Terms:
$$t, u ::= x \mid t\,u \mid \lambda x.\,t$$

Fireballs, inerts and normal forms:

$$
\begin{array}{rcl}
f & ::= & x \mid i \mid \lambda x.\,t \\
i & ::= & x\,F_1 \cdots F_n \\
F & ::= & K\langle f \rangle
\end{array}
$$

Contexts K:
$$K ::= [\,] \mid i\,;\,K$$

$$
\begin{array}{rcl}
K_1\langle \lambda x.\,t \rangle\,K_2\langle \lambda y.\,u \rangle & \mapsto_{\beta_\lambda} & K_1\langle K_2\langle t\{x \leftarrow \lambda y.\,u\}\rangle\rangle \\
K_1\langle \lambda x.\,t \rangle\,K_2\langle y \quad\rangle & \mapsto_{\beta_v} & K_1\langle K_2\langle t\{x \leftarrow y\}\rangle\rangle \\[6pt]
K_1\langle \lambda x.\,t \rangle\,K_2\langle i \quad\rangle & \mapsto_{\beta_i} & \begin{cases} K_1\langle K_2\langle t\{x \leftarrow i\}\rangle\rangle & \text{if } x \text{ occurs in } t \\ K_1\langle K_2\langle i\,;\,t\rangle\rangle & \text{otherwise} \end{cases}
\end{array}
$$

Evaluation contexts E:

$$E ::= [\,] \mid t\,E \mid E\,t$$