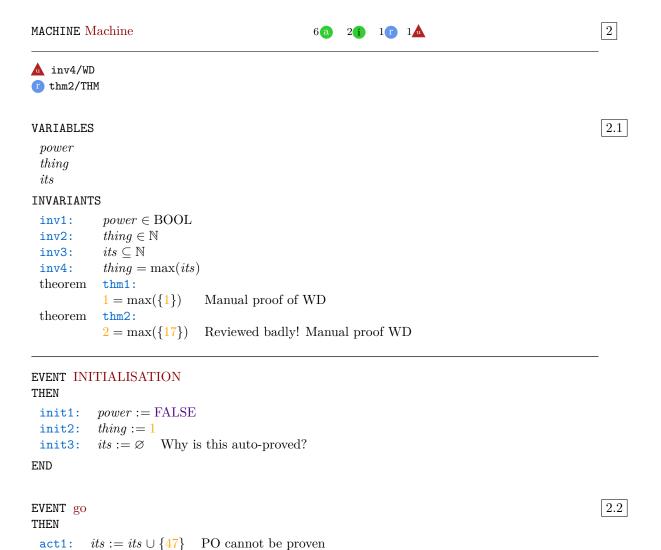
## An Event-B Specification of

## ProofFailures

| _ |                     | _ |
|---|---------------------|---|
| 1 | CONTEXT Direction 🛕 | 2 |
|   | 1.1 DIR             |   |
|   | 1.2 LEFT RIGHT      | 4 |
|   | MACHINE Machine 🛕 🗈 | • |
|   | 2.1 its power thing |   |
|   | 2.2 go              | : |

1 CONTEXT Direction 2a 1 ▲ thm1/THM 1.1 SETS DIR 1.2 CONSTANTS LEFT RIGHT AXIOMS axm1: partition(DIR, {LEFT}, {RIGHT}) THEOREM thm1: 1 = 2Not provable. thm2:  $1 = \max(\{1, 2, 3\})$  Woot?



END

Direction, 2

go, 3

INITIALISATION, 3

its, 3

Machine, 3

power, 3

thing, 3