```
inner Integer v(start = 0);
                                     state1
inner Integer count(start = 0);
inner outer output Integer v;
                      stateA
         outer output Integer v;
         v = previous(v) + 2;
                 v >= 6 -
                                                            stateX
                                               outer input Integer v;
                      stateB
                                               Integer i(start = 0);
         outer output Integer v;
                                               Integer w;
         v = previous(v) - 1;
                                               i = previous(i) + 1;
                 v == 0 +
                                                stateX.i > 20 +
                      stateC
         outer output Integer count;
                                                           stateY
                                               Integer j(start = 0);
         count = previous(count) + 1;
                                               j = previous(j) + 1;
                 2: true
                                 count >= 2
                      stateD
           activeState(state1.stateD) and activeState(state1.stateY)
                                     state2
                        outer output Integer v;
                        v = previous(v) + 5;
```

v >= 20