

--* This program is offered as is and may be freely copied and modified to fit your needs.
--* As was discussed during the Gateway/400 presentation, this program should be considered
--* a work in process, and not a finished product. No guarantee is given or implied.
--* Please test this program before using it in your environment.

--* PROGRAM NAME - spSQLtoIFS
--* PROGRAMMER - John Derr
--* DATE - 02/22/2018
--* PURPOSE - Reads four parameters to run an SQL and write the output to the IFS.
--* 1. FileLocation: Full IFS loc of the output file, including the file name and ext.
--* Example: /home/derrja/Testdescriptor/testDateStuff.csv
--* 2. SQLStatement: Full SQL statement that you want to execute.
--* Example: (in one contiguous string)
--* SELECT CustNo, CAST(SUM(CurBal) AS DEC(11, 2)) AS Current_Balance +
--* FROM OrderMast +
--* WHERE status NOT IN ('D', 'X') +
--* GROUP BY CustNo +
--* ORDER BY CustNo
--* 3. Include_Header_YN Values Y and N, defaults to Y.
--* 4. String_Separator defaults to inch mark (").
--* 5. Column_Separator defaults to comma (,).
--*
--* Suggestion: Used named parameters.

```
CREATE OR REPLACE PROCEDURE BE0598(IN Filelocation VARCHAR(80)
    IN Filelocation VARCHAR(80)
    ,IN Sqlstatement VARCHAR(4096)
    ,IN Include_Header_Yn CHAR(1) DEFAULT 'Y'
    ,IN String_Separator CHAR(1) DEFAULT '"'
    ,IN Column_Separator CHAR(1) DEFAULT ',')
```

```
LANGUAGE RPGLE
SPECIFIC SPSQLTOIFS
NOT DETERMINISTIC
READS SQL DATA
CALLED ON NULL INPUT
EXTERNAL NAME myLibrary/SQLTOIFS
PARAMETER STYLE SQL;
```

```
GRANT ALTER, EXECUTE ON SPECIFIC PROCEDURE SPSQLTOIFS TO PUBLIC;
```