Command line interface to the Windows Serial Downloader

The WSD software can be driven from a command line interface also. To download a file simply type

WSD.exe blink.hex

This would download the file blink.hex.

Additional Downloader Options

To make use of the additional downloader options, type any of the following switches immediately following the file name (making sure to precede each with a *space*)

/C:n   - select the COM port (default is 1)
/D   - download to the Flash/EE program memory without erasing Flash/EE data memory
/R   - run the program from the beginning i.e. 0000hex
/R:xxxx - run the program from the specified hex start address
/V   - verify code downloaded (only for ADuC83x and ADuC84x parts)
/X:freq - Set the external crystal frequency (for ADuC812, ADuC831 and ADuC841)
/B   - Bootload option, runs from E000h
/M:n   - Download mode
-      0 = Download Code and Data (data file must be second file name specified)
-      1 = Download Code Only
-      2 = Download Data Only (data file must be second file name specified, hex file will not be downloaded)
/S:n   - Security Mode (All parts except ADuC812)
-      0 = Lock Mode
-      1 = Secure Mode
-      2 = Serial Safe Mode
-      3 = All security bits set
/T:n   - Time program remains open for, n is an integer between 0-9 seconds.