Changing the logic nodes execution order
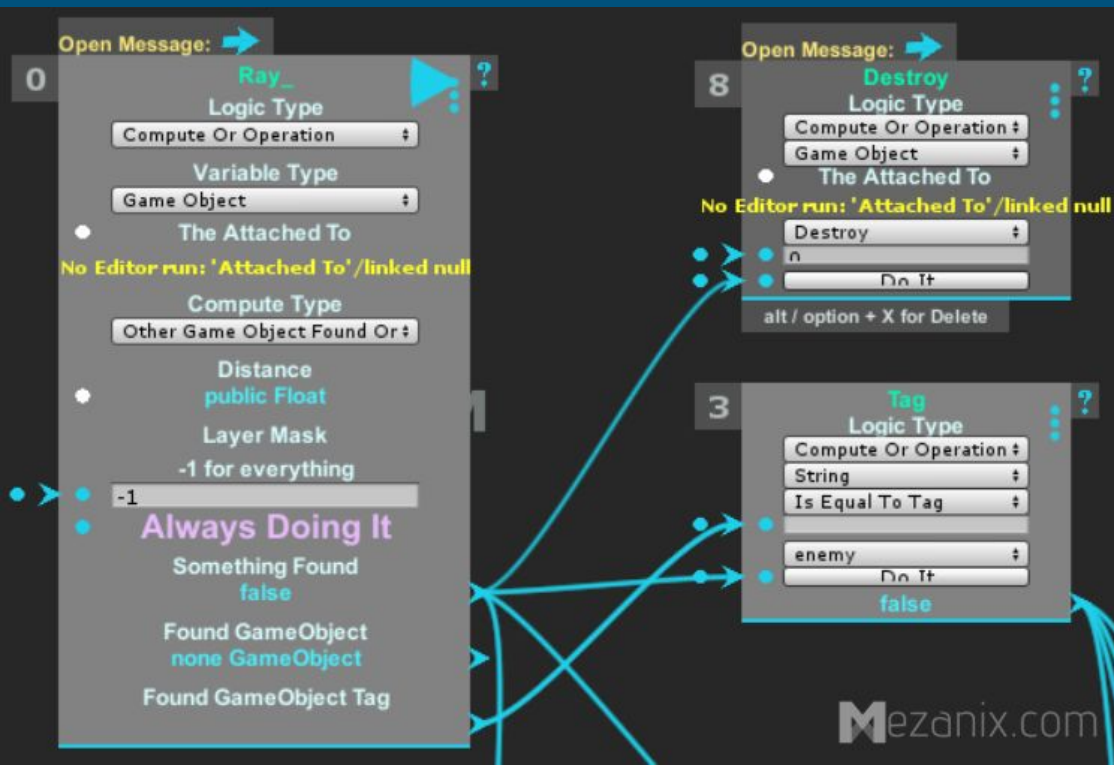
Control your graph

In Order to have control on your graph, you can change the logics execution order, to have more control, you can also change the logic nodes execution order.

A Diamond graph has 2 levels, the first level is the states, the second level is that in every state you can define one or more logics. Now, in each logic, you can define a bunch of logic nodes that have inputs outputs and operations. The logic nodes are the building blocks of a Diamond graph.

Control your graph

So now let's return to our subject of changing the logic nodes execution order. On a logic node, the execution order is the number shown at the top left of the node.
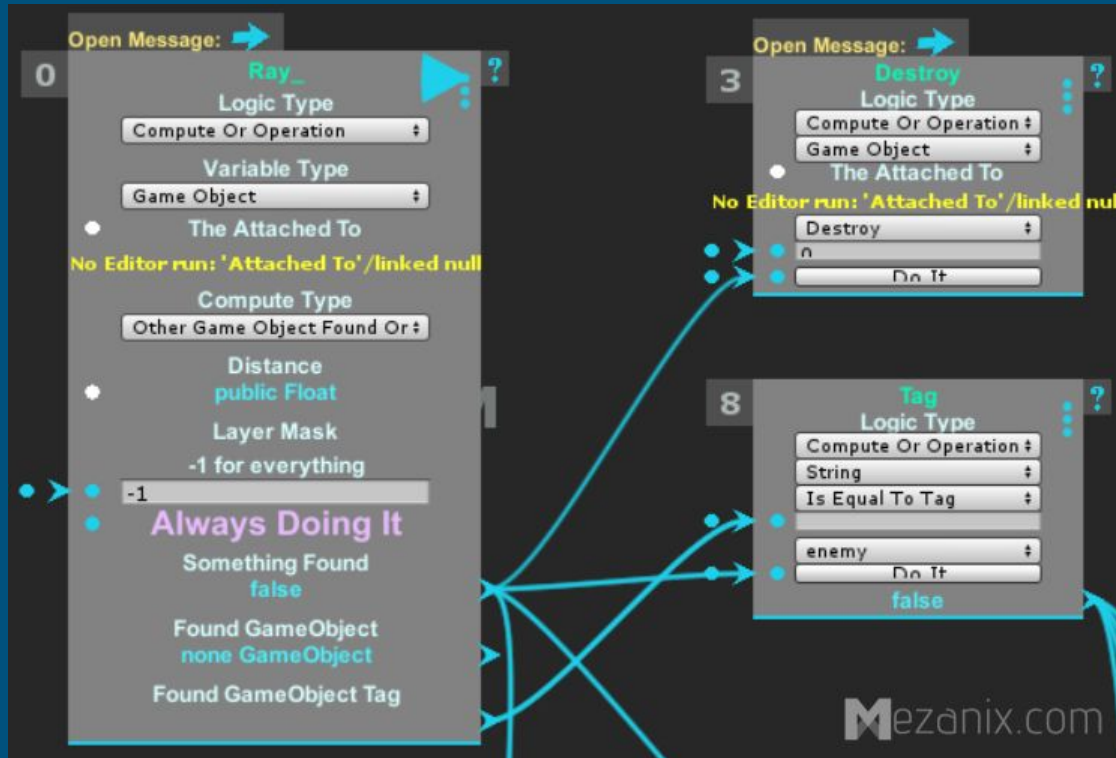

This image shows the logic of a moving bullet, the logic node Ray check if something is found in the way of the bullet. If so the logic node Tag checks the tag of the found object and the logic node Destroy will destroy the bullet itself. this logic works fine because the logic node Tag is executed in the third order and the bullet destroys itself in the 8th order.

Control your graph

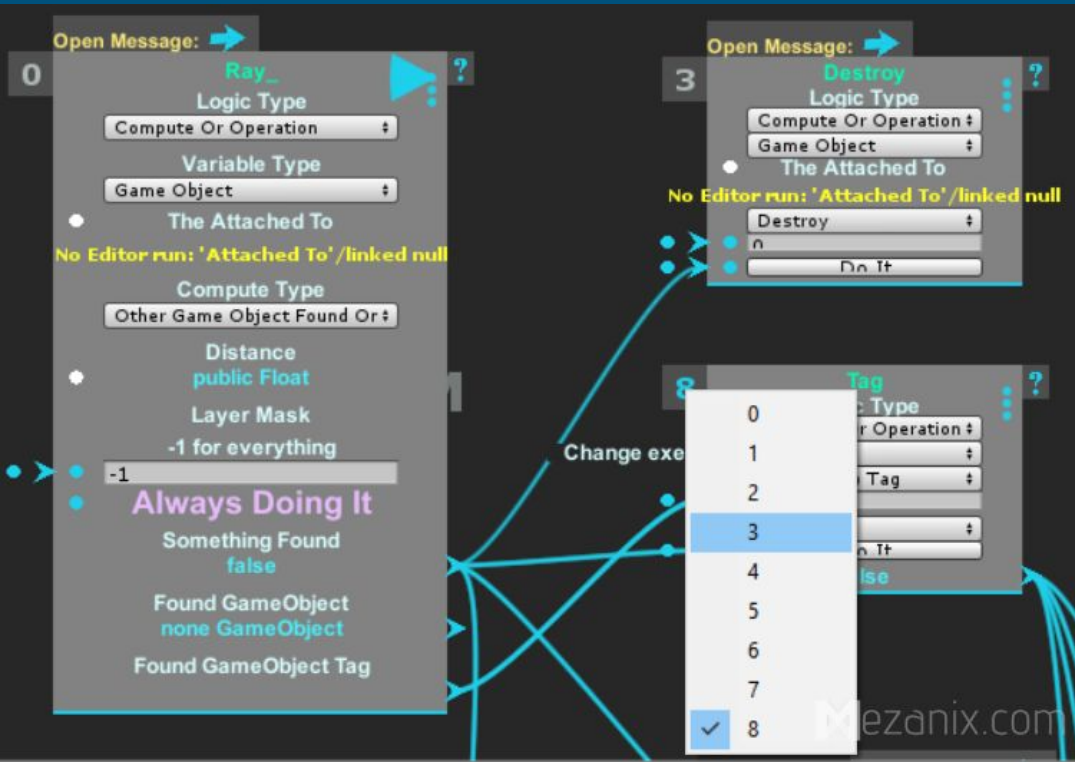Imagine now that we change the execution order like the following:

In this case, the bullet will destroy itself before checking the Tag of the found object, and because the bullet is responsible for the tag checking, the tag checking will never be executed because the bullet is already destroyed.

Control your graph

This why in Diamond you can change the logic node execution order by clicking on the number on the top left of the logic node.

End

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