

section *circus* **parents** *standard_toolkit*

[*COOKIE*, *OutputCookie*]

channel *a* : \mathbb{N}

process *HRModule* $\hat{=}$ **begin**

[*EMP*, *NAME*, *ADDRESS*, *TEL*]

$EMPDETAIL == NAME \times ADDRESS \times TEL$ $hrstaff : \mathbb{P} EMP$

$State$ $empDet : EMP \rightarrow EMPDETAIL$

state *State* == [*empDet* : *EMP* \rightarrow *EMPDETAIL*]
InitState == [*State*′ | *money*′ = 0 \wedge *quantity*′ = *cookieQuantity*]
InputMoney == [$\Delta State$; *x*? : \mathbb{N} | *money* \leq *cookieValue* \wedge *money*′ = *money* + *x*?]

$InitState$ $State'$

$getEmployeeDetail$ $\Xi State$ $emp? : EMP$ $req? : EMP$ $detail! : EMPDETAIL$
$req? \in \text{dom } empDet \wedge (detail! = empDet \text{ } emp?)$

state *State*

InitState ; $(\mu \ X \bullet \textit{getEmployeeDetail} ; \ X)$

end

This specification describes ...