mud lecture

[Middle Lesson] 13. Trigger Programming - TRIG-MRGN Loop

why do you ask
2014. 2. 24. 9:51

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This course is the last course on trigger programming fundamentals.
From now on, I will write a number of eudasm-related manuals, not lectures.

As this is the last lecture, let's have some fun.
Episode 12 was too tight.

This course is a type of course that completes the 12 lessons.
Let's learn about the TRIG-MRGN loop technique.

The idea is simple.

A TRIG paragraph can contain many triggers.
Two triggers can be placed on the MRGN short circuit.
The trigger for the MRGN short can be changed in real time, but the trigger for the TRIG short is very tricky to change.
Therefore, trigger programming has been putting the trigger on the MRGN short circuit.

By the way, putting two triggers in the MRGN short circuit is all you need.
Very upset.
However, putting the trigger directly in the STR section seems like too many things to consider, ORT PRT or whatever.
I think it's good for mental health to write triggers in MRGN or TRIG paragraphs.

> In this tutorial, we will create a trigger that initializes ORT and PRT. Eventually we'll put the trigger in the STR section. That's much more convenient.

Therefore, we want to mix the following two advantages:
 - triggers at fixed offsets like MRGN shorts
 - A trigger that can put a huge amount of triggers, such as a TRIG short circuit.

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 - **Leave MRGN's next as the TRIG trigger and let the TRIG -> MRGN -> TRIG -> MRGN -> ... loop continue.**
 - This way, the TRIG paragraph will transform the MRGN trigger in real time and make it look like a huge amount of triggers are running on the MRGN.

Well, actually, the TRIG-MRGN loop is a bit difficult to use for anything other than initializing PRT and ORT.
Just follow along, thinking this is the last step to understanding eudasm.

Drawing is too cumbersome, so I omit the drawing.

 1. P1 copies PlayerTriggerStruct's next (i.e. pointer to P1's 1st trigger) to MRGN trigger's next.
 2. Set the next of PlayerTriggerStruct in P2 to MRGN.

With this, all preparations are complete.

Examples are omitted. Analyze the eudasm later.
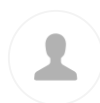

PS)
The trigger programming basics course is over. I think it ended too abruptly
As I was writing this for the 12th lesson, I felt very clearly, 'Oh, I can't write this lecture so hard.'
I don't have time now.

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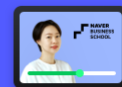
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