

## DATA Step

### Can I create a password-protected Excel spreadsheet using tagsets.excelxp?

No the XML file generated by the ExcelXP tagset does not support passwords, however the following code can generate a VB script which can be called to convert the XML file to a native Excel file, and add a password.

```
/* **** */

/* Create a test worksheet to password protect */
/* **** */

ods tagsets.excelxp file="c:\temp.xml";

proc print data=sashelp.class;

run;

ods tagsets.excelxp close;

/* **** */

/* Create and execute a script file using the input XML file      */

/* and the converted XLSX file. The value 51 is needed for XLSX. */

/* Use the value of 1 for XLS files in the SaveAs command.        */
/* **** */

%let XMLfile = c:\temp.xml;

%let ExcelFile = c:\temp.xlsx;
```

# DATA Step

```
%let VBscript = c:\convert.vbs;

%let password=test;

data _null_;

    file "&vbscript" lrecl=200;

    put 'Dim xlApp, xlWkb, SourceFile, TargetFile';

    put 'Set xlApp = CreateObject("excel.application")';

    put 'SourceFile="' "&XMLfile" '"';

    put 'Set xlWkb = xlApp.Workbooks.Open(SourceFile)';

    put 'TargetFile="' "&ExcelFile" '"';

    put 'xlApp.DisplayAlerts=false';

    put "xlWkb.SaveAs TargetFile, 51," "&password""";

    put 'xlApp.DisplayAlerts=true';

    put 'xlWkb.close';

run;

options noxwait noxsync;

x "cscript "&vbscript""";
Unique solution ID: #1056
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Last update: 2020-08-05 16:17
```