

system.dataset.dataSetToExcel

This feature was removed from Ignition in version 8.0.7

This function has been replaced with [system.dataset.toExcel](#).

This function is used in **Python Scripting**.

Description

Formats the contents of one or more datasets as an excel spreadsheet, returning the results as a string. Each dataset specified will be added as a worksheet in the Excel workbook. This function uses an xml-format for Excel spreadsheets, not the native Excel file format.

Client Permission Restrictions

This scripting function has no [Client Permission](#) restrictions.

Syntax

system.dataset.dataSetToExcel(showHeaders, datasets[, nullsEmpty])

- Parameters

Boolean showHeaders - If True (1), the spreadsheet will include a header row.

Object[] datasets - A sequence of datasets, one for each sheet in the resulting workbook.

Boolean nullsEmpty - If True (1), the spreadsheet will leave cells with NULL values empty, instead of allowing Excel to provide a default value like 0. Defaults to False. [Optional]

- Returns

String - An Excel-compatible XML-based workbook, with one worksheet per dataset.

- Scope

Gateway, Vision Client, Perspective Session

Code Examples

Code Snippet

```
# This snippet would run a SQL query against a database, and turn the results into a string that is XML that Excel can open. It then writes the string to a file on the local hard drive.
```

```
results = system.db.runQuery("SELECT * FROM example1 LIMIT 100")
results = system.dataset.toDataSet(results)
spreadsheet = system.dataset.dataSetToExcel(1, [results])
filePath = "C:\\output\\results.xls"
system.file.writeFile(filePath, spreadsheet)
```