FILEIO.MAC

A Command Language Macro Application Note

OVERVIEW

SourcePoint's powerful command language is extremely useful for automating tasks. It uses an interpreted scripting language that is very similar to the common C programming language. FileIO.MAC is an example of a SourcePoint™ command language macro. Its purpose is to demonstrate the use of the SourcePoint command language's file I/O functions.

THEORY OF OPERATION

This macro makes use of and demonstrates the following functions:

Fopen	Opens the file for read, write, or append access.
fclose	Closes an open file.
fputs	Writes a string to the file previously opened for write or append access.
fgets	Reads a string from a file previously opened for read access.
fputc	Writes a single character to a file previously opened for write or append access.
fgetc	Reads a single character from a file previously opened for read access.
fprintf	Writes a formatted string to a file previously opened for write or append access.

It is recommended that the user run the macro, view the macro in a text editor, and compare the macro to the output in the SourcePoint command window.

The macro is loaded from within SourcePoint by clicking on: **File|Macro|Load Macro**

It is then invoked from the command window by entering the following at the command prompt:

fileio<cr>