integrator.xbe

Attributes

```
xbe name=integrator integrate=yes
# y = k int (x dt)
Jacobian: constant
input_vars: x
output_vars: y
aux_vars:
iparms:
sparms:
rparms: k=1
stparms: y_st=0
igparms: y_ig=0
outparms: x y
```

Description

`integrator.xbe` gives $y = \int k\,x\,dt$. The parameter `y_st` provides the start-up value for y in start-up simulation. `x` and `y` are made available as output variables.