

## Base Language - Bug #2106

### Missing runtime error messages in P2J

04/02/2013 01:19 PM - Vadim Nebogatov

<b>Status:</b>	New	<b>Start date:</b>	04/02/2013
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>billable:</b>	No	<b>case_num:</b>	
<b>vendor_id:</b>	GCD	<b>version:</b>	
<b>Description</b>			

### History

#### #1 - 04/02/2013 01:21 PM - Vadim Nebogatov

Moved from [#2080](#), note 77

Example:

```
def var q11 as handle.
def temp-table tt field ii as int.
create tt.
assign ii=4.
define query q11 for tt.
open query q11 for each tt.
def var hQuery as handle.
hQuery = query q11:handle.

hQuery:REPOSITION-TO-ROW(1) NO-ERROR.
MESSAGE "had error: " ERROR-STATUS:ERROR.
MESSAGE "message 1: " ERROR-STATUS:GET-MESSAGE(1).
```

4GL had error: no

4GL Messages:

```
Cannot reposition on query q11 which is not defined as SCROLLING. (3164)
```

P2J had error: no

P2J Messages: no messages

## #2 - 04/02/2013 01:22 PM - Vadim Nebogatov

Moved from [#2080](#), note 78

Example:

```
CONNECT vtest NO-ERROR.  
MESSAGE "had error: " ERROR-STATUS:ERROR.  
MESSAGE "message: " ERROR-STATUS:GET-MESSAGE(1).
```

4GL had error: no

4GL Messages:

```
** Warning -- database vtest is already connected. (1012)
```

P2J: not tested so far

## #3 - 04/02/2013 04:11 PM - Vadim Nebogatov

Moved from [#2080](#), note 74

Example:

```
def temp-table tt field ii as int.  
DEFINE QUERY custq FOR tt.  
DEFINE BROWSE custb QUERY custq DISPLAY ii WITH 10 DOWN MULTIPLE.  
DEFINE FRAME brs-frame custb.  
custb:FETCH-SELECTED-ROW(5) NO-ERROR.  
MESSAGE "ERROR-STATUS:ERROR =" ERROR-STATUS:ERROR ", ERROR-STATUS:NUM-MESSAGES =" ERROR-STATUS:NUM-MESSAGES.  
MESSAGE "message 1: " ERROR-STATUS:GET-MESSAGE(1).  
MESSAGE "message 2: " ERROR-STATUS:GET-MESSAGE(2).
```

4GL messages:

```
ERROR-STATUS:ERROR = no , ERROR-STATUS:NUM-MESSAGES = 1  
message 1: Browse widget must contain at least one record before FETCH-SELECTED-ROW  
method is used. (2108)  
message 2:
```

Runtime error:

```
java.lang.IndexOutOfBoundsException: Invalid selected row index requested: 4. Only 0 rows are present.  
com.goldencode.p2j.ui.client.Browse.getSelectedRowIndex(Browse.java:1143)  
com.goldencode.p2j.ui.BrowseConfig.getSelectedRowIndex(BrowseConfig.java:464)
```

#### #4 - 04/03/2013 06:08 AM - Vadim Nebogatov

Moved from [#2080](#), note 74

Example:

```
DEFINE VARIABLE i AS INTEGER.
DEFINE BUTTON btn-Display LABEL "Display".
DEFINE BUTTON btn-quit LABEL "&Quit" AUTO-ENDKEY.
def temp-table test no-undo
    field tot-hrs    as int
    field proj-mgr  as int
    field yes_no    as logical
    index pi_hrs is primary tot-hrs ascending.

create test.
assign tot-hrs    = 50 proj-mgr  = 1 yes_no    = yes.

create test.
assign tot-hrs    = 10 proj-mgr  = 1 yes_no    = no.

create test.
assign tot-hrs    = 43 proj-mgr  = 2 yes_no    = true.

create test.
assign tot-hrs    = 11 proj-mgr  = 3 yes_no    = true.

create test.
assign tot-hrs    = 31 proj-mgr  = 0 yes_no    = false.

create test.
assign tot-hrs    = 45 proj-mgr  = 3 yes_no    = true.

def query q for test.
def browse brws query q no-lock no-wait
    display test
    enable yes_no auto-return
    with single 5 down centered no-row-markers.

open query q
    for each test no-lock.

DEFINE FRAME f-frame brws btn-display btn-quit WITH SIZE 80 BY 22.

find last test.

reposition q to recid recid(test).

/* Process Display button */
ON CHOOSE OF btn-display DO:
    message "aaa = " brws:NUM-SELECTED-ROWS.
/* set up loop */
DO i = 1 TO brws:NUM-SELECTED-ROWS:

/* Get each selected row from browse */
brws:FETCH-SELECTED-ROW(i).

/* Display columns 1 & 2 in a message box */
END.

END.
ON CHOOSE OF btn-quit DO:
QUIT.
END.
enable all with frame f-frame.

wait-for close of current-window.
```

It works in 4GL including FETCH-SELECTED-ROW, but gives exception with converted code:

```
com.goldencode.p2j.util.EndConditionException: END-ERROR key function
```

```
com.goldencode.p2j.ui.chui.ThinClient.processCondition(ThinClient.java:13629) com.goldencode.p2j.ui.chui.ThinClient.processProgressEvent(ThinClient.java:13160) com.goldencode.p2j.ui.chui.ThinClient.processEventsWorker(ThinClient.java:12431) com.goldencode.p2j.ui.chui.ThinClient.pop(ThinClient.java:11253) com.goldencode.p2j.ui.chui.ThinClient.eventBracket(ThinClient.java:11236) com.goldencode.p2j.ui.chui.ThinClient.eventDrawingBracket(ThinClient.java:11162) com.goldencode.p2j.ui.chui.ThinClient.applyWorker(ThinClient.java:10933) com.goldencode.p2j.ui.chui.ThinClient.waitForWorker(ThinClient.java:9046)
```