

VARIABLES

VAR_GLOBAL

```
Time AT %MX100.11 : STRING[ 8 ]; (* Ora per pagina web *)
Date AT %MX100.0 : STRING[ 10 ]; (* Data per pagina web *)
AdjCommand AT %MX100.20 : BOOL; (* Comando di adjust *)
TimeZone AT %MX100.21 : SINT; (* Time zone *)
DaylightZone AT %MX100.22 : USINT; (* Daylight zone *)
END_VAR
```

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VAR

EtToDt : SysETimeToDate; (* Conversione da Epoch a Data/Ora *)

i : INT; (* Auxiliary variable *)

DtToEt : SysDateToETime; (* Conversione da Data/Ora a Epoch *)

AStr : STRING[16]; (* Auxiliary string *)

END_VAR

```

1 (* ***** *)
2 (* PROGRAM "TimeByWeb" *)
3 (* ***** *)
4 (* Eseguo set Real Time Clock da pagina web. *)
5 (* ----- *)
6
7 (* ----- *)
8 (* VISUALIZZAZIONE DATA/ORA *)
9 (* ----- *)
10 (* Eseguo gestione Data/Ora. *)
11
12 IF (SysDateTime <> EtToDt.EpochTime) THEN
13     EtToDt(EpochTime:=SysDateTime); (* Conversione da Epoch a Data/Ora *)
14
15     (* Creo stringa "Date" per visualizzazione su pagina web. *)
16
17     i:=SysVarsnprintf(ADR(Date), 3+1, '%02d/', USINT_TYPE, ADR(EtToDt.Day));
18     i:=SysVarsnprintf(ADR(Date)+LEN(Date), 3+1, '%02d/', USINT_TYPE, ADR(EtToDt.Month));
19     i:=SysVarsnprintf(ADR(Date)+LEN(Date), 4+1, '%04d', UINT_TYPE, ADR(EtToDt.Year));
20
21     (* Creo stringa "Time" per visualizzazione su pagina web. *)
22
23     i:=SysVarsnprintf(ADR(Time), 3+1, '%02d:', USINT_TYPE, ADR(EtToDt.Hour));
24     i:=SysVarsnprintf(ADR(Time)+LEN(Time), 3+1, '%02d:', USINT_TYPE, ADR(EtToDt.Minute));
25     i:=SysVarsnprintf(ADR(Time)+LEN(Time), 2+1, '%02d', USINT_TYPE, ADR(EtToDt.Second));
26 END_IF;
27
28 (* ----- *)
29 (* IMPOSTAZIONE DATA/ORA *)
30 (* ----- *)
31 (* Eseguo impostazione Data/Ora su comando da pagina web. *)
32
33 IF (AdjCommand) THEN
34     AdjCommand:=FALSE; (* Comando di adjust *)
35
36     (* Acquisizione valore data impostato da pagina web. *)
37
38     AStr:=Date; (* Auxiliary string *)
39     IF NOT(SysVarsscanf(ADR(AStr), '%d', USINT_TYPE, ADR(DtToEt.Day))) THEN RETURN; END_IF;
40     AStr:=DELETE(AStr, FIND(AStr, '/'), 1);
41
42     IF NOT(SysVarsscanf(ADR(AStr), '%d', USINT_TYPE, ADR(DtToEt.Month))) THEN RETURN; END_IF;
43     AStr:=DELETE(AStr, FIND(AStr, '/'), 1);
44
45     IF NOT(SysVarsscanf(ADR(AStr), '%d', UINT_TYPE, ADR(DtToEt.Year))) THEN RETURN; END_IF;
46
47     (* Acquisizione valore ora impostato da pagina web. *)
48
49     AStr:=Time; (* Auxiliary string *)
50     IF NOT(SysVarsscanf(ADR(AStr), '%d', USINT_TYPE, ADR(DtToEt.Hour))) THEN RETURN; END_IF;

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PROGRAM TimeByWeb

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51      AStr:=DELETE(AStr, FIND(AStr, ':'), 1);
52
53      IF NOT(SysVarsscanf(ADR(AStr), '%d', USINT_TYPE, ADR(DtToEt.Minute))) THEN RETURN; END_IF;
54      AStr:=DELETE(AStr, FIND(AStr, ':'), 1);
55
56      IF NOT(SysVarsscanf(ADR(AStr), '%d', USINT_TYPE, ADR(DtToEt.Second))) THEN RETURN; END_IF;
57
58      (* Se tutti i dati impostati sono corretti eseguo set real time clock. *)
59
60      DtToEt(); (* Conversione da Data/Ora a Epoch *)
61      IF (DtToEt.Done) THEN SysDateTime:=DtToEt.EpochTime; END_IF;
62  END_IF;
63
64 (* [End of file] *)
65

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