
Question

[Scott Beeson](#) · Feb 5, 2016

Difference between DO and GOTO in a macro procedure?

```
selecttype ; select gateway or ihe  
read "Deployment Type? (G)ateway or (I)HE: ", dtype
```

```
dataentry ; first data entry routine  
if (dtype="G") {  
  set dtypeFull = "Gateway"  
} elseif (dtype="I") {  
  set dtypeFull = "IHE"  
} else {  
  write !,"Invalid Choice",!  
  goto selecttype  
}  
Write !, "Starting ", dtypeFull, " deployment..."
```

This was what I first wrote. Here is the test, first putting in an invalid value:

```
Deployment Type? (G)ateway or (I)HE: F  
Invalid Choice  
Deployment Type? (G)ateway or (I)HE: G  
Starting Gateway deployment...
```

Then I saw this tutorial page where they call a method with "do". So, I changed my "TODO" to a "DO". Absolutely no other changes, now if I do the same test, here are the results:

```
Deployment Type? (G)ateway or (I)HE: F  
Invalid Choice  
Deployment Type? (G)ateway or (I)HE: G  
Starting Gateway deployment...  
Starting Gateway deployment...
```

Why does it output the last line twice with "DO"?

[#ObjectScript](#) [#Caché](#)

Source URL: <https://community.intersystems.com/post/difference-between-do-and-goto-macro-procedure>