

```

VAR
Sm : SYSSERIALMODE; (* Serial mode *)
Fp : FILEP; (* File pointer *)
ABf : INT; (* Auxiliary buffer *)
TimeBf : UDINT; (* Time buffer (uS) *)
LogTime : UDINT := 300; (* Tempo di log (Sec) *)
EToDate : SysETimeToDate; (* Epoch time to date conversion *)
Ptr : @USINT; (* Auxiliary pointer *)
PBuffer : STRING[ 64 ]; (* Printer buffer *)
Vars : ARRAY[ 0..1 ] OF REAL := [12.5, 120.6]; (* Variables *)
END_VAR

```

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1 (* ***** *)
2 (* PROGRAMMA "LogPrint" *)
3 (* ***** *)
4 (* Esegue la stampa di un log dati. *)
5 (* ----- *)
6
7 (* ----- *)
8 (* INIZIALIZZAZIONI *)
9 (* ----- *)
10 (* Eseguo apertura porta seriale per stampante. *)
11 (* Set serial at 19200, e, 8 DTR automatically managed without any time. *)
12
13 IF (SysFirstLoop) THEN
14     Fp:=Sysfopen('COM1', 'rw'); (* File pointer *)
15     ABf:=SysGetSerialMode(ADR(Sm), Fp);
16     Sm.Baudrate:=19200; (* Baud rate *)
17     Sm.Parity:='E'; (* Parity *)
18     Sm.DataBits:=8; (* Data bits *)
19     Sm.DTRManagement:=DTR_AUTO_WO_TIMES; (* DTR management *)
20     ABf:=SysSetSerialMode(ADR(Sm), Fp);
21
22     (* Inizializzazioni generali. *)
23
24     TimeBf:=SysGetSysTime(TRUE); (* Time buffer (uS) *)
25 END_IF;
26
27 (* ----- *)
28 (* GESTIONE STAMPA *)
29 (* ----- *)
30 (* Eseguo attesa tempo impostato. *)
31
32 IF ((SysGetSysTime(TRUE)-TimeBf) < (LogTime*1000000)) THEN RETURN; END_IF;
33 TimeBf:=SysGetSysTime(TRUE); (* Time buffer (uS) *)
34
35 (* La stampante ha 42 colonne di default, creo stringa da stampare. *)
36 (* [123456789012345678901234567890123456789012]. *)
37 (* [dd/mm/yyyy - hh:mm V1:nnn.n V2:nnn.n      ]. *)
38
39 EToDate(EpochTime:=SysDateTime); (* Epoch time to date conversion *)
40 Ptr:=ADR(PBuffer); (* Auxiliary pointer *)
41 ABf:=SysVarsnprintf(Ptr, 3+1, '%02d/', USINT_TYPE, ADR(EToDate.Day));
42 ABf:=SysVarsnprintf(Ptr+LEN(PBuffer), 3+1, '%02d/', USINT_TYPE, ADR(EToDate.Month));
43 ABf:=SysVarsnprintf(Ptr+LEN(PBuffer), 4+1, '%04d', UINT_TYPE, ADR(EToDate.Year));
44 ABf:=SysVarsnprintf(Ptr+LEN(PBuffer), 6+1, ' - %02d:', USINT_TYPE, ADR(EToDate.Hour));
45 ABf:=SysVarsnprintf(Ptr+LEN(PBuffer), 2+1, '%02d', USINT_TYPE, ADR(EToDate.Minute));

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Project : PlusIIPrint

PROGRAM : LogPrint

Release : PlusIIPrin

Ver :1.00

Author :

Date:05/05/2014

Note :

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PROGRAM LogPrint

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46
47 (* Stampo valore variabili. *)
48
49 ABf:=SysVarsnprintf(Ptr+LEN(PBuffer), 9+1, ' V1:%5.1f', REAL_TYPE, ADR(Vars[0]));
50 ABf:=SysVarsnprintf(Ptr+LEN(PBuffer), 9+1, ' V2:%5.1f', REAL_TYPE, ADR(Vars[1]));
51 ABf:=SysVarfprintf(Fp, '%s$r', STRING_TYPE, ADR(PBuffer));
52
53 (* [End of file] *)
54

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	PROGRAM : LogPrint	
	Release : PlusIIPrin	Ver :1.00
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