

Closest Match Method Invocation

$$\frac{\begin{array}{l} C, L, X, \sigma \vdash E : D \quad C, L, X, \sigma \vdash E_i : \sigma_i \\ D \vdash \tau \text{ m}(\tau_1, \dots, \tau_k) Y \quad \tau_i := \sigma_i \\ \forall D \vdash \gamma \text{ m}(\gamma_1, \dots, \gamma_k) Z : (\forall_i: \gamma_i := \sigma_i) \Rightarrow (\forall_i: \gamma_i := \tau_i) \end{array}}{C, L, X, \sigma \vdash E . \text{m} (E_1, \dots, E_k) : \tau}$$

- This rule does not describe access modifiers

Unique Match Method Invocation

$$\frac{\begin{array}{l} C, L, X, \sigma \vdash E : D \quad C, L, X, \sigma \vdash E_i : \sigma_i \\ D \vdash \tau \ m(\tau_1, \dots, \tau_k) \ Y \quad \tau_i := \sigma_i \\ \forall D \vdash \gamma \ m(\gamma_1, \dots, \gamma_k) \ Z : (\forall_i : \gamma_i := \sigma_i) \Rightarrow (\forall_i : \gamma_i = \tau_i) \end{array}}{C, L, X, \sigma \vdash E.m(E_1, \dots, E_k) : \tau}$$

- This rule does not describe access modifiers