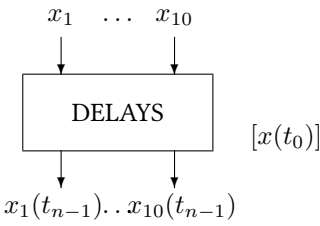


Block DELAYS

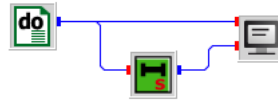
The DELAYS block delays its input signal by a single step.



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

Inputs	<i>i</i>	Any value $x_i(t_n)$
Outputs	<i>i</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.