

x_dummy.xbe

Attributes

```
xbe name=x_dummy evaluate=yes
# dummy (do nothing)
Jacobian: constant
input_vars: x
output_vars:
aux_vars:
iparms:
sparms:
rparms:
stparms:
igparms:
outparms: x
```

Description

GSEIM expects each flow-graph variable to be connected to one or more `xbe` elements. Consider an electrical element (`ebe`), such as `voltmeter_fb.ebe`, which has a flow-graph output node. If the flow-graph node is not connected to any `xbe` element, GSEIM will flag an error and stop. In such situations, it helps to connect the flow-graph node to the input of `x_dummy.xbe`, which is a “dummy” element, i.e., it does not change the value of the variable concerned.

The input variable `x` is also made available for plotting (as an `outvar`).