

d-world^{0,22}

$\text{d-world}(D;v;sched;dec)$
 $\equiv_{\text{def}} \langle (\lambda i,x. M(i).ds(x))$
 $, (\lambda i,a. M(i).da(\text{locl}(a)))$
 $, (\lambda l,tg. M(\text{source}(l)).dout(l,tg))$
 $, (\lambda i,t. \text{if } t=20 \rightarrow \lambda x.M(i).init(x)?v(i,x)$
 $\text{else } 1\text{of}(\text{CV}(\text{d-comp}(D;v;sched;dec))(t-1,i)) \text{ fi})$
 $, (\lambda i,t. 1\text{of}(2\text{of}(\text{CV}(\text{d-comp}(D;v;sched;dec))(t,i))))$
 $, (\lambda i,t. 2\text{of}(2\text{of}(\text{CV}(\text{d-comp}(D;v;sched;dec))(t,i))))$
 $, (\lambda i.\text{d-machine}(i;M(i);dec(i)))$
 $, \cdot \rangle$

clarification:

$\text{d-world}\{i:l\}$
 $(D; v; sched; dec)$
 $\equiv_{\text{def}} \langle (\lambda i,x. \text{d-m}(D; i).ds(x))$
 $, (\lambda i,a. \text{d-m}(D; i).da(\text{locl}(a)))$
 $, (\lambda l,tg. \text{d-m}(D; \text{source}(l)).dout(l,tg))$
 $, (\lambda i,t. \text{if } t=20 \rightarrow \lambda x.\text{d-m}(D; i).init(x)?v(i,x)$
 $\text{else } 1\text{of}(\text{CV}(\text{d-comp}(D;v;sched;dec))(t-1,i)) \text{ fi})$
 $, (\lambda i,t. 1\text{of}(2\text{of}(\text{CV}(\text{d-comp}(D;v;sched;dec))(t,i))))$
 $, (\lambda i,t. 2\text{of}(2\text{of}(\text{CV}(\text{d-comp}(D;v;sched;dec))(t,i))))$
 $, (\lambda i.\text{d-machine}(i;\text{d-m}(D; i);dec(i)))$
 $, \cdot \rangle$