

\$PCURR – Valid Window Record in R-START

The \$PCURR system variable is used to indicate whether the record is within the range of the window. If this is not the case it will also indicate whether the window current record is before the start of or after the end of the range of records in the window.

1. Possible Values of \$PCURR

\$PCURR	R-START Record Indication
-1	There is no current record and the record under the cursor cannot be determined.
0	The current record valid and is the record under the cursor in the window.
1	The current record is not valid and indicates a position before the start of the window range.
2	The current record is not valid and indicates a position after the last record in the range of records allowed by the window.

2. Examples

```

FRAME EX1
*
ACCESS DL: RC
ACCESS DL: RC SUBSTITUTING "QC"
ACCESS DL: RY
*
DATA DIVISION
*
01          WK
COPY W$ SUBSTITUTING "WK"
WINDOW DIVISION
WINDOW W1 USING RC
REPEAT
SEQUENCE EXIT, EXIT
:
SEQUENCE EXIT, EXIT
ENQ
NOLOCK
BASE AT 4 2
SCROLL 10 BY 1 SPLIT 1 OFFSET 1
02 02 "R-Start Problem"          A12
03 02 "Customer"                 NSC
03 11 "Customer_Name"           NSC
*
          04 02 RCCUCD            X(7)          CNV
          04 11 RCNAME            X(30)
    
```

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15 02 "Button 50"           BTN U50
15 12 "Button 51"           BTN U51
15 22 "Button 52"           BTN U51
15 32 "   Close"           BTN U11
ROUTINES SECTION
*
R-START.
    DISABLE BUTTON 50
    DISABLE BUTTON 51
    DISABLE BUTTON 52
*
    IF $MODE <> 1           * Not enquiry Mode
        IF $PCURR NOT NEGATIVE
            ENABLE BUTTON 51
        END
*
    IF $PCURR ZERO         * We have a current record in channel
        FETCH FIRST RYID-A KEY RCCUCD NOLOCK
        ON EXCEPTION
        ****
        **** If here the RC channel does not contain a valid record
        ****
            ERROR "1. This Error should NEVER be displayed"
        ELSE
            MOVE RCCUCD TO QCCUCD
            MOVE RCNAME TO QCNAME
            DISPLAY WINDOW W2
        END
    ELSE
        IF $PCURR POSITIVE * Past the top
            PERFORM CA-GET-RECORD
            ON NO EXCEPTION
                FETCH FIRST RYID-A KEY QCCUCD NOLOCK
                ON EXCEPTION
:
                ON EXCEPTION
                ****
                **** If here the RC channel does not contain a valid record
                ****
                    ERROR "2. This Error should NEVER be displayed"
                ELSE
                    DISPLAY WINDOW W2
                END
            ELSE
                CLEAR WINDOW W2
            END
        ELSE
            CLEAR WINDOW W2
        END
    END
ELSE
    CLEAR WINDOW W2
END
EXIT
*
ENDWINDOW
WINDOW W2
EDT
BASE AT 20 20
02 02 "Retrieved record"   A12
03 02 QCCUCD               DIS
04 02 QCNAME               DIS
ENDWINDOW
*
LOAD DIVISION
    CALL ASSIG$ USING "DLD" "215"
    CALL B$OPN USING "DL  " "DLD" 0
    EXIT
*
PROCEDURE DIVISION
    ENTER WINDOW W1

```

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```

        IGNORE EXCEPTION
EXIT
SECTION CA-GET-RECORD
*
        CALL B$GTWK USING W1 WK          * GET CURRENT INDEX
        IF $PCURR = 1
            IF WKIXDB = 1                * INDEX 1
                FETCH FIRST QCPRI
                ON EXCEPTION
:
                ON EXCEPTION
                *****
                ***** If here the RC channel does not contain a valid record
                *****
                ERROR "4. This Error should NEVER be displayed"
                EXIT WITH 1
            END
        ELSE
            FETCH FIRST QCID-A          * INDEX 2
            ON EXCEPTION
            *****
            ***** If here the RC channel does not contain a valid record
            *****
            ERROR "5. This Error should NEVER be displayed"
            EXIT WITH 1
        END
    END
    EXIT
END
IF WKIXDB = 1                          * INDEX 1
    FETCH LAST QCPRI
    ON EXCEPTION
    *****
    *****
    ***** If here the RC channel does not contain a valid record
    *****
    ERROR "4. This Error should NEVER be displayed"
    EXIT WITH 1
    END
ELSE
    FETCH LAST QCID-A                  * INDEX 2
    ON EXCEPTION
    *****
    ***** If here the RC channel does not contain a valid record
    *****
    ERROR "5. This Error should NEVER be displayed"
    EXIT WITH 1
    END
END
*
EXIT
ENDFRAME
ENDSOURCE

FRAME EX2
*
ACCESS DL: RC
ACCESS DL: RC SUBSTITUTING "QC"
ACCESS DL: RY
*
DATA DIVISION
*
01      WK
COPY W$ SUBSTITUTING "WK"
77      Z-CUCD          PIC X(7)
                VALUE "GILE001"

WINDOW DIVISION
WINDOW W1 USING RC DEPENDENT ON (Z-CUCD)
REPEAT
SEQUENCE EXIT, EXIT
ENQ

```

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```

NOLOCK
BASE AT 4 2
SCROLL 10 BY 1 SPLIT 1 OFFSET 1
02 02 "R-Start Problem" A12
03 02 "Customer" NSC
03 11 "Customer_Name" NSC
*
04 02 RCCUCD X(7) CNV
04 11 RCNAME X(30)
15 02 "Button 50" BTN U50
15 12 "Button 51" BTN U51
15 22 "Button 52" BTN U51
15 32 " Close" BTN U11
ROUTINES SECTION
*
R-START.
DISABLE BUTTON 50
DISABLE BUTTON 51
DISABLE BUTTON 52
*
IF $MODE <> 1 * Enquiry Mode
AND $PCURR NOT NEGATIVE
ENABLE BUTTON 51
*
IF $PCURR ZERO * We have a current record in channel
FETCH FIRST RYID-A KEY RCCUCD NOLOCK
ON EXCEPTION
****
**** If here the RC channel does not contain a valid record
****
ERROR "1. This Error should NEVER be displayed"
ELSE
MOVE RCCUCD TO QCCUCD
MOVE RCNAME TO QCNAME
DISPLAY WINDOW W2
END
ELSE
PERFORM CA-GET-RECORD
ON NO EXCEPTION
FETCH FIRST RYID-A KEY QCCUCD NOLOCK
ON EXCEPTION
****
****
**** If here the RC channel does not contain a valid record
****
ERROR "2. This Error should NEVER be displayed"
ELSE
DISPLAY WINDOW W2
END
ELSE
CLEAR WINDOW W2
END
END
ELSE
CLEAR WINDOW W2
END
EXIT
*
ENDWINDOW
WINDOW W2
EDT
BASE AT 20 20
02 02 "Retrieved record" A12
03 02 QCCUCD DIS
04 02 QCNAME DIS
04 02 QCNAME DIS
ENDWINDOW
*
LOAD DIVISION
CALL ASSIG$ USING "DLD" "215"

```

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```
CALL B$OPN USING "DL " "DLD" 0
EXIT
*
PROCEDURE DIVISION
    ENTER WINDOW W1
    IGNORE EXCEPTION
EXIT
SECTION CA-GET-RECORD
*
CALL B$GTWK USING W1 WK          * GET CURRENT INDEXH
IF $PCURR = 1
    IF WKIXDB = 1                * INDEX 1
        FETCH FIRST QCPRI KEY Z-CUCD
        ON EXCEPTION
        ****
        **** If here the RC channel does not contain a valid record
        ****
            ERROR "4. This Error should NEVER be displayed"
            EXIT WITH 1
        END
    ELSE
        FETCH FIRST QCID-A KEY Z-CUCD * INDEX 2
        ON EXCEPTION
        ****
        **** If here the RC channel does not contain a valid record
        ****
            ERROR "5. This Error should NEVER be displayed"
            EXIT WITH 1
        END
    END
EXIT
END
IF WKIXDB = 1                    * INDEX 1
    FETCH LAST QCPRI KEY Z-CUCD
    ON EXCEPTION
    ****
    **** If here the RC channel does not contain a valid record
    ****
        ERROR "4. This Error should NEVER be displayed"
        EXIT WITH 1
    END
ELSE
    FETCH LAST QCID-A KEY Z-CUCD * INDEX 2
    ON EXCEPTION
    ****
    **** If here the RC channel does not contain a valid record
    ****
        ERROR "5. This Error should NEVER be displayed"
        EXIT WITH 1
    END
END
EXIT
ENDFRAME
ENDSOURCE
```

3. See Also

\$SCURR – Valid Window Record Position