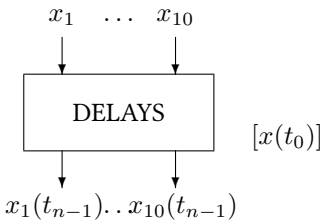
Block DELAYS

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





Name	DELAYS
Function	fb0006
Inputs	1 . . . [10]
Outputs	1 . . . [10]
Parameters	1
Strings	0
Group	S

Inputs

i	Any value $x_i(t_n)$

Outputs

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

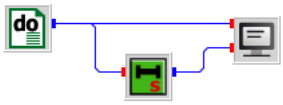
Parameters

1	Initial value $x_i(t_0)$

Strings

None

delays.vseit



A DO block counts from 1 to 5. Its output is connected to a DELAYS 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
```

Please observe that—in contrast to the DELAY block—the DELAYS block cannot be used to solve algebraic loops.