

## SerialReader usage:

```
./serialreader v, -v      {display version info - case
ignored}
./serialreader help, -help, /help, \help (case ignored)
./serialreader {with no parameters will use default
parameters}
./serialreader <port> <baud> <parity> <databits> <stopbits>
<flowcontrol> <delay>
Port = name of USBSerial port your USB-41 HP interface
is plugged into
Parity = N (none), O (Odd) or E (Even)
Databits = 5, 6, 7 or 8
Stopbits = 1 or 2
Flow Control = N (none) Y(full software flow control
XON/XOFF)
Delay = # of secs to wait before receiving HP41
printer contents
Used to give user time to execute command on
HP41 before starting
to receive HP41 printer contents
Notes:  -- At minimum a port should be provided
        -- Using a hyphen(-) for any parameter
assumes
        that parameter's default value

Default values are: /dev/cu.usbserial-00301314 115200
N 8 1 N 15
(HP41/C/CV/CX)
(via Diego Diaz's USB-41 interface)
(Default delay of 15 secs allows user time to
enter HP41 cmd
(The default serial port (above) will most
likely NOT work for you)

All parameters must be supplied with a value or a dash
(-)
All parameters must be supplied in the order shown
above
NOTE: '/dev/' will be prepended to the port
you supply

SerialPort reading will terminate after 1 sec with no further
data rec'd
and HP41 printout <filename>.txt file will open with Mac's
Textedit App
All HP41 printouts are saved to logged in users Documents
folder with
a file name of HP_Printer_<date&time>.txt
```

NOTE: Use the following command, from within terminal, to list all of the USB/Serial ports: `ls /dev/cu.*`  
This will show you all the possible USB/Serial ports available  
If you do this with the USB-41 not plugged in then with the USB-41 plugged in you'll be able to discern the proper port

TO COMPILE THE SOURCE CODE FILE (SERIALREADER.SWIFT) use the following command  
At the terminal command line:  
`swiftc -suppress-warnings SerialReader.swift -o SerialReader`  
(Be sure that you have cd'd into this directory before trying to compile)

This command line utility is a Swift program that is compiled with the command line version of the Swift compiler: `swiftc`