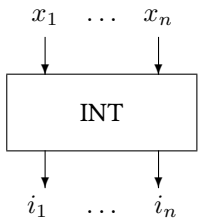
Block INT

The INT block returns the integer value of the input signal.

12.34



Name	INT
Function	fb0005
Inputs	1 . . . [10]
Outputs	1 . . . [10]
Parameters	0
Strings	0
Group	S

Inputs

i Any value x_i

Outputs

i Truncated integer value of x_i, ie if $n \leq x_i < n + 1$ for any value $n \in \mathbf{N}$, return value is n.

Parameters

None

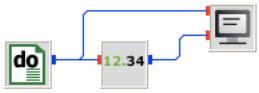
Strings

None

Remarks

The output of the INT block has a rounded value but is still a Fortran Real variable.

int.vseit



A DO block varies its output from 0 to 2 in steps of 0.4. The INT block calculates the integer fraction which is then displayed by a SCREEN block.

```
0.00    0.00
0.40    0.00
0.80    0.00
1.20    1.00
1.60    1.00
2.00    2.00
```