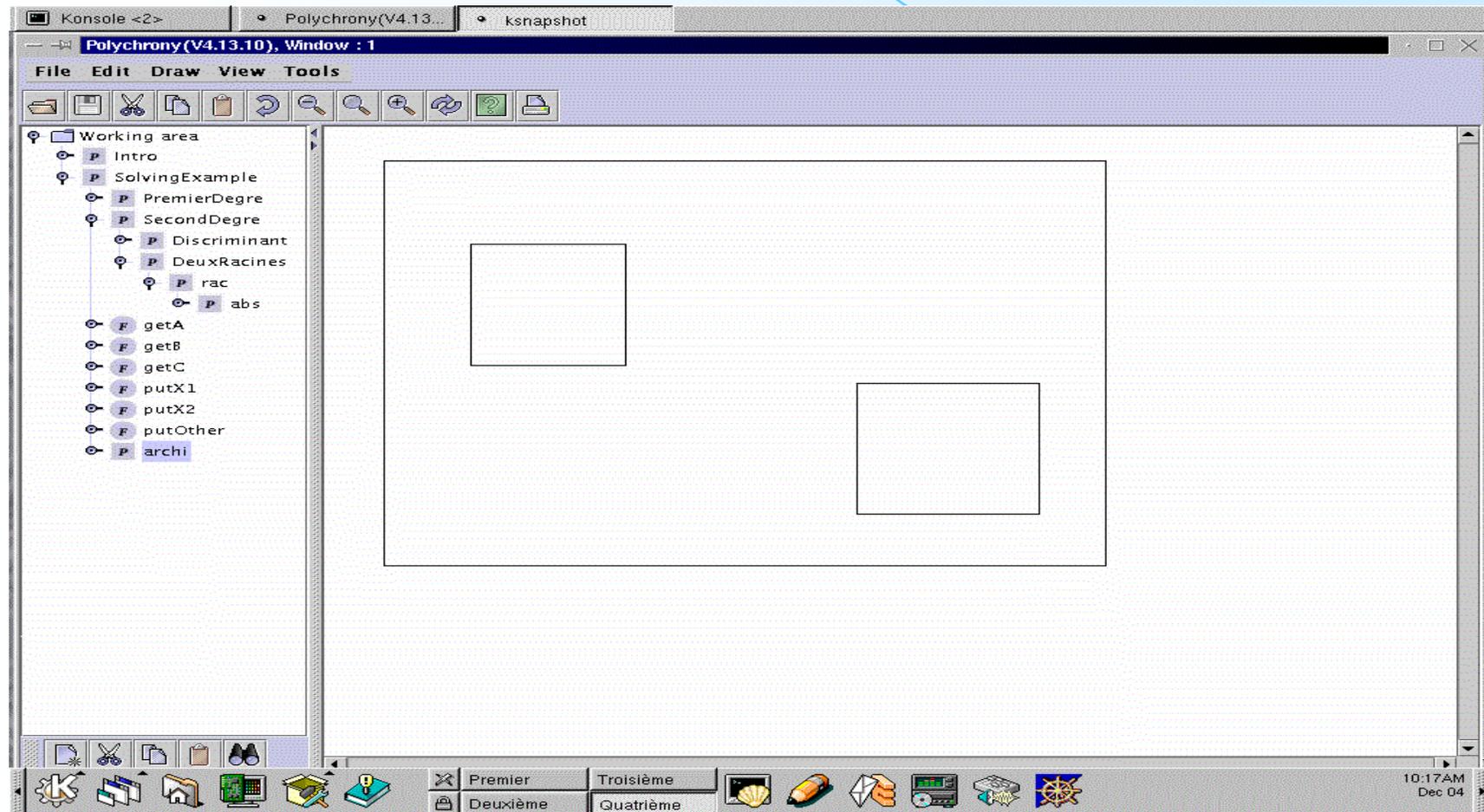
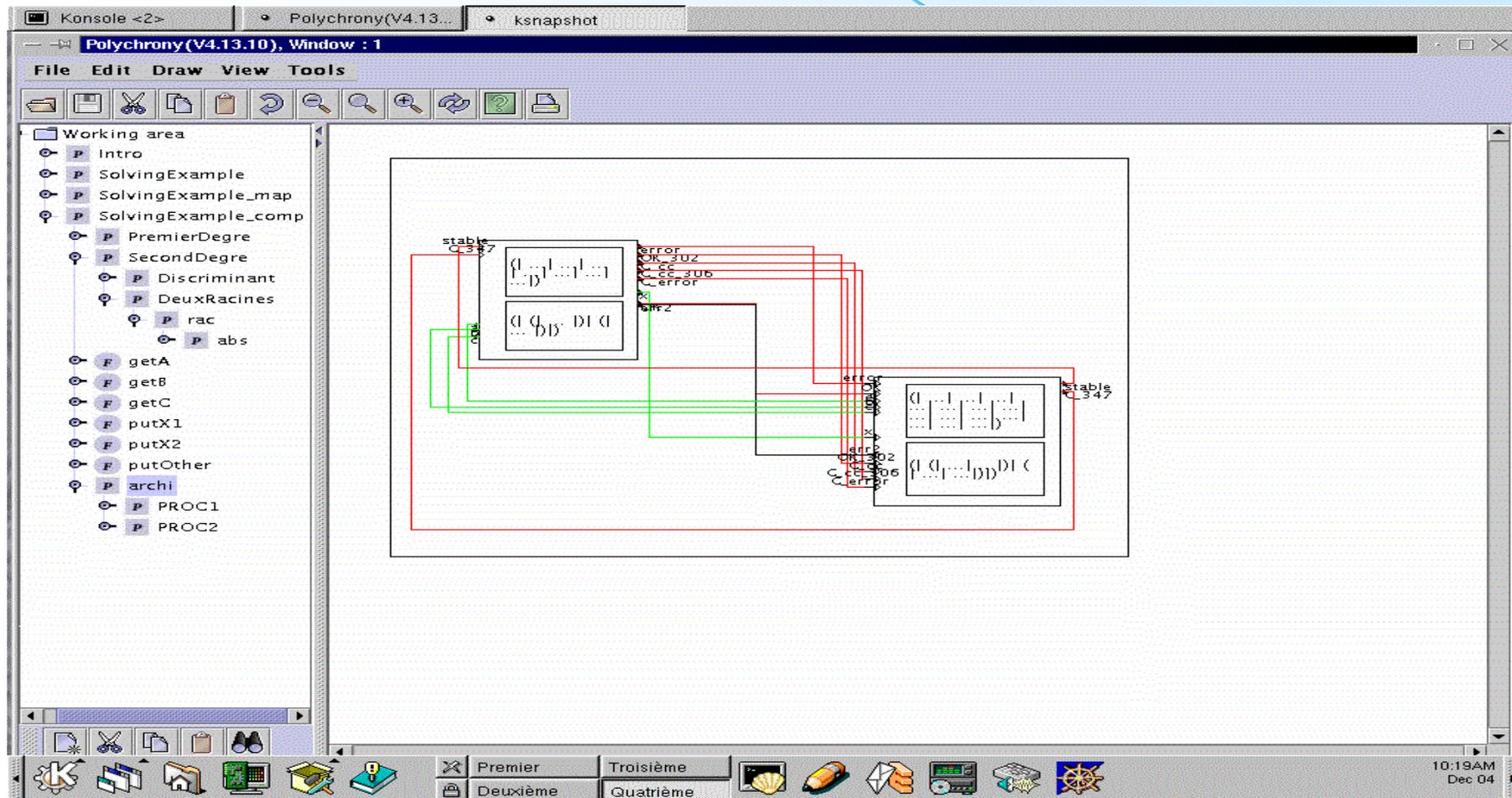


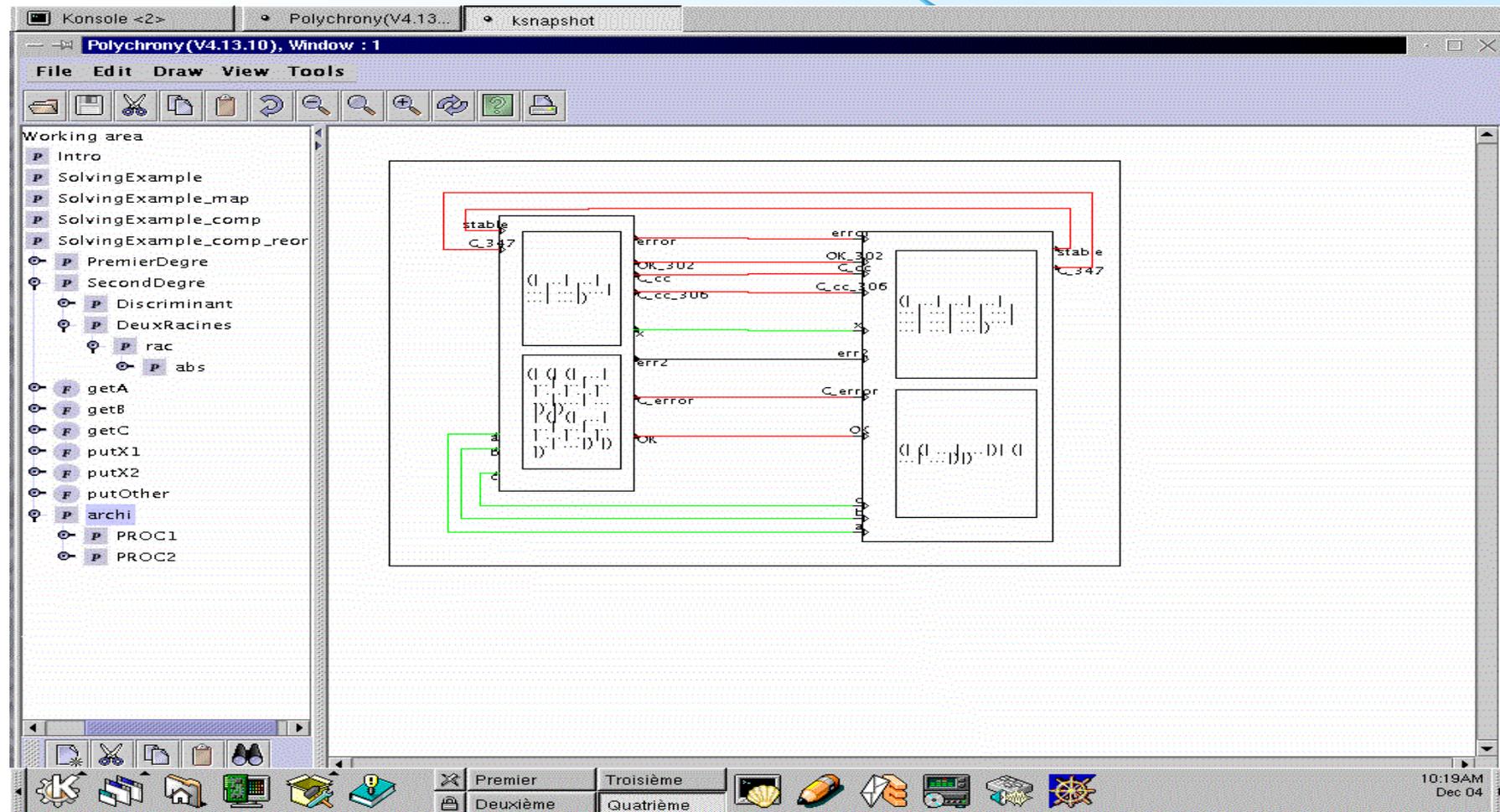
Description of the architecture target



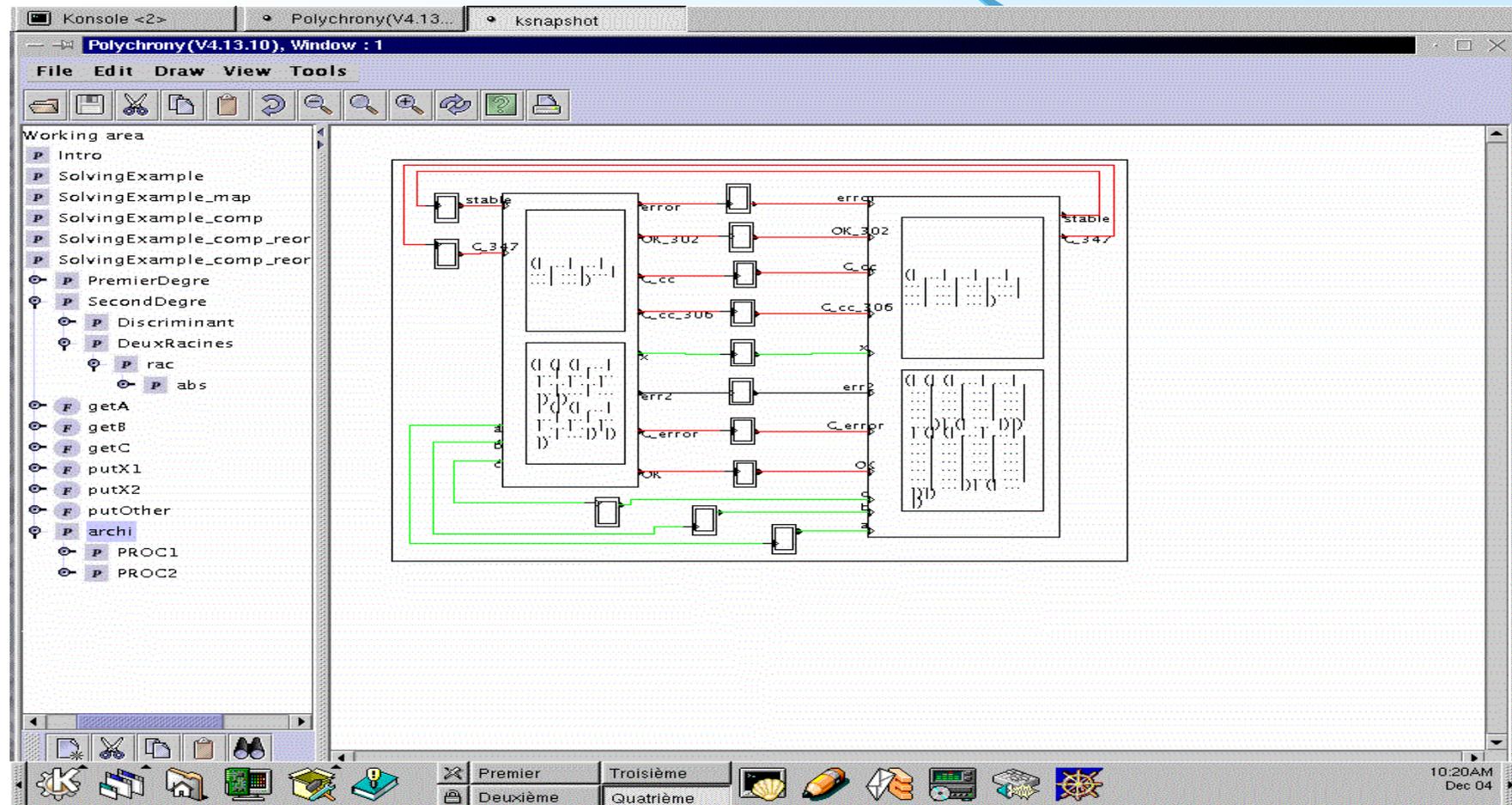
Global compiling



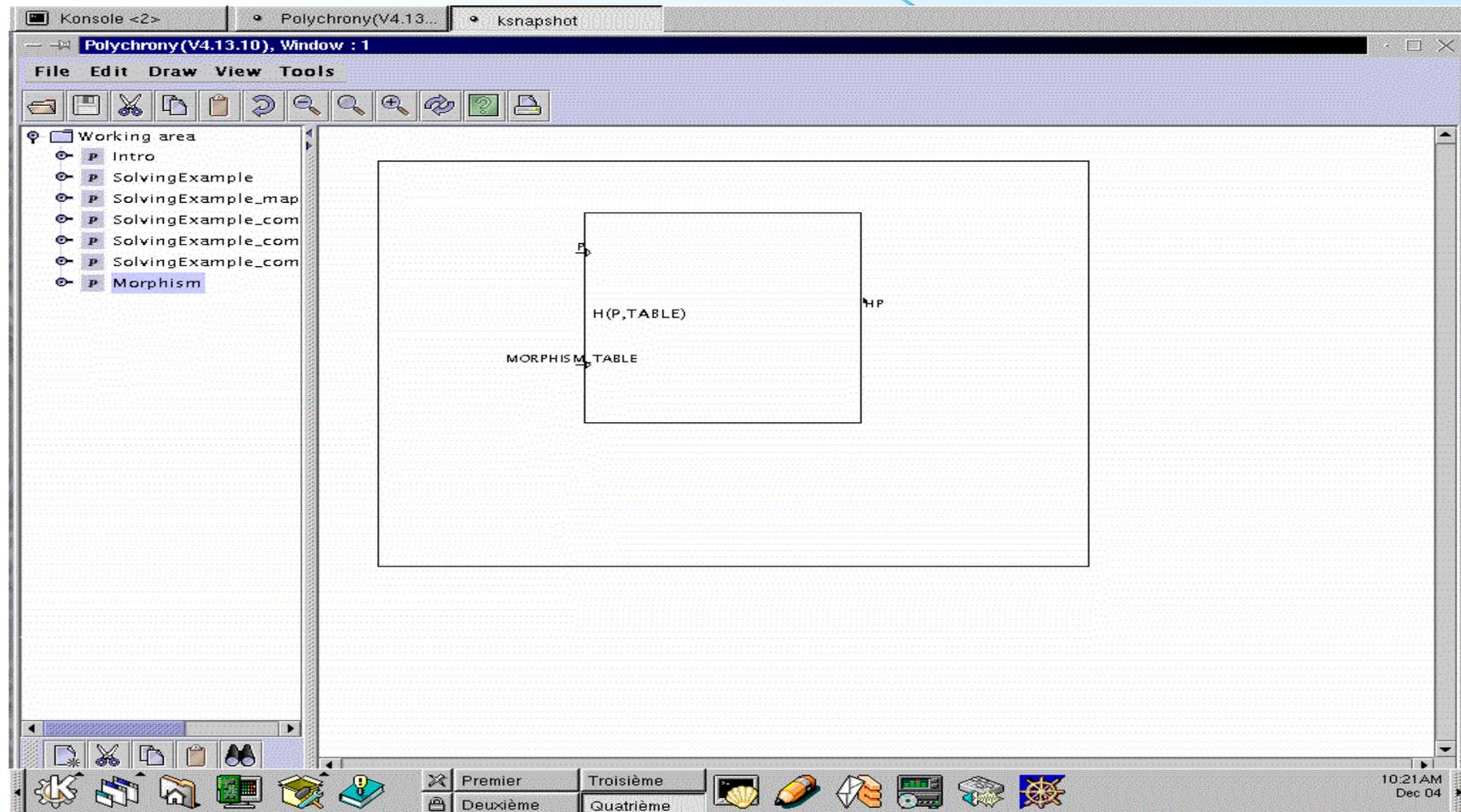
Global compiling(2)



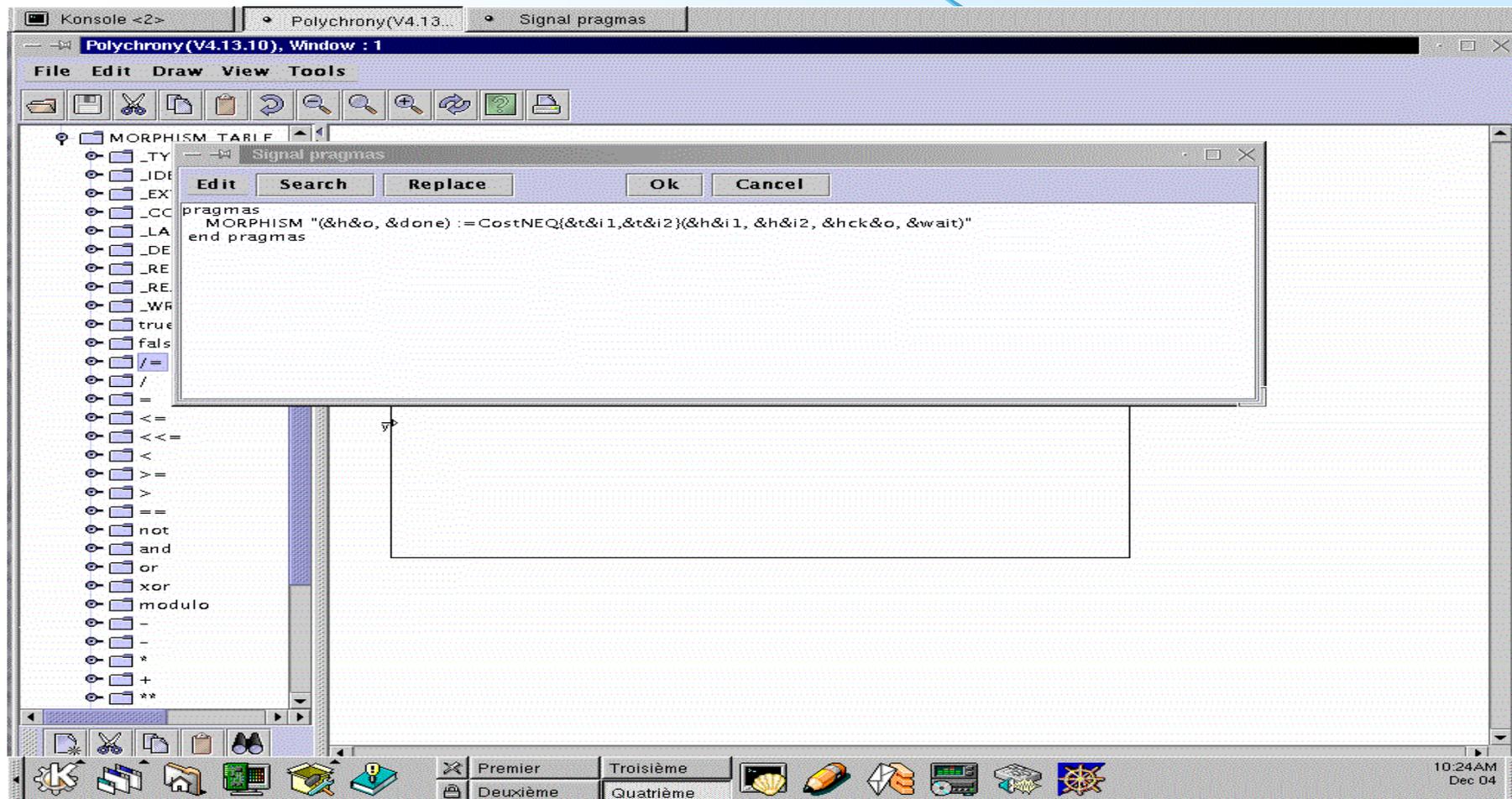
Adding communication channels



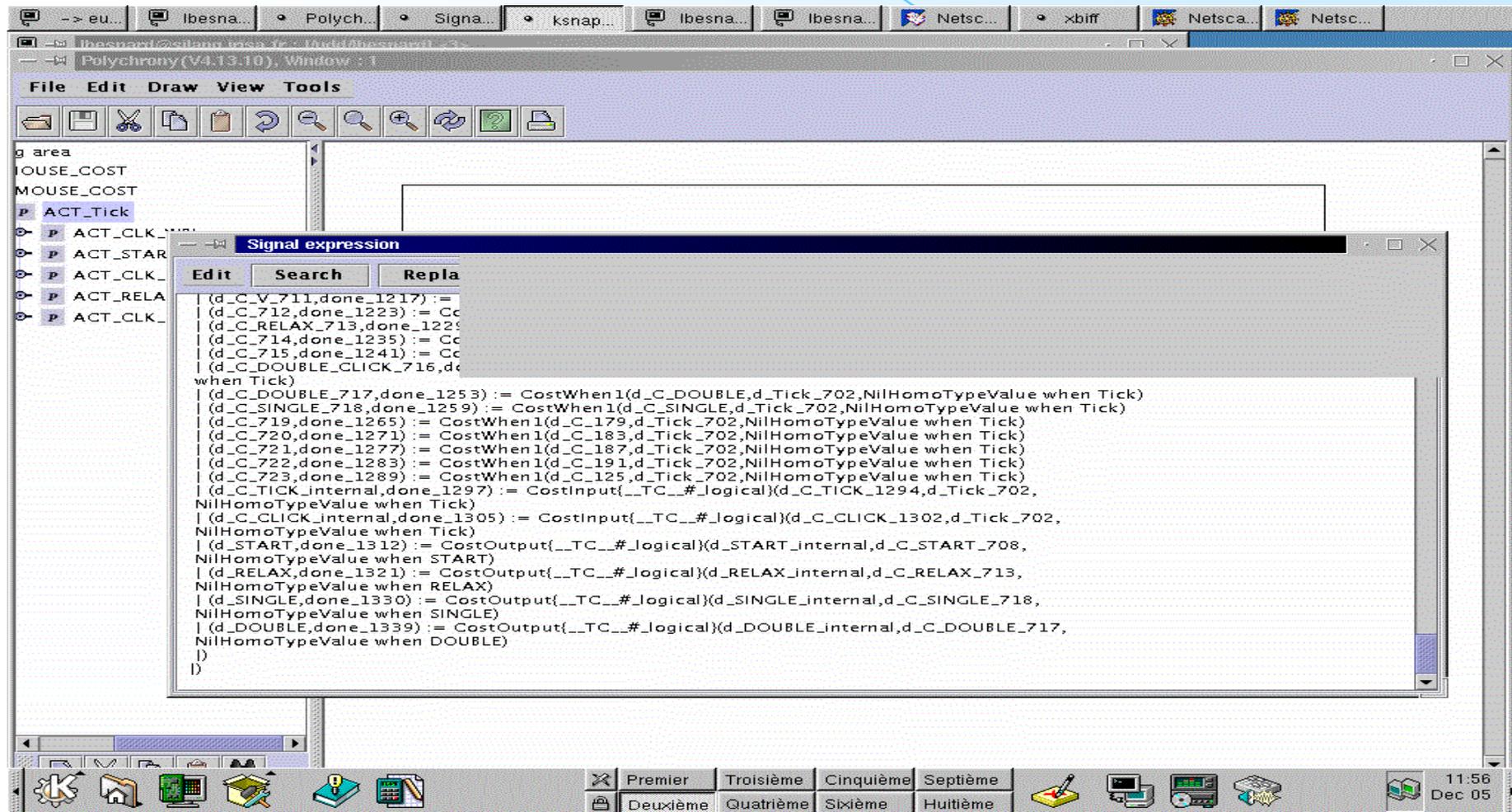
Performance evaluation : morphism



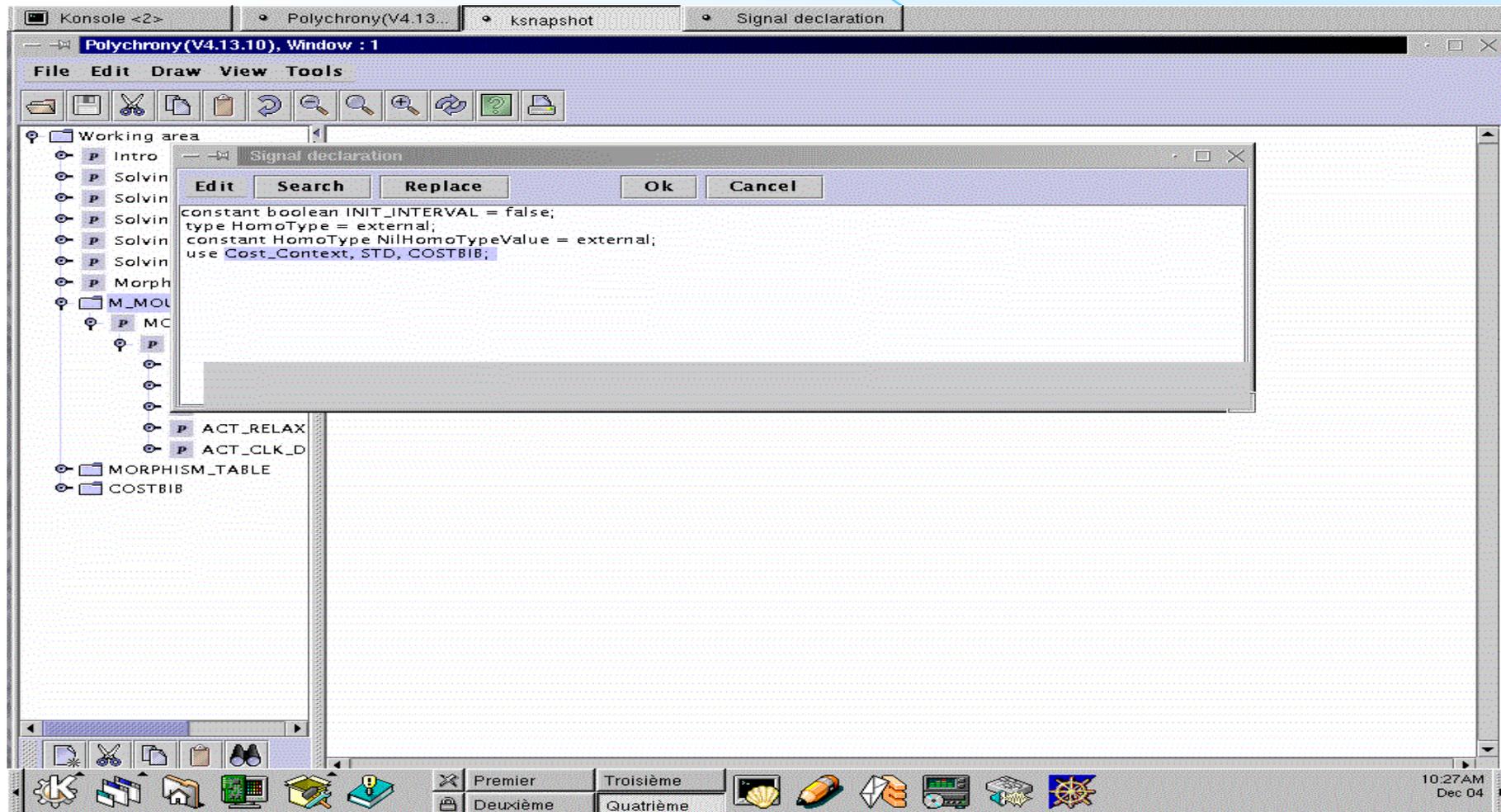
Morphism table



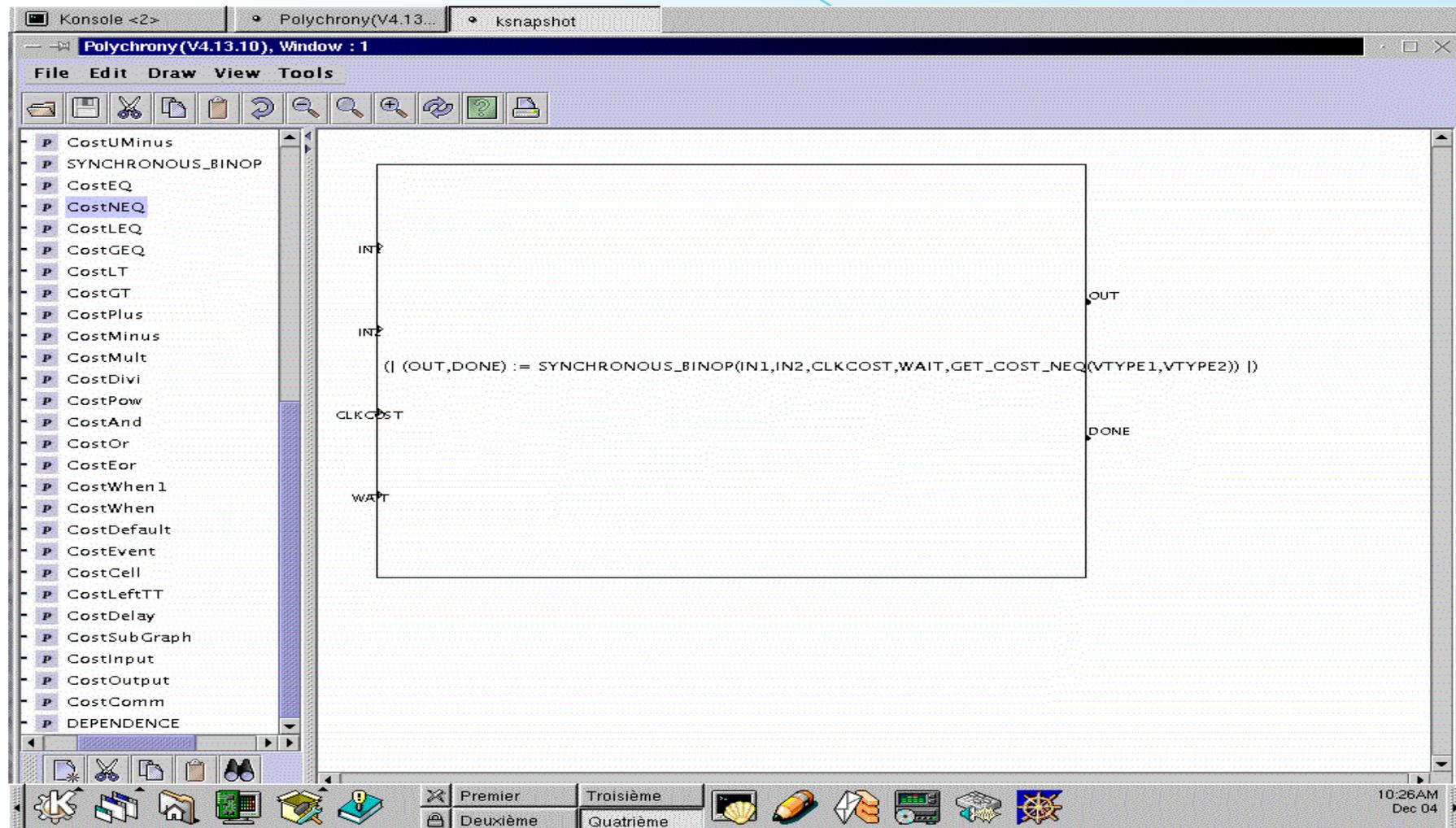
Morphism : an example



Morphism: using libraries



CostBib library : details

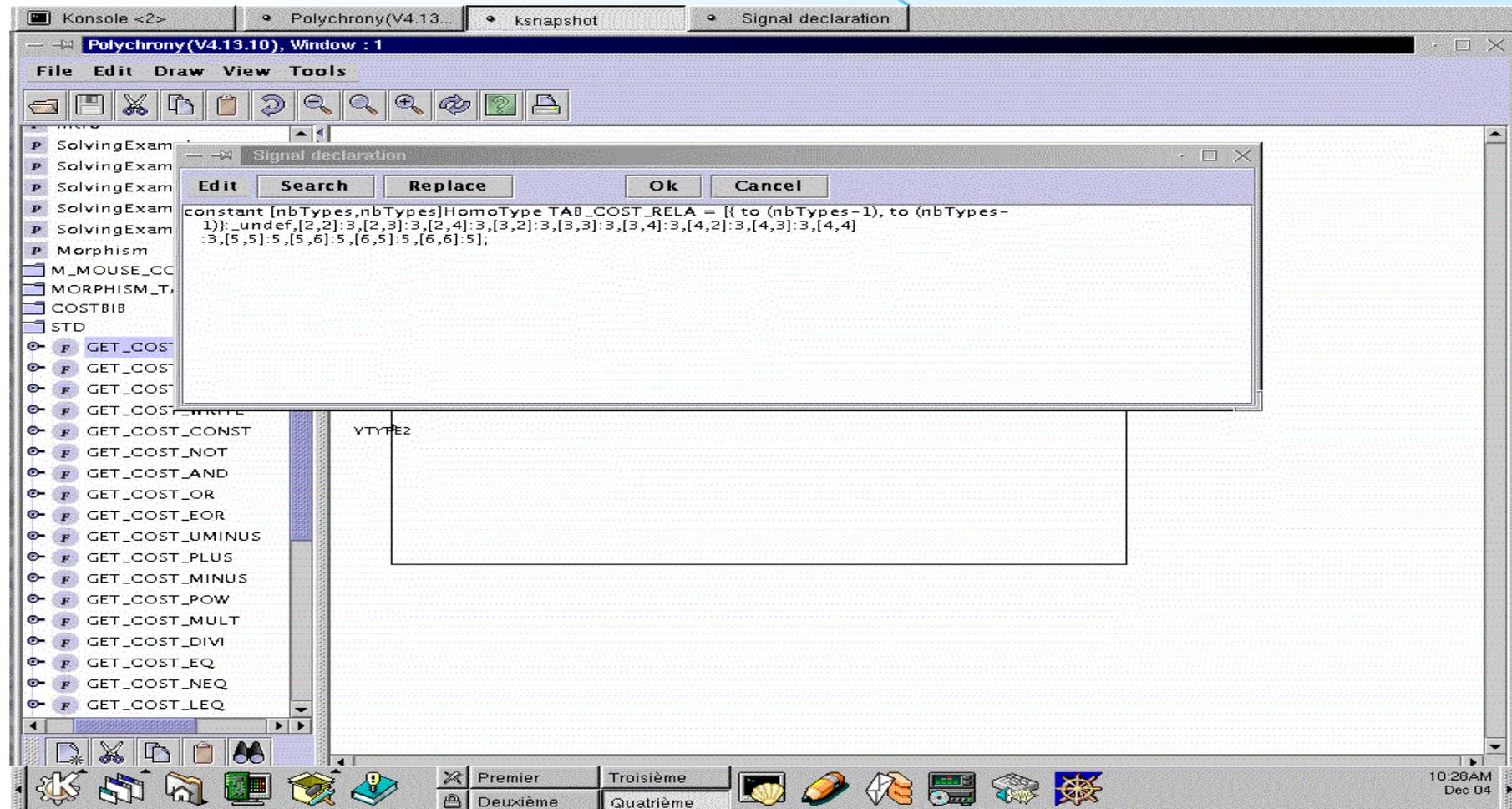


The screenshot shows the Polychrony (V4.13.10) software interface. On the left, a list of components is displayed, including CostUMinus, SYNCHRONOUS_BINOP, CostEQ, CostNEQ, CostLEQ, CostGEQ, CostLT, CostGT, CostPlus, CostMinus, CostMult, CostDivi, CostPow, CostAnd, CostOr, CostEor, CostWhen1, CostWhen, CostDefault, CostEvent, CostCell, CostLeftTT, CostDelay, CostSub Graph, CostInput, CostOutput, CostComm, and DEPENDENCE. The main window displays the details of the SYNCHRONOUS_BINOP component, showing its inputs (IN1, IN2, CLKCOST, WAIT) and outputs (OUT, DONE). The component's internal logic is defined by the following code:

```
(| (OUT,DONE) := SYNCHRONOUS_BINOP(IN1,IN2,CLKCOST,WAIT,GET_COST_NEQ(VTYPE1,VTYPE2)) |)
```

The interface also includes a menu bar (File, Edit, Draw, View, Tools), a toolbar with various icons, and a taskbar at the bottom with several application icons and the system clock showing 10:26AM Dec 04.

Cost values (target)



conclusion

