



SimLab 3D PDF plugin for SketchUp 7 & 8



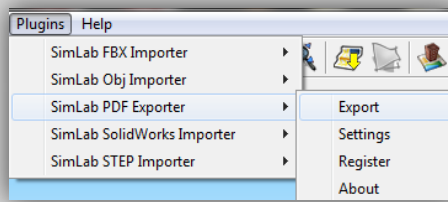
Benefits

3D PDF is the best way to share 3D models with users without risking losing their details. The file recipient will need a free copy of Adobe Acrobat reader (which is already installed on most Windows and Mac machines).

Navigating the 3D model is very easy and can be mastered by none technical users. The file creator has the option to include multiple cameras in the 3D PDF file, and to make the file recipient switch between those predefined cameras.

Installation

The plugin automatically registers itself with Google SketchUp when it is installed. The functionality of the plugin can be accessed from the menu **Plugins -> SimLab PDF Export**



Licensing

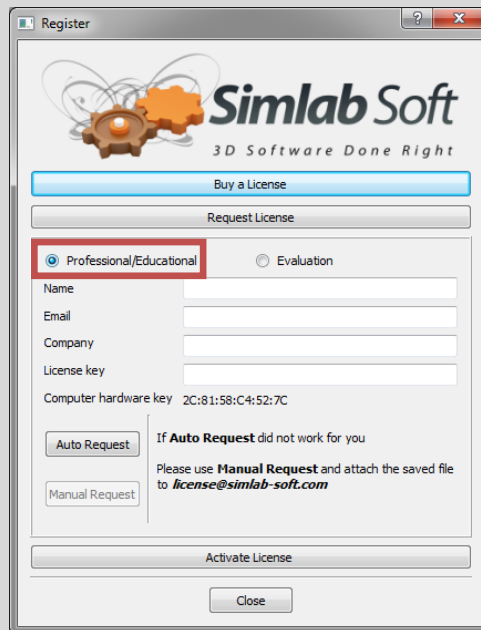
A trial license of the plugin can be requested by clicking **Plugins -> SimLab PDF Export -> Register**, selecting **Evaluation** and filling the needed information.

After that **Auto Request** should be clicked, a trial license will be sent to the user.



The license can be activated by clicking on **Activate License** and selecting the trial license file.

When buying a professional license, the user will receive a software key. The license type should be set to **professional**, and the user needs to fill the information and to enter the software key.

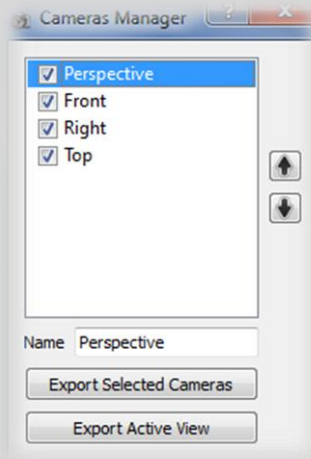


In case **Auto Request** did not work for you, please click on **Manual Request**, this will create a license request file, please send the email to SimLab License (license@simlab-soft.com) to receive the license by email.

Exporting 3D PDF files from SketchUp

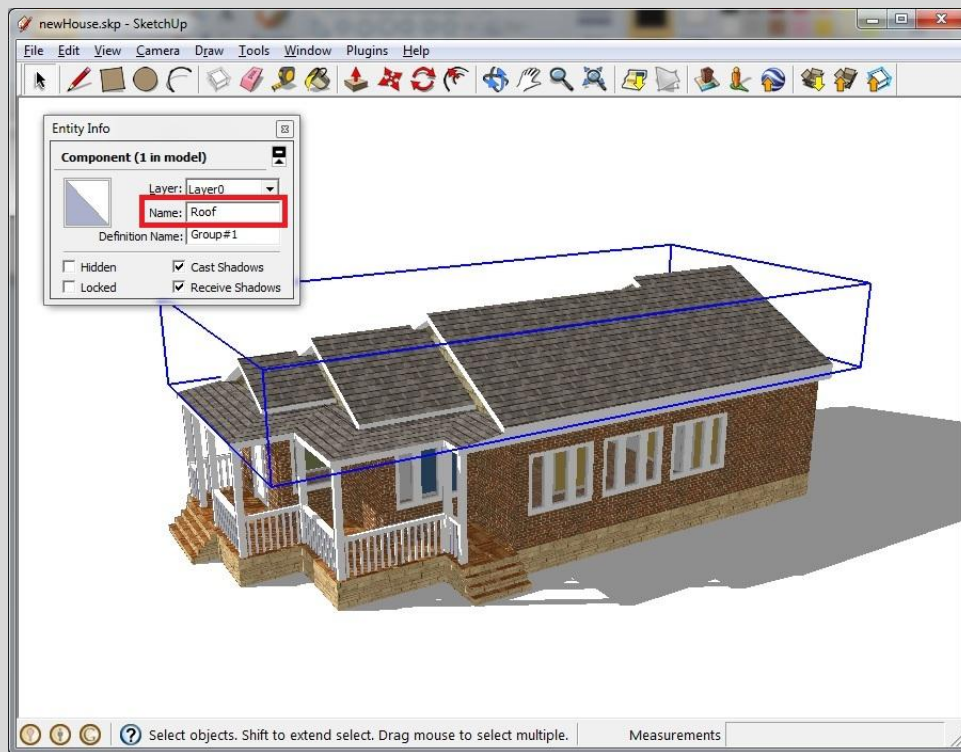
Exporting 3D PDF file can be done by clicking **Plugins -> SimLab PDF Export -> Export**. The user will then be asked to select the output file name.

After selecting the output file name the **camera manager dialog** will appear. Each view in SketchUp will be listed as a camera in this dialog, using the camera manager dialog the user will be able to select the cameras to be included in the generated 3D PDF file, and the order of those cameras. The user will also be able to change the names of those cameras.

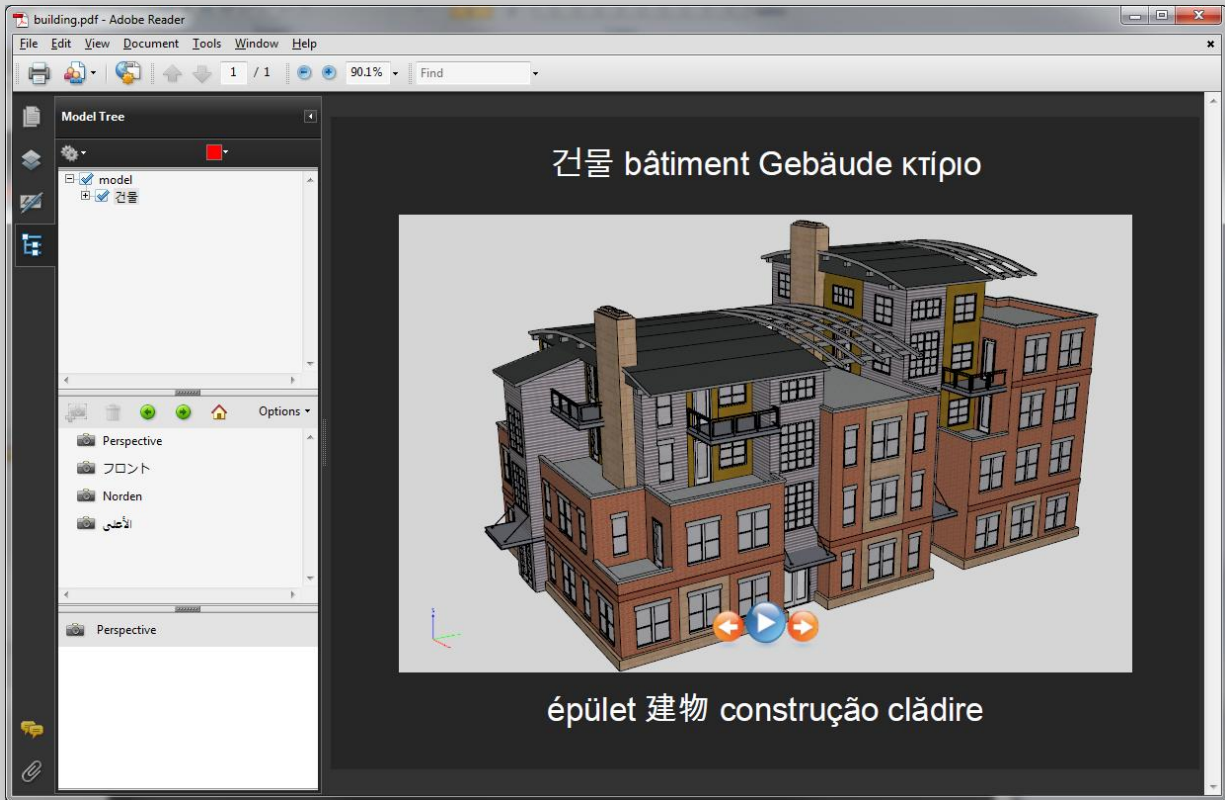
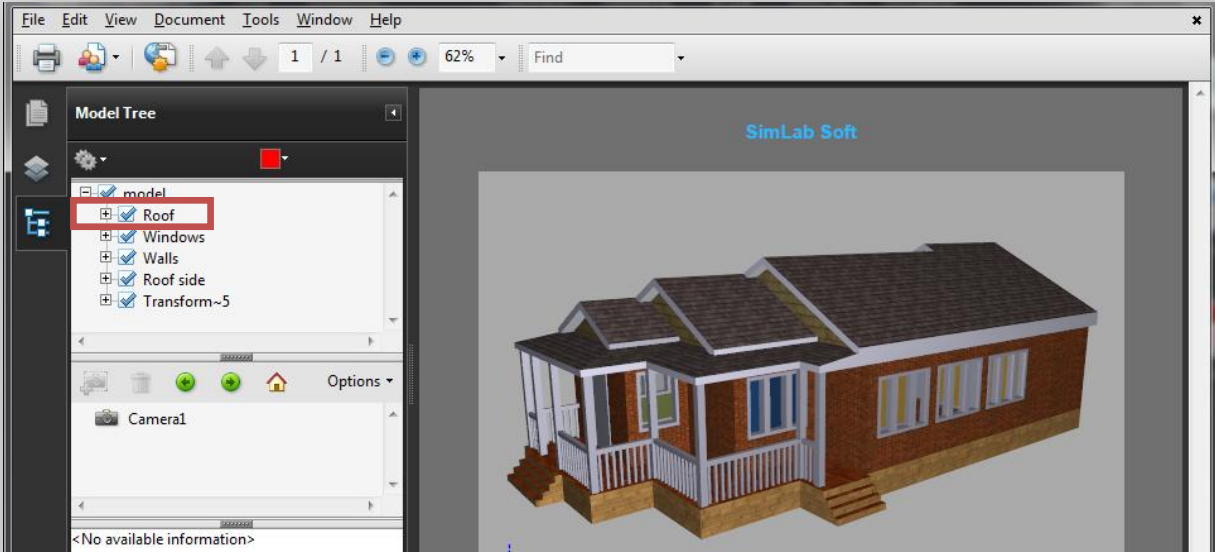


Exporting Component names

Component names used in SketchUp are saved in the generated 3D PDF file; the user can view the model components by clicking the **model tree** button in Acrobat reader. Using the model tree enables the user to hide and show the different parts of the model.

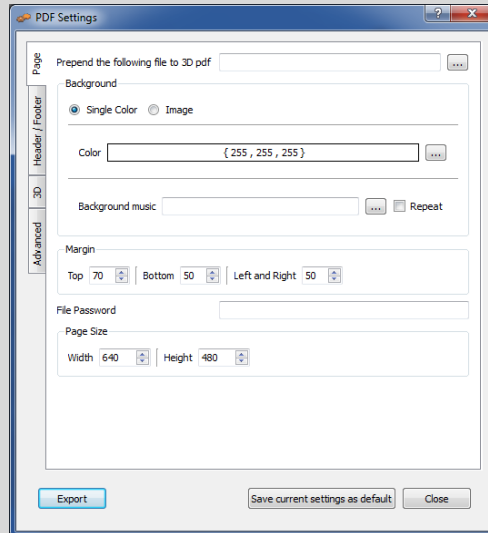


SimLab 3D PDF plugin for Google SketchUp



3D PDF settings

Page Tab



PDF Settings (Page tab)

Prepend the following file to 3D PDF is used for appending two PDF files together. This can be used to append the 3D model to a company's header document, or to a project description.

2D PDF files can be generated using different programs, such as; Acrobat, WinWord, PowerPoint, or Open Office.

Different 3D PDF files generated can also be appended together.

Background setting can be used to change the appearance of the portion of the PDF document, outside the 3D model area, *(Setting for the 3D model's area can be found under the 3D Tab)*. Background can be a single color or an image.

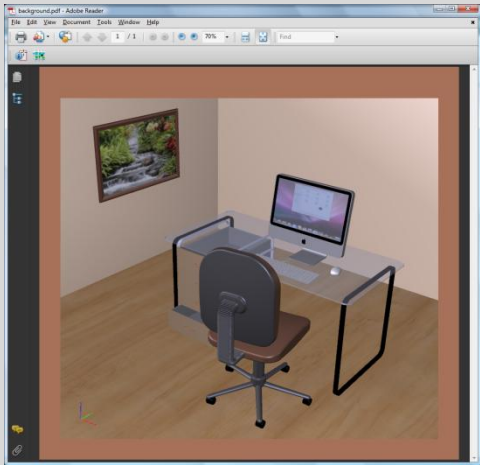
Scale To Fit scales the background image to fit the background area.

Background music enables the user to add music, in 'mp3' format to the created 3D PDF file.

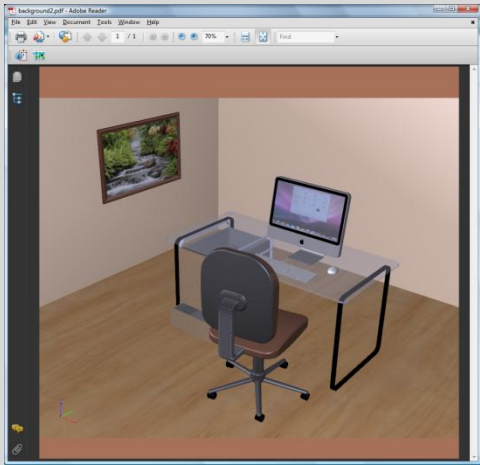
Repeat option makes the music file play continuously while the 3D PDF file is open (the user has the option to stop playing the music).

Margins: determines where the background color or image will be shown. The first image uses left and right margins of 40, while the second one sets them to 0.

SimLab 3D PDF plugin for Google SketchUp



Single Color Background

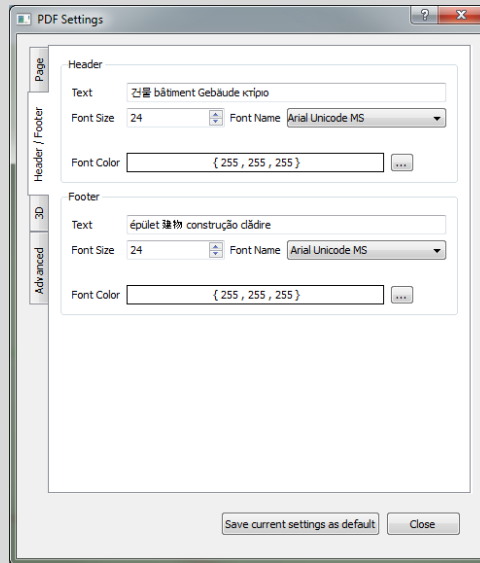


Single Color Background with ZERO Left and Right margins

File Password can be used to add security to created 3D PDF files, the recipient of the file will need the password to open the file.

Page Size determines the page size of the created 3D PDF file.

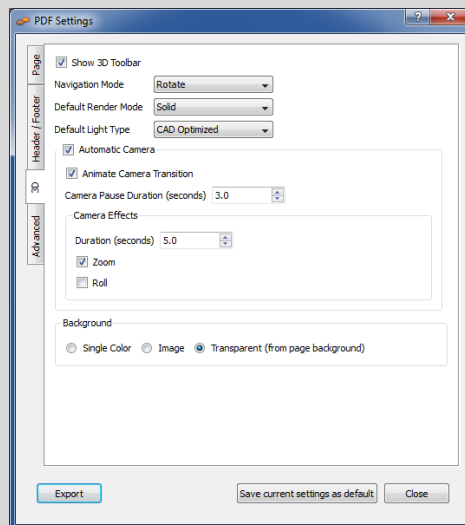
Header/Footer Tab



PDF Settings (Header/Footer tab)

In this tab the user can input text for both header and/or footer of the created 3D PDF file. The color, font, and font size of the text can all be determined in this tab.

3D Tab



PDF Settings (3D tab)

Show 3D Toolbar shows or hides the 3D toolbar in Acrobat reader when opening the 3D PDF file.

Navigation Mode: the user can set the default navigation mode when opening the 3D PDF file to be one of the following **rotate**, **spin** or **walk**

Default Render Mode: enables the user to select the default render mode to be one of the following: **solid**, **solid with wireframe**, **transparent**, **illustration** or **shaded illustration**.

Default Light Type: light type can be one of the following **white, day, night, bright, CAD optimized, artwork, or head lamp.**

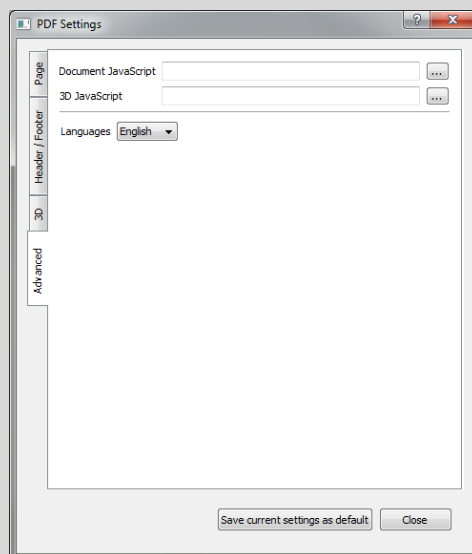
Automatic Camera: This option enables automatic switching between the different cameras in the scene.

When automatic camera is enabled, the user can select the **Camera Pause Duration**, which is the time in seconds for which the camera will stand still before camera effect starts.

The user can select the **camera effect** to be **zoom, roll** or the two combined. The camera effect will take place for the **camera effect duration.**

Background option controls the appearance of the 3D model area. The user can set the background to be either a single color, or an image. To use the same background used in the page, the user can set the 3D background to **Transparent.**

Advance Tab



PDF Settings (Advanced tab)

In this tab advanced users can insert Java scripts to control the PDF document, and the 3D model.

This tab also enables the user to change the interface language; interface languages supported will be listed in the languages compo box, changing the interface language takes effect the next time SketchUp is started.