
Question

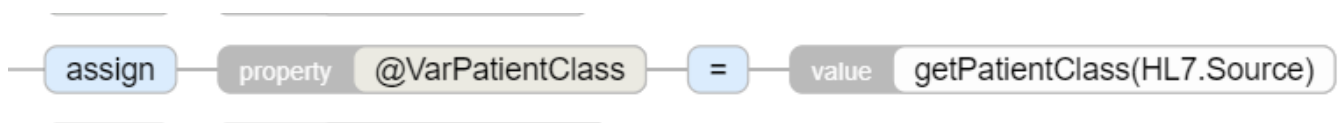
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how to assign value to variable in business rules using a function?

Hi

I want to check patient class in multiple rules, since the message structure is different to reach out to patient class value, i created a method to get the patient class and put it in a variable. This variable i can use in multiple rules. But somehow function is not able to read the HL7 message. Any tips.

In rules i have this assign line.



Function code looks like this, but in the msg pHL7 dont contain any. I tried getPatientClass(HL7) as well as getPatientClass(HL7.Source)

```
ClassMethod getPatientClass(pHL7 As EnsLib.HL7.Message) As %String
{ try{
SET msgType = pHL7.GetValueAt("MSH:9") //MSH:MessageType.TriggerEvent
```

```
IF msgType="A39"||msgType="A40"{ //cheching merge msgs
return pHL7.GetValueAt("PIDgrp(1).PV1:PatientClass")}
```

```
IF msgType="A45"{
return pHL7.GetValueAt("MRGgrp(1).PV1:PatientClass")}
```

```
IF msgType="A20"||msgType="A30"||msgType="A47"{ //checking merge msgs
return "U"}
```

```
IF msgType="O01"||msgType="O11"||msgType="O09"{ //checking medication msgs
return pHL7.GetValueAt("PIDgrp.PV1grp.PV1:PatientClass")}
```

```
IF msgType="R01"{ //checking lab msgs
return pHL7.GetValueAt("PIDgrpgrp(1).PIDgrp.PV1grp.PV1:PatientClass")}
```

```
IF msgType="T11"||msgType="T02"||msgType="T04"||msgType="T08"{ //checking document msgs
return pHL7.GetValueAt("PV1:PatientClass")}
```

```
return pHL7.GetValueAt("PV1:PatientClass")
```

```
}
```

```
Catch e {
```

```
return "U" //return unknown in case of error so validation will be ignore
```

```
}
```

```
}
```

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

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