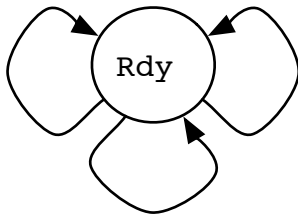


$$\frac{\begin{array}{l} \text{Match}(st, S1), \\ \text{Avail}(i), \\ \text{Match}(i, \text{EoS}), \\ \text{Avail}(o) \end{array}}{\text{Read}(i), \\ \text{Write}(st, S0), \\ \text{Write}(o, \text{sum})} \quad 2$$


$$\frac{\begin{array}{l} \text{Match}(st, S0), \\ \text{Avail}(i), \\ \text{Match}(i, \text{SoS}) \end{array}}{\text{Read}(i), \\ \text{Write}(st, S1), \\ \text{Write}(\text{sum}, 0)} \quad 1$$

$$\frac{\text{Match}(st, S1), \text{Avail}(i), \text{Match}(i, \text{Data } v)}{\text{Bind}(i, \text{Data } v), \text{Write}(\text{sum}, \text{sum}+v)} \quad 3$$