

world-es-val^{0,22}

$\forall the_w: \text{World}.$

FairFifo

$\Rightarrow \text{val-axiom}(E; the_w.TA; the_w.M; \lambda e. \text{w-info}(the_w; e); \lambda e. \text{w-pred}(the_w; e);$
 $\lambda i, x. s(i; 0).x; \lambda i. 1\text{of}(2\text{of}(\text{w-machine}(the_w; i))); \lambda i. 1\text{of}(\text{w-machine}(the_w; i));$
 $\lambda i. 2\text{of}(2\text{of}(\text{w-machine}(the_w; i))); \lambda e. \text{val}(e))$