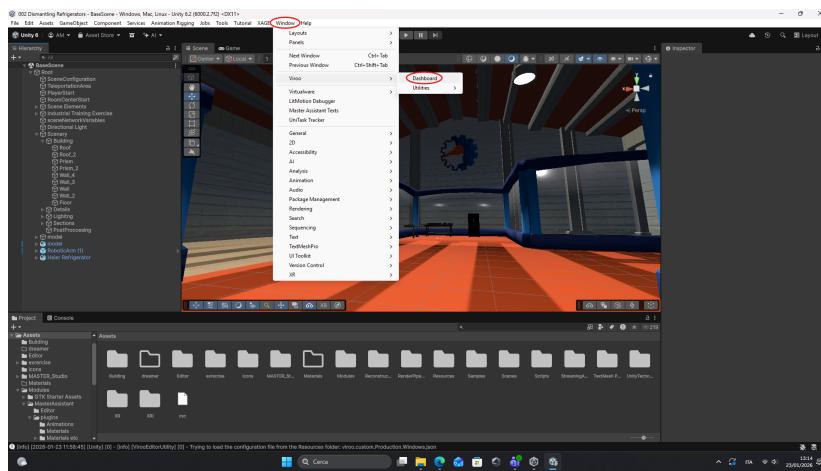
3. **Import the Unity Project into Unity Hub.** From the Unity Hub home screen, click *Add project from disk*, then browse to the folder containing the TI-RAX Unity project (https://bit.ly/ti-rax_app_sources) and confirm. The project will now appear in your list of available Unity projects.



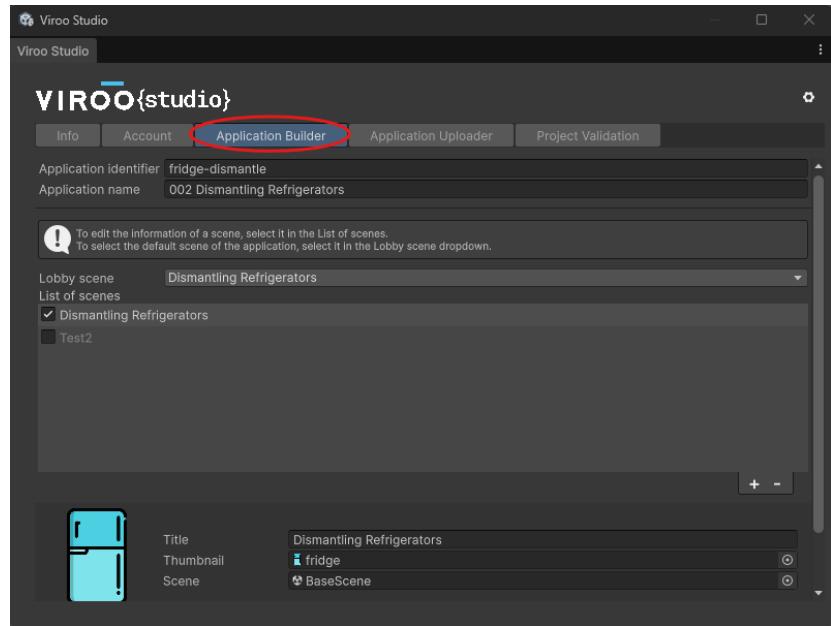
4. **Open the Unity Project.** Click on the TI-RAX project in the Unity Hub, and wait for the project to load. After loading all resources, the Unity Editor will display the project scene.



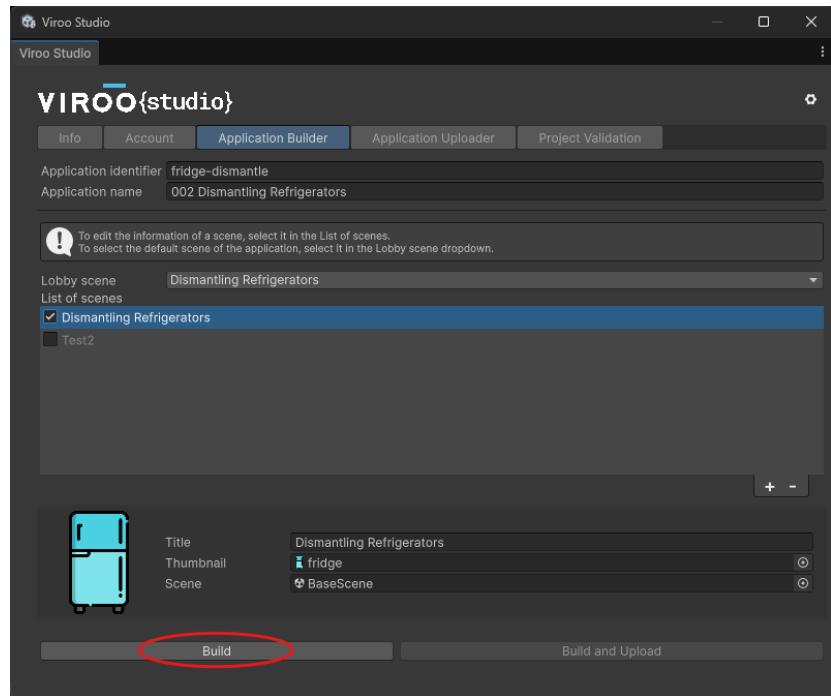
5. **Open the VIROO Application Builder.** In the Unity Editor Menu bar, go to *Windows* -> *Viroo* -> *Dashboard*. Select the Application Builder panel in the VIROO Studio Dashboard window.



6. **Select the Scenes and Set the App Preferences.** Inside the *Application Builder* panel, set up the *Application identifier* and the *Application name*. Select the scenes you want to include in the app and specify the *Lobby scene* (the entry point). Assign a title and optionally a thumbnail to each scene.

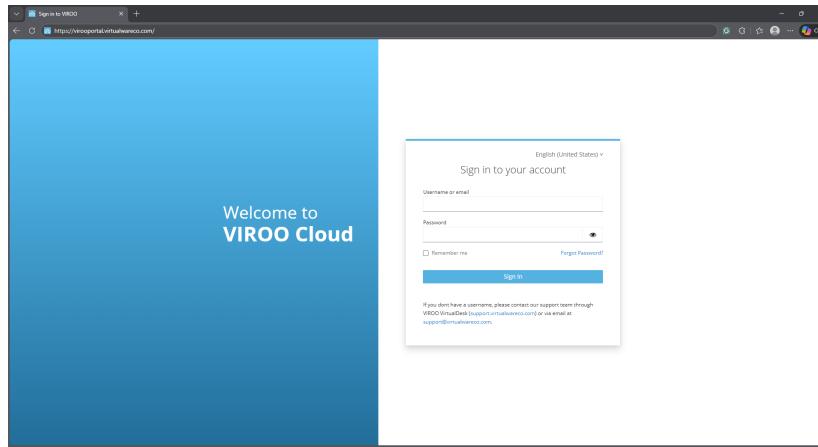


7. **Build the VIROO App.** After configuring the application preferences, click on the *Build* button. Select the location where you want to save the app and wait for the app's zip folder to be created.

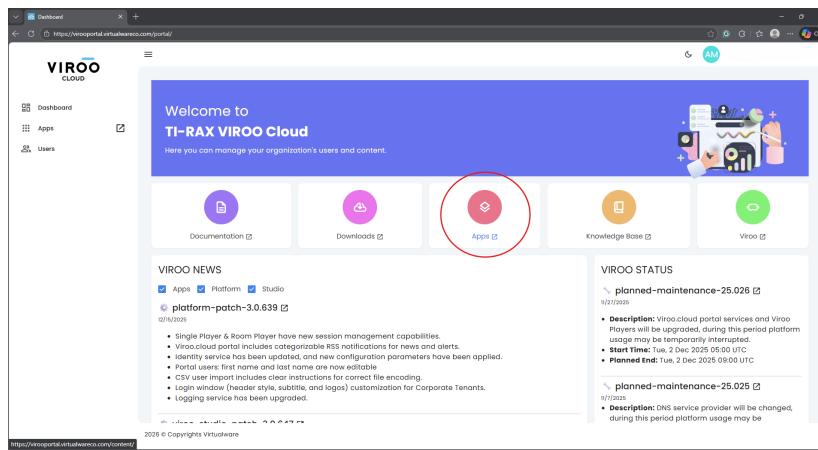


Deployment Procedure

1. **Sign In to your VIROO Cloud Account.** Sign in to the *VIROO Cloud platform* using your account credentials. Use your public credentials to ensure that the app will be accessible for the trainees.



2. **Open the Apps Space.** Navigate inside the *VIROO Cloud Apps filesystem*. Move to the folder in *Viroo -> 3.0*. The developed apps are all compliant with this version.



3. **Deploy your VIROO App.** Finally, upload the application zip file inside *VIROO Cloud*. Once the upload is complete, the trainees can play the application through the *VIROO Player*.

