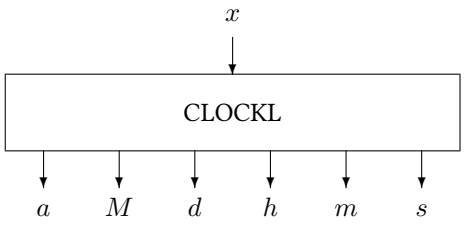
## Block CLOCKL

The CLOCKL block is an L-block version of the CLOCK block..






| | |
|---|---|
| **Name** | CLOCKL |
| **Function** | fb0072 |
| **Inputs** | 1 |
| **Outputs** | 6 |
| **Parameters** | 13 |
| **Strings** | 1 |
| **Group** | L |

### Inputs

| | |
|---|---|
| 1 | Output of a predecessor. |

### Outputs

| | |
|---|---|
| 1 | Year $a$ |
| 2 | Month $M$ |
| 3 | Day $d$ |
| 4 | Hour $h$ |
| 5 | Minute $m$ |
| 6 | Second $s$ |

### Parameters

| | |
|---|---|
| 1 | Start on year $a_1$ |
| 2 | Start on month $M_1$ |
| 3 | Start on day $d_1$ |
| 4 | Start on hour $h_1$ |
| 5 | Start on minute $m_1$ |
| 6 | Start on second $s_1$ |
| 7 | Stop on year $a_2$ |
| 8 | Stop on month $M_2$ |

9 Stop on day $d_2$
10 Stop on hour $h_2$
11 Stop on minute $m_2$
12 Stop on second $s_2$
13 Increment $\Delta t$

Strings

1 Unit of the increment $\Delta t$, case sensitive, ie 'm' $\neq$ 'M', for example
'a' Years
'M' Months
'd' Days
'h' Hours
'm' Minutes
's' Seconds

---

clockl.vseit



The CLOCKL block runs through two hours with a time step of 20 minutes. It starts on the February 28 at 23 o'clock and ends on Februray 29 at 1 o'clock. The result (year $a$, month $M$, day $d$, hour $h$, minute $m$ and second $s$) is shown by a SCREEN block.

The DO block runs the loop two times.

```
2012.    2.   28.   23.    0.    0.
2012.    2.   28.   23.   20.    0.
2012.    2.   28.   23.   40.    0.
2012.    2.   29.    0.    0.    0.
2012.    2.   29.    0.   20.    0.
2012.    2.   29.    0.   40.    0.
2012.    2.   28.   23.    0.    0.
2012.    2.   28.   23.   20.    0.
2012.    2.   28.   23.   40.    0.
2012.    2.   29.    0.    0.    0.
2012.    2.   29.    0.   20.    0.
2012.    2.   29.    0.   40.    0.
```

Remarks Please notice the required connection to the TOL block and the feedback loop.

See also Blocks CLOCK.