```
    maude-Yices2.dar

Maude> (mc mutex() \mid = [ (p1(1) \rightarrow \Leftrightarrow p1(2)))
rewrites: 1009 in 43ms cpu (45ms real) (23151 rewrites/second)
BMaude: Model check counter example
Path from the initial state:
WHILE(true)...[p1 = 0 p2 = 0]-> WHILE(true)...[p1 = 0 p2 = 0]->
    p2 := wait \ OR \ p1 := wait[p1 = 0 \ p2 = 0]
Loop:
WHILE(true)...[p1 = 1 p2 = 0]-> p2 := wait OR p1 := crit[p1 = 1
    p2 = 0]-> WHILE(true)...[p1 = 1 p2 = 1]-> p2 := crit OR p1
    := crit[p1 = 1 p2 = 1]-> WHILE(true)...[p1 = 1 p2 = 2]
Maude>
```