Importing a PPT page as Billboard

Alice 3 Tricks in Mini Trivia (3/4)

About the Mini Trivia Challenge

Mini Trivia is a four-question game created by Vicki Zhang. The author explains four useful topics involved in separate tutorials:

1. scorekeeper
2. asking user for an answer
3. billboard
4. multi-layered object clicking

This tutorial explains how to create PPT billboard. Start by downloading Mini Trivia_Challenge 3 PPT Billboard_Start

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June 2017
To get started

• Create a PPT page
• Tips: Make the font big and clear, and set the background to black, so that the text stands out more in Alice.
• When completed, select **File – Export** your PPT page(s) in PNG format.
• Keep in mind where you’re exporting these pages to.

Adding a billboard

Name it “**instructions**”
Select **front paint** and then **Import Image**
Find your PPT page PNG (if multiple, one at a time).
Positioning

Think of the PPT billboard as an object and use the handle style, especially Move and Resize adjust its position and size, so that the page is clear when you run the program.

A word on positioning and resizing

Make use of the arrows in Move and Resize.

For example, in Move, the upward arrow navigates the vertical path of the object. In concrete, if you click and hold this arrow, and drag upward (downward), the object rises (falls) vertically. Similarly, the rightward arrow controls right and left.

In Resize, this tilted arrow enlarges (shrinks) the object if you pull it outward (inward).
The look

You could use the billboard like a regular object, as it has certain procedures and properties as well.

Let’s now work at the “hide/show rules.”

Hide/Show Rules

• We have finished setting up the scene.
• Now let’s go to “Edit Code”—”Initialize Event Listeners” folder
• Keep scrolling and you’ll find two successive columns involving “rules”, “hide” and “nemo”.

*Nemo is just a placeholder for the instruction billboard we just created 😊
Hide/Show Rules

For both blocks, click on `this.nemo` and select `this.instructions`.

“Hide/Show Rules” Signs

You could try to figure out how I played with the “hide rules” and “show rules” texts.

Basically, when the “show rules” sign is at 1.0 opacity, i.e. entirely visible, the instruction billboard and the “hide rules” sign should both be hidden, and vice versa.
Done!

• Run the program and play around with it (even though you now know the answers).

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