An Event-B Specification of

ProofFailures

A	machine	with	unproven,	reviewed	and	manually	proven	POs

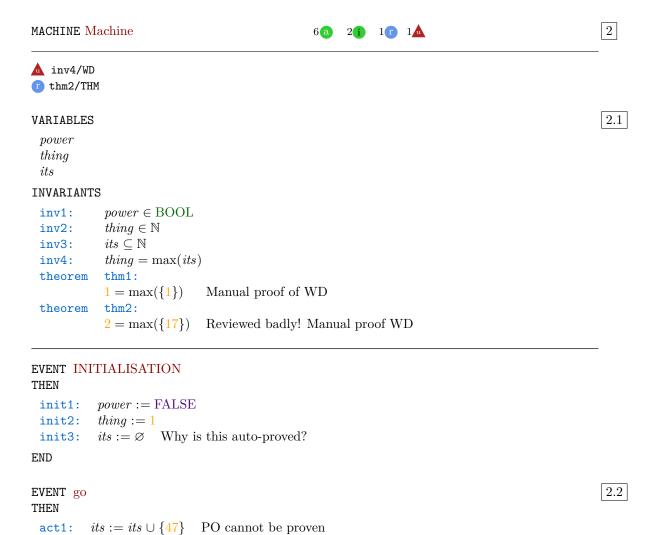
1	CONTEXT Direction 🛕								
	1.1 DIR								
	1.2 LEFT RIGHT								
2	MACHINE Machine 🛕 😰								
	2.1 its power thing								
	2.2 gg								

1 CONTEXT Direction 2a 1 ▲ thm1/THM 1.1 SETS DIR 1.2 CONSTANTS LEFT RIGHT AXIOMS $\operatorname{partition}(\operatorname{DIR}, \{\operatorname{LEFT}\}, \{\operatorname{RIGHT}\})$ axm1: theorem thm1: Not provable. 1 = 2

END

theorem thm2:

 $1=\max(\{1,2,3\}) \quad \text{Woot?}$



END

Direction, 2

go, 3

INITIALISATION, 3

its, 3

Machine, 3

power, 3

thing, 3