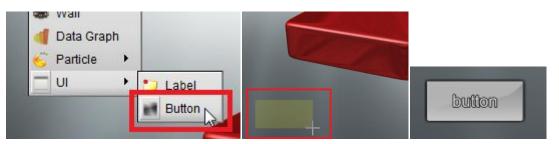
## How to Make a Button to Change Object Properties

 We believe, if you want to make some interactive presentation, you must need make an navigation or some buttons to control your object. In this tutorial, you can learn this skill. First, create a round-rect.



2. Click object and select UI -> Button, then click on the render window and drag mouse to create a button.



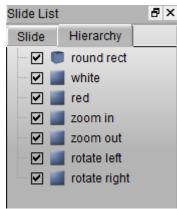
3. Double click on the button, open the "UI Node Setup", we can use any image to replace the current one. And you can set the text on the button, if you don't need the text, just delete it.

R	UI Node Setup	? 🔀
[	Text	button
	Image	)/sample/media/textures/whiterect.png
	UI Layer	Front Layer
		OK Cancel

4. Select our icon and create some buttons. Look at this picture.



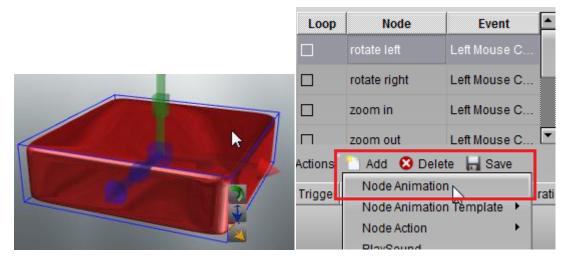
5. In order to differentiate buttons, we can rename these buttons in the Slide hierarchy list.



6. Select a button and add a "Left Mouse Click" event for this node. Then you can select other button and add event one by one. At last, we added six events for every button.

		Interactiv	e	
		Events	🛅 Add 🛛 😣 De	lete
Events	🛅 Add 🛛 😣 Delete	Loop	Node	Event 🔺
Loop	Slide Show		rotate left	Left Mouse C
	KeyPress		rotate right	Left Mouse C
	KeyRelease		zoom in	Left Mouse C
Left Mouse Click	Node 🕨		zoom out	Left Mouse C
Middle Mouse Click				
Right Mouse Click			white	Left Mouse C
Mouse Hover	🗋 Add 😢 Delete 🔚		red	Left Mouse C 💌

7. Next, we need add different animation for different button. First, we need select the round-rect and add a "Node Animation".



8. Select each event in the event list, and add the "Node Animation" one by one. In the "Node Animation" dialog, set "Rotation", "Movement" and "Color". The "rotate left" button: set Y

rotation to -30; "rotate right" button: set Y rotation to 30; "zoom in" button: set Z movement to 20; "zoom out" button: set Z movement to -20; white button: set color property to white; red button: set color property to red.

🐼 Node Animation	? <mark>*</mark>
Action Name round rect_Ani	Delay 0.00 🖉 Duration 1.00 🐼 🗖 Finish Hidden
Repeat (None)	Speed 🖌 InOutQuad 💌
Movement In X 0.00 Y 0.00	Z 0.00 0.00 Duration 1.00
	00 💦 Z 0.00 🧭 Delay 0.00 🐼 Duration 1.00 🐼
□ Scale □ In X 1.00 Y 1.00	Z 1.00 Delay 0.00 Duration 1.00
😧 Node Animation	-?- <b>-</b> ?-
Action Name round rect_Ani	Delay 0.00 🐼 Duration 1.00 🐼 🗖 Finish Hidden
Repeat (None)	Speed 🖌 InOutQuad 💌
Movement In X 0.00 Y 0.00	S Z 20.00 C Duration 1.00
I Rotation In X 0.00 Y 0.00	Z 0.00 Delay 0.00 Duration 1.00
□ Scale □ In X 1.00 Y 1.00	Z 1.00 Delay 0.00 Duration 1.00
Node Animation	? 💌
Action Name round rect_Ani	Delay 0.00 🐼 Duration 1.00 🐼 🗆 Finish Hidden
Repeat (None)	Speed 🖌 InOutQuad 💽
Movement In X 0.00 Y 0.00	Z 0.00 0.00 Duration 1.00
□ Rotation □ In X 0.00 Y 0.00	Z 0.00 Delay 0.00 Duration 1.00
□ Scale □ In X 1.00 Y 1.00	Z 1.00 Delay 0.00 Duration 1.00
Transparency In Alpha 1.00	Delay 0.00 Duration 1.00
Content	Delay 0.00
	OK Cancel

9. If you want create a button to control the round-rect alpha, let's do it. Create a button, set color to black and text to Alpha.



10. Select the alpha button and add a "Left Click Mouse" event, then select the round-rect add 2 actions for it. In the "Node Animation" dialog, select "Transparency", another one we need check "In".

🕜 Node Animation			? 💌
Action Name round rect_Ani	Delay 0.00	Duration 1.00	😺 🗖 Finish Hidden
Repeat (None)	💌 Speed 🖊 Linea		
☐ Movement ☐ In X 0.00 Y 0.00	Z 0.00	0.00	Duration 1.00
Rotation In X 0.00 Y 0.00	Z 0.00	Delay 0.00	Duration 1.00
□ Scale □ In X 1.00	Z 1.00	Delay 0.00	Duration 1.00
Transparency In Alpha 1.00		Delay 0.00	Duration 1.00
😨 Node Animation			? 💌
Node Animation     Action Name round rect_Ani	Delay 0.00 🛞	Duration 1.00	🔋 💌
	Delay 0.00 🐼		~ -
Action Name round rect_Ani			~ -
Action Name round rect_Ani Repeat (None) Movement In X 0.00 Y 0.00 Rotation In X 0.00 Y 0.00	Speed Z Linea	· •	Finish Hidden
Action Name round rect_Ani Repeat (None) Movement In X 0.00 Y 0.00 Rotation	<ul> <li>✓ Speed ∠ Linear</li> <li>✓ Z 0.00 ○</li> <li>✓ Z 0.00 ○</li> </ul>	0.00	Duration 1.00

11. At last, we finished the alpha control animation. Just click "Preview" button, have fun.

	Alpha L	eft Mouse Cli	ck 🔽	
Actions	🛅 Add 🙁 Del	ete 🔚 Save	•	
Trigger	Action	Start Time	Duratic	
	round rect_Ani	0	1	
	round rect_Ani	0	1	
	N			

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