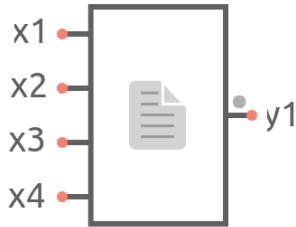


lut_file_4_to_1.gce



Attributes

```
mainvars: x1 x2 x3 x4 y1
sparms: file_name=None
```

Description

lut_file_4_to_1.gce implements a 4-to-1 look-up-table which is provided in a file. The output $y1$ is assigned a value that corresponds to the inputs $x1$, $x2$, $x3$, and $x4$. The variable $x1$ is expected to take values from 1 to $n1$, and so on. The first row of the file should include the values of $n1$, $n2$, $n3$, $n4$.

The document on lut_file_3_to_1.gce would be useful to understand the syntax to be followed.

If $x1 < 1$ is specified, it is treated as 1; similarly, if $x1 > n1$ is specified, it is treated as $n1$. If $x1$ differs from an integer, the nearest integer is used instead of $x1$. Similar comments apply to $x2$, $x3$, $x4$.

The string parameter `file_name` gives the name of the file containing the look-up table. If the absolute path is not specified, the file is expected to be present in the SEQUEL Output directory.

AC behaviour is not implemented.