
Question

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Run All Business Rules in Router & Combine Results

Hi

We have several rules in router to validate HL7 messages, each rule check a particular field in HL7 message and send back response. We want to run all rules and combine the rules responses into some variable/object and at the end if variable/object is empty it means message is valid, else send the value from this variable/object. This way one message we dont run it again and again, and we can send one message and response will give us combine results from all rules.

For example,

Rule 1 - Check MSH.12 field, Send response "MSH.12 value not valid", and RETURN

Rule 2 - Check PID.3 field, Send response "PID.3 value not valid", and RETURN

Rule 3 - Check PD1.3 field, Send response "PV1.5 value not valid" and RETURN

So we will change the rules a below

Rule 1 - Check MSH.12 field, Add response "MSH.12 value not valid" to some XXX Variable/Object

Rule 2 - Check PID.3 field, Add response "PID.3 value not valid", to some XXX Variable/Object

Rule 3 - Check PD1.3 field, Add response "PV1.5 value not valid" to some XXX Variable/Object

Instead of getting single response, we want to show value from XXX Variable/Object with combine response "MSH.12 value not valid", "PV1.4 value not valid"

any guidance is appreciated.

Thanks

[#Business Rules](#) [#HL7](#) [#Ensemble](#) [#HealthShare](#)

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