

KB Name	How to execute actions at specific times		
Type	Script Example		
Since revision	NA		
KB Number	KB-0026-0	Build	18
Mod date	30. Mar. 2009		

How to execute actions at specific times

1 Introduction

The purpose of this document is to give example of how to make actions at specific times using scripting in the eWON

2 Script example

2.1 Purpose

Each hour + 0 minute and each hour + 30 minutes, a mail must be sent with the value of a temperature tag. This mail must only be sent during working days (monday to friday) and during working hours (08h00 → 17h30).

2.2 Script

Init Section

```
REM Activation of Timer 1 executed each 60 seconds
TSET 1,60

REM Trigger of the GetTime section
ONTIMER 1, "Goto GetTime"

END
```

GetTime Section (User Section)

```
GetTime:
A$ = TIME$
REM Get the day of the week
a% = DOW A$
REM Get the hour value
b% = VAL(A$(12 TO 13))
REM Get the minute value
c% = VAL(A$(15 TO 16))

REM Check if action must be done
REM Check Day of the week
IF ((a% > 0) AND (a% < 6)) THEN
  REM Check hour of the day
  IF ((b% >= 8) AND (b% <= 17)) THEN
    REM Check minute of the hour
    IF ((c% = 0) OR (c% = 30)) THEN
      Goto TimeAction
    ENDIF
  ENDIF
ENDIF
END
```

Knowledge Base Information

KB Name	How to execute actions at specific times		
Type	Script Example		
Since revision	NA		
KB Number	KB-0026-0	Build	18
Mod date	30. Mar. 2009		

TimeAction Section (User Section)

```
TimeAction:  
REM Convert analog value into a string  
B$ = STR$ VesselTemp@  
B$ = "The vessel temperature value is: " + B$ + "°C"  
Sendmail "ewon@actl.be", "", "Vessel Temperature", B$  
END
```