d-world[11,40]

d-world(D;v;*sched*;*dec*;*discrete*)
$\equiv_{\text{def}}$ $<$ $\lambda i,x.$ M(i).ds(x)
, $\lambda i,a.$ M(i).da(locl(a))
, $\lambda l,tg.$ M(source(l)).dout(l,tg)
, $\lambda i,t.$ if ($t =_0 0$)
then λx.M(i).init(x)?v(i,x)
else (CV(d-comp(D; v; *sched*; *dec*; *discrete*))((t - 1),i)).1
fi
, $\lambda i,t.$ ((CV(d-comp(D; v; *sched*; *dec*; *discrete*))(t,i)).2).1
, $\lambda i,t.$ (CV(d-comp(D; v; *sched*; *dec*; *discrete*))(t,i)).2.2
, λi.d-machine(i;M(i);*dec*(i))
, *discrete*
, $\cdot >$

clarification:

d-world{i:l}
(D; v; *sched*; *dec*; *discrete*)
$\equiv_{\text{def}}$ $<$ $\lambda i,x.$ d-m(D; i).ds(x)
, $\lambda i,a.$ d-m(D; i).da(locl(a))
, $\lambda l,tg.$ d-m(D; source(l)).dout(l,tg)
, $\lambda i,t.$ if ($t =_0 0$)
then λx.d-m(D; i).init(x)?v(i,x)
else (CV(d-comp(D; v; *sched*; *dec*; *discrete*))((t - 1),i)).1
fi
, $\lambda i,t.$ ((CV(d-comp(D; v; *sched*; *dec*; *discrete*))(t,i)).2).1
, $\lambda i,t.$ (CV(d-comp(D; v; *sched*; *dec*; *discrete*))(t,i)).2.2
, λi.d-machine(i;d-m(D; i);*dec*(i))
, *discrete*
, $\cdot >$

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http://www.nuprl.org/FDLcontent/p0_963683_/p26_68603_{d-world}.html