

Scratch 編程工作坊(2) Platform Game 率台遊戲



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Create a new sprite

1. Click on Upload Sprite from file. (上傳角色檔案)

Player Sprite	Sensor Sprite	Background
mario.png	leftHitTest.png rightHitTest.png topHitTest.png bottomHitTest.png	map0_0.png map0_1.png map1_0.png map1_1.png



B. Map Sprites

 Click on map0_0 and add the script on the right.





B. Map Sprites

In general, the map sprite that is **x** screens to the right of the center sprite and **y** screens above the center sprite is called mapx_y in this example

0,2	1,2	2,2
0,1	1,1	1,2
0,0	0,1	0,2









C. Sensor Sprites

- Local variable:
 - hitTest





D. Player Sprite

- Global varibles:
 - scroll-x
 - scroll-y
 - yVelocity
- Move to the Right...
- How to move to the Left?





Player Sprite

• Move to the Top & Bottom...

 How to deal with Gravity?





Reference

 Scrolling Platformer Tutorial - Scratch Wiki <u>https://wiki.scratch.mit.edu/wiki/</u> <u>Scrolling Platformer Tutorial</u>

