Syntax

Projection To Python

$$(Exp) \quad (\|it@(\overline{B}):\tau\|)^A = \begin{cases} lit & \text{if } A \in \overline{B} \\ \text{Unit.id otherwise} \end{cases}$$

$$(Exp.id:\tau)^A = \begin{cases} (Exp)^A.id & \text{if } A \in \text{rolesOf}(Exp.id) \\ \text{absent} & \text{otherwise} \end{cases}$$

$$(f(\overline{Exp}):\tau)^A = \begin{cases} f((\overline{\|Exp\|^A})) & \text{if } A \in \text{rolesOf}(f(\overline{Exp})) \\ \text{Unit.id}(f((\overline{\|Exp\|^A}))) & \text{if } A \in \text{rolesOf}(\overline{Exp}) \land A \notin \text{rolesOf}(f(\overline{Exp})) \end{cases}$$

$$(Exp.f(\overline{Exp}):\tau)^A = \begin{cases} (Exp)^A.f((\overline{\|Exp\|^A})) & \text{otherwise} \end{cases}$$

$$(Exp.f(\overline{Exp}):\tau)^A = \begin{cases} (Exp)^A.f((\overline{\|Exp\|^A})) & \text{if } A \in \text{rolesOf}(Exp.\Lambda A \in \text{role$$

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 (Stm) \quad (\text{pass})^A = \text{pass}   (\text{return } Exp;)^A = \text{return}(Exp)^A : \quad a   (\text{case}id: (Stm)^A; \quad a   (\text{case}_{--}: (Stm)^A; \quad a   (Exp)^A; (Stm)^A \quad a   (Stm)^A \quad a
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