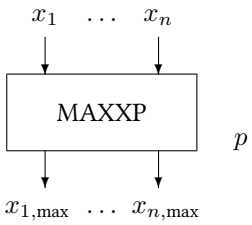
Block MAXXP

The MAXXP block finds the maximum of its input signal over a number of steps as defined through its parameter.





Name	MAXXP
Function	fb0020
Inputs	1 . . . [50]
Outputs	1 . . . [50]
Parameters	1
Strings	0
Group	I

Inputs

i Any signal x_i

Outputs

i Maximum $x_{i,\max}$ of x_i

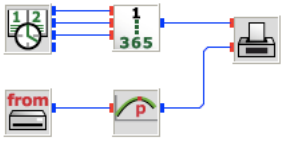
Parameters

1 Number p of steps to find the maximum $x_{i,\max}$

Strings

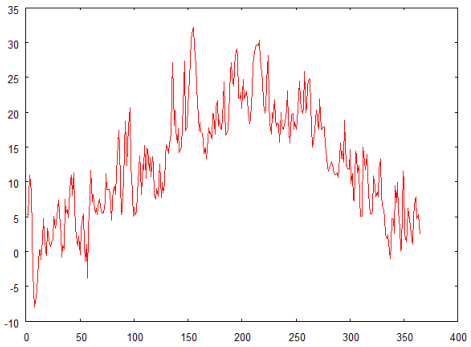
None

maxxp.vseit



A CLOCK block runs through one year in steps of one hour and controls reading the data file `meteo82.dat` from the `examples/data` directory as specified by the parameters of a READ block. By definition of the Format parameter of the READ block `(33X,F5.1,26X)` only colums 34–38 are evaluated. These contain ambient temperature data in degrees Celsius.

Since the parameter of the MAXXP block is set to 24, daily maxima of the temperature data are calculated by the MAXXP block and finally displayed as graph by the PLOT block.



See also Block MINNP.