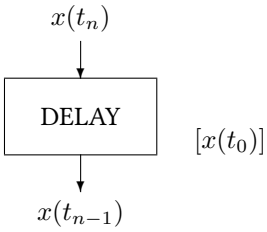
Block DELAY

The DELAY block delays its input signal by a single step.





Name	DELAY
Function	fb0015
Inputs	1 . . . [1000]
Outputs	10
Parameters	0 . . . [1]
Strings	0
Group	D

Inputs

1	Any value $x_1(t_n)$
2	Any value $x_2(t_n)$
i	Any value $x_i(t_n)$

Outputs

1	Delayed signal $x_1(t_{n-1})$
2	Delayed signal $x_2(t_{n-1})$
i	Delayed signal $x_i(t_{n-1})$

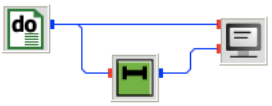
Parameters

1	Initial value $x_1(t_0)$ set to 0 by default.
2	Initial value $x_2(t_0)$ set to 0 by default.
i	Initial value $x_i(t_0)$ set to 0 by default.

Strings

None

delay.vseit



A DO block counts from 1 to 5. Its output is connected to a DELAY block with initial value zero. The outputs are displayed by the SCREEN block as

```
1.0   0.0
2.0   1.0
3.0   2.0
4.0   3.0
5.0   4.0
```