

Creating Point I/O Text Files via XLSIN/XLSOUT AWK Command Files

Overview

The following is a brief description of the usage of the **AWK** command files that convert Excel, tab-delimited files to and from MISER point input/output format files.

The **XLSIN AWK** command file converts Excel tab-delimited text files to MISER point input/output files.

The **XLSOUT AWK** command converts MISER point input/output files to Excel tab-delimited text files.

In the examples that follow this introduction, the file `test-vr.txt` is the output of an Excel spreadsheet, saved as a tab-delimited text file. The files required to convert *tab-delimited to MISER point_input*:

XLSIN.AWK A tab-delimited file

To convert *MISER point_output to tab-delimited* you need:

XLSOUT.AWK XLSIN.TEMPLATE

XLSOUT will place a column in the tab-delimited file for each heading it finds in `XLSIN.TEMPLATE`.

The **GAWK** command is defined via the MISER tools command.

Examples of the **XLSIN** and **XLSOUT** commands follow.

To convert a tab-delimited text file to a MISER point-input file, refer to the example below:

```
DEMVSA$ tools
DEMVSA$ gawk /input=xlsin.awk /output=junk.pi TEST-VR.TXT
DEMVSA$
DEMVSA$ sea junk.pi acronym
acronym = SP-DEM-ERTEMP
acronym = SP-DEM-PLCBV
...
DEMVSA$
```

GAWK

To convert a MISER point_output file to a tab-delimited text file for Excel import, refer to the example below:

```
DEMVSA$ tools
DEMVSA$ gawk /input=xlsout.awk /output=ws-for-excel.txt ws.po
DEMVSA$
DEMVSA$ type/pag=sav/nowrap ws-for-excel.txt
template  seg_num rectyp subtype osbtp acronym pntnam area bldng unit
relbin node ncc rtu mux inpt ...
      5      ANALOG NONE AO WS_BTK1_LAHH_SP BTK1 ALM SP WESTSIDE BREAK_TANK
LIT-16200-01 ...
...
DEMVSA$
```