

1 Language Definitions

1.1 Terms

$x \in$ reference

$\iota \in$ object identifier

$\eta \in$ name

$\theta := \langle \rho_{\text{members}}, \rho_{\text{methods}} \rangle$

$f := \langle \rho_{\text{members}}, \rho_{\text{methods}}, e_{\text{body}} \rangle$

$e := x \mid \eta \mid \text{let } x := e_0 \text{ in } e_1 \mid \text{if } e \text{ e } e \mid$
 $e \ e_0 \dots e_n$

$\rho := x \mapsto \iota$

$\Pi := \eta \mapsto \iota$

$\Phi := \iota \mapsto \theta$