

## File ID - Add the name of your program inside the program itself, and display-it at power-up

This will cost you 180 bytes and 99 temporary variables.  
 You just need to include one file and add a line on the set-up.

```
#include "BaSer.h" // first line
SetupBaSer(); // first line of setup
```

The result is when you reset the program, it sends on the serial line the "when and where" the program was compiled. It has no influence on the execution that follows, same as for the initial power-up delay frequently found within programs.

If you are connected to your PC and the Arduino port is set, click on Arduino terminal icon top right.

If you want to see the info on a portable or tablet, you need to connect 2 wires (Gnd,Tx) toward a serial to USB adapter. The tablet can power you card, but it is a lot of current for the tablet !

If you have an SSD1306 connected on any 2 pins, you can do the same, see [www.didel.com/FileIdOled.pdf](http://www.didel.com/FileIdOled.pdf) .

<pre>//TestNomLib.ino // 610b, 99v #include "BaSer.h" // your includes void setup() {     SetupSer();     //your setup }  void loop () {     // your program }</pre>	<pre>//BaSer.h 171022 // 610 - 440 (min Arduino) = 180b // #include &lt;Arduino.h&gt; // from Ser.h see www.didel.com/BuddyTerm.pdf for details  #define TX_READY (UCSR0A&amp;0x20)// check bit5 void Car( byte dd) {     while(!TX_READY); // wait     UDR0=dd; // OK, send it now! }  #define Skp 60 // skip compile path #define Text(tt) \     for (byte i=0; i&lt;(sizeof tt-Skp); i++) \     { Car (tt[i+Skp]); } // Text est une macro! #define SetupSer() \     do { \         UBRRO=F_CPU/(9600*16L)-1; \         UCSROB=0x18; \         UCSROC=0x06; \         Text(__FILE__ " " __DATE__ " " __TIME__); \     } while(0)</pre>
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Test program <http://www.didel.com/FileIdSerTst.zip>. You may have to modify line #define Skp 60

The macro `__FILE__` gives the compiler path access:

C:\Users\jdn\AppData\Local\Temp\arduino\_modified\_sketch\_284336\TestNomLibMin.ino Oct 22 2017 23:18:55

*We skip 60 characters in our case to have only the file name we are interested in.*



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