



Clearing CDS Queries Defaulted by NUR

by Marvin Johnson RN, MS

marvin.johnson@capitassolutions.com

There is a setting in the NUR Intervention Dictionary to automatically default the last documentation of each query on the CDS. Occasionally hospitals want exclude a small number of these queries from defaulting. Unfortunately, MEDITECH does not provide this functionality.

The solution is not to prevent the query values from defaulting, but rather use CDS Attributes to clear the values of the query as soon as the screen has painted.

Step1 – Create an NPR Report Macro

The code needed to effectively clear queries is too extensive to code directly into a CDS Attribute. Therefore, we need to create an NPR Report Macro. This macro will later be called by a CDS Attribute with very little code.

Start by creating NPR Report called in the “MIS” DPM. Name it something like “zcus.cap.macros”. All you need to do is give the report a Title, set it to Active, and file.

Next, create a macro called “clear” with the code below, file, and translate.

```
IF{A#2S="DT";
A%0^ANS,
@POS,
@CLEAR};

POS
""^SUB,DO{>/POS[SUB]^SUB ""^/POS[SUB]},
""^R,
DO{+/G.MSE.CDS[R]^R ""^S,
DO{+/G.MSE.CDS[R,S],X)^S .,
IF{X|2 Q(R,S,X|0-S)^/POS[X|1,X|2+1];
Q(R,S,X|0-S)^/POS[X|1]},
```

```

IF{X|3 Q(ROW, COL)^/ARROW[X|1]}}

CLEAR
DO{B U(B)^QRY,
IF{/DONE[QRY,/RECALL#1S,/RECALL#2S,/RECALL#3S,/RECALL#4S];
@MIS.QUERY.multiple[QRY]="Y" @MULTI;
@SINGLE}}

MULTI
""^SEQ,
DO{+/[ANS,QRY,"M",SEQ]^SEQ ""^[ANS,QRY,"M",SEQ]},
""^SEQ,
DO{+/POS[QRY,SEQ]^SEQ /POS[QRY,SEQ]|0^R,
/POS[QRY,SEQ]|1^S,
/POS[QRY,SEQ]|2^L,
@PAINT},
IF{/ARROW.POS[QRY] /ARROW[QRY]|0^R,
/ARROW[QRY]|1^S,
%MIS.SCREEN.kernel.utils.M.arrows("REMOVE.DOWN",{QRY,"",R,S,L,1,""})}}

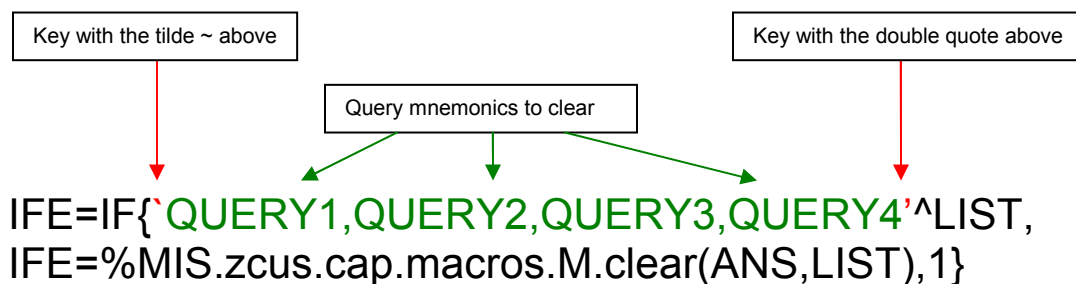
SINGLE
""^[ANS,QUERY],
/POS[QUERY]|0^R,
/POS[QUERY]|1^S,
/POS[QUERY]|2^L,
@PAINT

PAINT
IF{@MIS.QUERY.echo.group.resp.desc[QRY]="Y" P(R,S,"":(L_"TL"))^#,
P(R,S+1+L,"":25TL)^#,
P(R,S,"":(L_"TL"))^#,
1^/DONE[QRY,/RECALL#1S,/RECALL#2S,/RECALL#3S,/RECALL#4S]}

```

Step 2 – Add CDS Attributes

Add the below attribute to the first query on the CDS page the queries you want to clear are located. For example, your CDS may have 6 pages. If you want to clear queries on page 1 and 4 you will add the attribute to the first attribute on these two pages.



Known Bug

The macro is designed to only clear a query once per documentation session. However, if a user documents the same intervention again in the same minute the query will not clear on the second documentation occurrence.