



YULIO

USING YULIO JUMP WITH SKETCHUP



USER GUIDE

USING YULIO JUMP WITH SKETCHUP

If you currently use SketchUp to create renders, you can now use it with Yulio Jump to cloud render cubemaps or Yulio Jump Perspective to cloud render 2D perspectives.

Yulio is compatible with a wide range of CAD tools even without the use of plugins, providing the content meets our file requirements. Yulio's CAD plugins simply speed up your workflow by generating cube maps from within the CAD software. Learn more about Yulio's file requirements [here](#).

Yulio supports SketchUp 2015 or higher (64-bit version for Windows)

If using V-Ray, version 2 (adv) or higher and V-Ray 3 (adv)

IN THIS SECTION

- Download and Install the Yulio plugin for SketchUp
- Authorize SketchUp to access your Yulio account
- Create your scene in SketchUp
- Configure and render your scene with Yulio Jump
- Prepare your upload



01

DOWNLOAD THE YULIO FOR SKETCHUP PLUGIN


Download and install the Yulio for SketchUp plugin from our CAD plugins page.

<http://yulio.com/plugin/download/>

02

AUTHORIZE SKETCHUP TO ACCESS YOUR YULIO ACCOUNT

This step allows SketchUp to directly export your cubemaps to Yulio, allowing Yulio to create your VR projects.

- Open SketchUp.
- Select the Yulio icon from the SketchUp Toolbar.
- You'll be asked to enter the email address you use with your Yulio account.
- You will receive an email from support@yulio.com with the subject line "Approve SketchUp access to Yulio" advising you that a SketchUp plugin is trying to access your Yulio account.
- Authorize SketchUp to access your Yulio account by clicking **Confirm Plugin Activation**. You'll arrive at a landing page telling you your account has been authenticated.
- You will now be able to render your scene for VR.

03

CREATE YOUR SCENE IN SKETCHUP

Author and prepare your scene for rendering. Double check your camera position to make sure that your scene is optimized for virtual reality.

04

YULIO JUMP: CLOUD RENDERING ENGINE

- **Yulio Jump** is Yulio's cloud rendering product for SketchUp users. With a few simple clicks, jump the rendering timeline and create stunning VR presentations or 2D perspective renders within minutes.

Yulio Jump for SketchUp auto applies material and lighting enhancements, and will turn your SketchUp design into a stunning project ready for VR. Plus, Yulio Jump can automatically generate a project floorplan and auto generate navigation hotspots to your scenes. With a few simple clicks, show off your design in an impressive VR presentation in no time.

05

PREPARE TO UPLOAD

Select the Yulio icon from the SketchUp toolbar.



In the Yulio plugin pop up:

Select Company:

Description: Here you can select the company/Yulio account you would like the project to upload to.

Render With:

Description: Select Yulio Jump or Yulio Jump Perspective.

Lighting Model:

Description: Select Exterior/Bright Space or Interior/Shaded Space. Learn more on the next page.

Select Yulio Folder:

Description: Select the folder within your Yulio account you would like the project to upload to.

Select Scenes:

Description: Select the scenes you wish to render.

Add Navigation Hotspots:

Description: Yulio will auto generate navigational hotspots in your VR project.

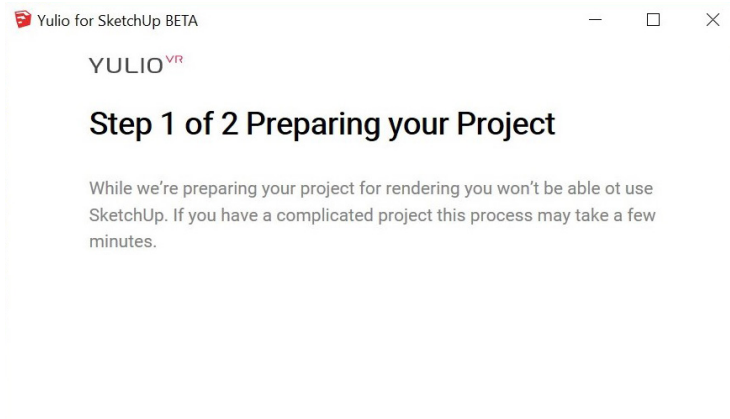
Add Floorplan:

Description: Yulio will automatically build a floorplan from your SketchUp model so users can orient themselves.

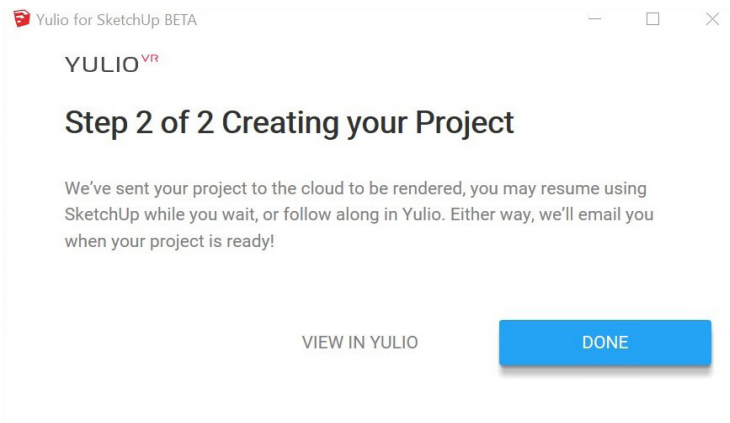
Select **Create Project**.

A screenshot of the 'Yulio for SketchUp' plugin window. The window title is 'Yulio for SketchUp'. In the top right corner, it shows the user's email 'dwarren@yulio.com' and a 'SIGN OUT' link. The main heading is 'Create Yulio VR Project'. Below this, there are several sections: 'SELECT COMPANY' with a dropdown menu showing 'Yulio04' (circled in blue); 'RENDER WITH' with a dropdown menu showing 'Yulio Jump'; 'LIGHTING MODEL' with a dropdown menu showing 'Exterior / Bright spaces'; 'SELECT YULIO FOLDER' with a dropdown menu showing 'Team' and a 'BROWSE' button; 'SELECT SCENES' with a 'Select/Deselect all' checkbox and a list of checked items: 'Scene 1', 'Default', '16 by 9', and '120 FOV'; 'ENHANCE YOUR VR PROJECT:' with two unchecked options: 'Add Navigation Hotspots' (with a description: 'Auto generate navigational hotspots to move between scenes in your project.') and 'Add Floorplan' (with a description: 'Builds a floorplan from your Sketchup file for Yulio, so users can orient themselves in your design. The floorplan will contain all your scenes.'). At the bottom, there are 'CANCEL' and 'CREATE PROJECT' buttons.

- You'll be able to follow the progress in the Rendering and Uploading pop up.



- If you rendered with **Yulio Jump Perspective**, your image files will be sent to you by email.
- If you rendered with **Yulio Jump**, your project will begin processing and be sent directly to your Yulio account. For Yulio Jump, click the [View in Yulio](#) button to go to the project page in Yulio. On the project page you can adjust the file name, enhance with hotspots, share and view in VR.



06

YULIO JUMP LIGHTING MODELS

Exterior / Bright Spaces - Select this lighting model if you have a model with a lot of natural light sources. The Exterior/Bright Spaces lighting model relies on the sun to light the scene. If your scene is outdoors or has a lot of windows, this lighting model is the most accurate and will look the most realistic.

Interior / Shaded Spaces - Select this lighting model if you have a model with few sources of natural light. The Interior/Shaded Spaces lighting model uses a special algorithm that combines sunlight with artificial ambient light. If your scene is fully enclosed or has only a few windows, use this lighting model.

