

Question

[Salma Sarwar](#) · Sep 6, 2019

Replace Non ASCII Character with value

Hi All

I am writing a class to take a general HL7 replace the non ASCII characters in all the segments to construct another message. I have the following solution working to an extent however it is inserting `/` at the end of the segments that have been transformed. Firstly is this the correct approach and secondly how do I get rid of `/` at the end of the segment that is affected?

Thank you for your help.

```
ClassMethod Transform(source As EnsLib.HL7.Message, Output target As EnsLib.HL7.Message) As %Status
{
```

```
Set $ZT="Trap",tSC=$$$OK
```

```
Do {
```

```
Try {
```

```
#Dim tMSHin As EnsLib.HL7.Segment
```

```
#Dim tSegIn As EnsLib.HL7.Segment
```

```
#Dim tSegOut As EnsLib.HL7.Segment
```

```
#Dim tmp As EnsLib.HL7.Segment
```

```
#Dim tSegString as %String
```

```
#Dim NonASCIIChar as %String="©"
```

```
#Dim ASCIIChar as %String="(c)"
```

```
Set target = ##class(EnsLib.HL7.Message).%New()
```

```
Set:source.DocType=''" target.DocType=source.DocType
```

```
Set tMSHin = source.GetSegmentAt(1, .tSC)
```

```
For i = 1:tMSHin.Count
```

```
{
```

```
Set tSC = target.SetValueAt(tMSHin.GetValueAt(i),"1:"_i)
```

```
}
```

```
//get the data lookup characters
```

```
//check each segment for each of the character
```

```
For i = 2:source.SegCount
```

```
{
```

```
Set tSegIn = source.GetSegmentAt(i,.tSC)
```

```
Set tSegOut = tSegIn.%ConstructClone()
```

```
//get all the fields within the segment
```

```
set tIndex =0
```

```
while $FIND(tSegIn.OutputToString(),"©",tIndex) > 0 {
```

```
set mystr=$Replace(tSegIn.OutputToString(),"©","(C)")
set tSegOut=##class(EnsLib.HL7.Segment).ImportFromString(mystr,.tSC)
do tSegIn.SetValueAt(tSegOut,i)
set tIndex=$FIND(tSegIn.OutputToString(),"©",tIndex)+1

}

set tSC=target.AppendSegment(tSegOut)

}

}

Catch ex
{
Set tSC=ex.AsStatus()
}

} while (0)
Exit
Quit tSC
Trap
Set $ZT="",tSC=$$$$EnsSystemError
Goto Exit
}
```

Kind Regards,

Salma

[#Ensemble](#)

Source URL: <https://community.intersystems.com/post/replace-non-ascii-character-value>