This is our goal:

for(y: <logicalFormula> <- x)P

sigma = unify(src(
$$a_T$$
), S) $K_{Par} = [] | P$ $K_{Par}[S] \rightarrow a_I \rightarrow K_{Par}[trgt(a_T) sigma]$

sigma = unify(src(a_T), S) $K_{Par}[S] -> a_L -> K_{Par}[trgt(<math>a_T$) { K1[sigma([y]1)] / K1[y]1, K2[sigma([]2)] / K2[[]2]] }

Examples

$$\begin{aligned} a_T &= \begin{bmatrix} 1 & \odot & \begin{bmatrix} 2 & - \odot (& \begin{bmatrix} 1 & 1 & \end{bmatrix} & 2 & 1 \\ 0 & u & - \odot (& \begin{bmatrix} 1 & 1 & 1 & 1 \\ 0 & u & - \odot & \end{bmatrix} & - > f(& \begin{bmatrix} 1 & 1 & 1 \\ 0 & 1 & 1$$

$$a_{L} = []1 \odot []2$$

$$L ::= a_{L} | a_{L}(-,u) | a_{L}(t, -) | a_{L} o < K1, K2 > | L \odot L$$

sigma = unify(src(
$$a_T$$
), s) K_{\odot} = [] \odot v K_{\odot} [s] -> a_1 -> K_{\odot} [t sigma]

Nota bene: in the current account ... has no binding and the rho version only has asymmetric binding. But, ambient has no binding for interaction and the MeTTa calculus has symmetric binding. So ... has 4 possibilities (no binding, binding left, binding right, binding both).