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Question

[Jimmy Christian](#) · Feb 8, 2019

## How to use Object Scripts within Ensemble Rule class Ens.Rule.Definition

Hello,

I have a Rule Class which receives the HL7 message and sends it to the concerned target based on the condition.

```
///
Class XYZ Extends Ens.Rule.Definition [ CompileAfter = CUSTOM.Util.Rules.FunctionSet ]
{

Parameter RuleAssistClass = "EnsLib.HL7.MsgRouter.RuleAssist";

XData RuleDefinition [ XMLNamespace = "http://www.intersystems.com/rule" ]
{
<ruleDefinition alias="" context="EnsLib.HL7.MsgRouter.RoutingEngine" production="ABCProduction">
<ruleSet name="" effectiveBegin="" effectiveEnd="">
<rule name="">
<when condition=" (SearchOBXFlag(Document,&quot;searchvalue&quot;))">
<send transform="DTL.dtl" target="ToOperation"></send>
<return></return>
</when>
.....

.

.

.

}
```

Condition uses return status of a function SearchOBXFlag from another class.

How do i create a rule class to have an embedded function which loops through an HL7 message and returns a value upon which i can route my message?

I dont want the SearchOBXFlag to exist in another ruleset class. Is there a option?

Thanks,

Jimmy Christian

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

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Source

URL:<https://community.intersystems.com/post/how-use-object-scripts-within-ensemble-rule-class-ensruledefinition>