**Skill File I/O**

[**December 27, 2011**](https://www.circuitdesign.info/blog/2011/12/27/)  1[**Poojan Wagh**](https://www.circuitdesign.info/blog/author/poojanwagh/)

I keep having to look this up, so I’m going to put it here for easy reference:

**Open a File**

h = outfile("new\_file.txt", "w")  
h = infile("existing\_file.txt")  
h = outfile("partial\_file.txt", "a")  
  
Opens new file for writing, existing file for reading, and partial file for appending, respectively.

**Write to a file**

write("Hello World!\n", h)  
fprintf(h, "gm = %f", OP("/M23" "gm"))  
print(OP("/M23" "gm"), h)  
pprint(OP("/M23" "gm"), h)

Write “Hello World!” to a file (newlines are explicit); construct formatted string and write to file; print using native format to a file; pretty-print (useful for nested lists etc) to a file. File handle is h.

**Read from a file**

str = lineread(h)

Reads a single line as a string