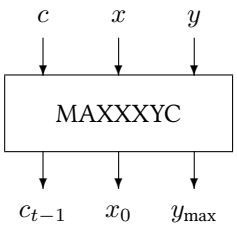
Block MAXXXYC

The MAXXXYC block scans its third input signal for a maximum as long as the condition input remains constant. When this input changes its value, the maximum and the corresponding coordinate is on output and the successors of the block are executed.





Name	MAXXXYC
Function	fb0073
Inputs	3
Outputs	3
Parameters	0
Strings	0
Group	I

Inputs

1 Condition input c
2 Any signal x
3 Corresponding signal y

Outputs

1 Condition input c delayed by one step
2 x-oordinate of maximum value
3 Maximum over all $c =$ const calls

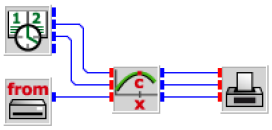
Parameters

None

Strings

None

maxxxyc.vseit



A CLOCK block runs through the hours of the year 1982. Corresponding temperature data are read by a READ block from file `meteo82.dat` which can be found in the `examples/data` directory.

The MAXXXYC block detects the monthly maximum values and outputs the day of occurrence and the value of the maximum temperature via a PLOT block.

