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Question

[Salma Sarwar](#) · Oct 6, 2020

## Programmatically define new message and segment without %Clone

Hi

I would like to create a new message of a particular type and append various segments programmatically. I have started with the following snippet. What I am currently finding difficult is to define a segment of a particular segment structure. I would like to append a pid segment of 2.3.1 to my message. I know I could use the `importfromstring` but I wanted to know whether there was a better way of achieving this.

```
Set tOutputMessage = ##class(EnsLib.HL7.Message).%New()  
Set target.DocType="2.3.1:DFTP03"
```

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

```
s tPID.SegTypeName ="PID"
```

Any help would be much appreciated.

Kind Regards,

Salma

[#Code Snippet](#) [#HL7](#) [#Caché](#) [#HealthShare](#)

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Source

URL: <https://community.intersystems.com/post/programmatically-define-new-message-and-segment-without-clone>