

# Run\_Report Subroutine

## Description

Runs [Report Builder](#) reports.

## Syntax

**Run\_Report** (*reportName*,*list\_statement* [,*options*])

## Parameters

The Run\_Report subroutine has the following parameters.

| Parameter             | Description   |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
|-----------------------|---|------------------|-------------|----------------------|---------------------------------|-----------|--|----------|------------------------------------|-----------|--|----------------------|--------------------------------|------------|-----------|-----------------------|--|----------|---------------------|-------------|---|------------------|----------|----------------------|---------|-----------|---------|----------|---------|-----------|----------|----------------------|----------|------------|-----------|-----------------------|-----------|----------|---------|
| <i>reportName</i>     | The report name. Use the entity name of the fully-qualified entity id.  |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| <i>list_statement</i> | List statements may be passed to the function to print reports.   |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| <i>options</i>        | Optional. A space delimited string of additional formatting options for reports. <table><tr><th>Option</th><th>Description</th></tr><tr><td>(P<br/>Printer LPTR</td><td>Sends the report to the printer</td></tr><tr><td>Grid</td><td>Prints/previews the report with gridlines.</td></tr><tr><td>ID-Supp</td><td>Suppresses the display of the key.</td></tr><tr><td>Det-Supp</td><td>Suppresses the detail and gives a summary of the data.</td></tr><tr><td>Landscape</td><td>The orientation of the report.</td></tr><tr><td>Portrait</td><td></td></tr><tr><td>Legal</td><td>Prints the report on legal size paper.</td></tr><tr><td>Screen</td><td>Previews the report</td></tr><tr><td>Output file</td><td>Output file information. This parameter contains a string in the format of <i>filetype filename</i>.<table><tr><th>File Description</th><th>FileType</th></tr><tr><td>Comma delimited file</td><td>CSVFILE</td></tr><tr><td>Text file</td><td>TXTFILE</td></tr><tr><td>PDF file</td><td>PDFFILE</td></tr><tr><td>HTML file</td><td>HTMLFILE</td></tr><tr><td>HTML file with pages</td><td>HTMLPAGE</td></tr><tr><td>DHTML file</td><td>DHTMLFILE</td></tr><tr><td>DHTML file with pages</td><td>DHTMLPAGE</td></tr><tr><td>RTF file</td><td>RTFFILE</td></tr></table></td></tr></table> | Option           | Description | (P<br>Printer LPTR   | Sends the report to the printer | Grid      | Prints/previews the report with gridlines. | ID-Supp  | Suppresses the display of the key. | Det-Supp  | Suppresses the detail and gives a summary of the data. | Landscape            | The orientation of the report. | Portrait   |           | Legal                 | Prints the report on legal size paper. | Screen   | Previews the report | Output file | Output file information. This parameter contains a string in the format of <i>filetype filename</i> . <table><tr><th>File Description</th><th>FileType</th></tr><tr><td>Comma delimited file</td><td>CSVFILE</td></tr><tr><td>Text file</td><td>TXTFILE</td></tr><tr><td>PDF file</td><td>PDFFILE</td></tr><tr><td>HTML file</td><td>HTMLFILE</td></tr><tr><td>HTML file with pages</td><td>HTMLPAGE</td></tr><tr><td>DHTML file</td><td>DHTMLFILE</td></tr><tr><td>DHTML file with pages</td><td>DHTMLPAGE</td></tr><tr><td>RTF file</td><td>RTFFILE</td></tr></table> | File Description | FileType | Comma delimited file | CSVFILE | Text file | TXTFILE | PDF file | PDFFILE | HTML file | HTMLFILE | HTML file with pages | HTMLPAGE | DHTML file | DHTMLFILE | DHTML file with pages | DHTMLPAGE | RTF file | RTFFILE |
| Option                | Description   |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| (P<br>Printer LPTR    | Sends the report to the printer   |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| Grid                  | Prints/previews the report with gridlines.  |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| ID-Supp               | Suppresses the display of the key.  |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| Det-Supp              | Suppresses the detail and gives a summary of the data.  |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| Landscape             | The orientation of the report.  |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| Portrait              |   |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| Legal                 | Prints the report on legal size paper.  |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| Screen                | Previews the report   |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| Output file           | Output file information. This parameter contains a string in the format of <i>filetype filename</i> . <table><tr><th>File Description</th><th>FileType</th></tr><tr><td>Comma delimited file</td><td>CSVFILE</td></tr><tr><td>Text file</td><td>TXTFILE</td></tr><tr><td>PDF file</td><td>PDFFILE</td></tr><tr><td>HTML file</td><td>HTMLFILE</td></tr><tr><td>HTML file with pages</td><td>HTMLPAGE</td></tr><tr><td>DHTML file</td><td>DHTMLFILE</td></tr><tr><td>DHTML file with pages</td><td>DHTMLPAGE</td></tr><tr><td>RTF file</td><td>RTFFILE</td></tr></table>   | File Description | FileType    | Comma delimited file | CSVFILE                         | Text file | TXTFILE                                    | PDF file | PDFFILE                            | HTML file | HTMLFILE   | HTML file with pages | HTMLPAGE                       | DHTML file | DHTMLFILE | DHTML file with pages | DHTMLPAGE                              | RTF file | RTFFILE             |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| File Description      | FileType  |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| Comma delimited file  | CSVFILE   |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| Text file             | TXTFILE   |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| PDF file              | PDFFILE   |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| HTML file             | HTMLFILE  |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| HTML file with pages  | HTMLPAGE  |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| DHTML file            | DHTMLFILE   |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| DHTML file with pages | DHTMLPAGE   |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| RTF file              | RTFFILE   |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |
| Margins               | A comma-delimited string of sizes in inches. The margins should be passed as LEFT,TOP,RIGHT,BOTTOM.   |                  |             |                      |                                 |           |  |          |                                    |           |  |                      |                                |            |           |                       |  |          |                     |             |   |                  |          |                      |         |           |         |          |         |           |          |                      |          |            |           |                       |           |          |         |

**Note:** The *reportName* and *list\_statement* parameters are mutually exclusive.

## Remarks

The Run\_Report function will execute using the active cursor, so a SELECT prior to a Run\_Report call will use the results of the SELECT.

## Example

```
Declare Subroutine Run_report

* Run an existing report
rptName = 'MY_REPORT'
Run_Report(rptName,'')

* A simple list statement
stmt = "LIST BOOKS TITLE AUTHOR BY-DSND AUTHOR"
Run_Report('',stmt)

* A simple list statement creating a PDF file
stmt = "LIST BOOKS TITLE AUTHOR BY-DSND AUTHOR"
Run_Report('',stmt,'PDFFILE C:\TEMP\MY_PDFFILE.PDF')

* Run an existing report to the printer with landscape orientation
rptName = 'MY_REPORT'
Run_Report(rptname,'','(P LANDSCAPE)')

* Run an existing report using a previously executed select.

stmt = "SELECT BOOKS WITH AUTHOR [] 'CLANCY'"
RList( stmt, 5, "", "", "" )
error = Get_Status( errCodes )
if error then
    Fmsg( errCodes )
end else
    Run_Report( "MY_REPORT", "", "" )
end
```