

```
1 THEORY
2 IMPORT THEORY PROJECTS
3 /SimpleDEq THEORIES /SimpleDEq/LinComb.dtf | org.eventb.theory.core.deployedTheoryRoot#LinComb
4 DATA TYPES
5 Status
6 CONSTRUCTORS
7 ValveOpen ()
8 ValveClosed ()
9 InOutValve
10 CONSTRUCTORS
11 InOut (in_status : Status , out_status : Status)
12 OPERATORS
13 openIn <expression> (iov : InOutValve)
14 closeIn <expression> (iov : InOutValve)
15 openOut <expression> (iov : InOutValve)
16 closeOut <expression> (iov : InOutValve)
17 rstatus <expression> (st : Status)
18 in_rstatus <expression> (iov : InOutValve)
19 out_rstatus <expression> (iov : InOutValve)
20 InOutPossible <expression> ()
21 direct definition
22 { InOut (ValveOpen , ValveOpen) ,
23 InOut (ValveOpen , ValveClosed) ,
24 InOut (ValveClosed , ValveOpen) ,
25 InOut (ValveClosed , ValveClosed) }
26 END
```