Animating grasshopper geometry

The following are instructions to animate the grasshopper geometry and create a GIF file using Screen2GIF software.

Step1: Select all your components, and click on the mouse wheel, then disable the preview off all functions.



Step 2: Place one wireframe component (disable its preview as well)



Step 3: Place TWO custom display component

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Step 4: Place TWO color swatch component and set one to black and the other to 90% brightness

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Step 5: Connect the components as the following



Step 6: Call the function Grid on rhino

And disable: ShowGrid, ShowGridAxes and ShowWorldAxes.

Example - Animate.3dm (25 KB) - Rhinoceros 6 Educational Lab License - [Perspective]

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Step 7: create a new empty layer, make it as default, and disable the preview of all other layers



Step 8: Change the perspective preview to Isometric and SE



Make sure your geometry is the center by panning it to the viewport center.



Step 9: Right click on all the sliders you need to animate

Then select a folder for each animation slider.





Step 10: Use any software or website of your choice to create the GIF file, we recommend the Screen2GIF opensource software from www.screentogif.com



Step 11: Open Screen2GIF application after installation and select the editor.



Step 12: Choose open to import all animates files



Step 13: Select all files in the animation folders you created by repeating the operation untill all files are in order.



Step 14: Select all the frames at the bottom.



Step 15: Select edit tab and change the duration of each frame to the lowest 10ms and confirm the choice.





Step 16: Make sure your animate is as desired by playing the sequence you selected.

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Step 17: Save the animated GIF by your last name and the first letter of your first name, then - , then the latter of your choice.