Relazione

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0.1 TYPING RULES

$$\frac{\Gamma \vdash \mathbb{Z} : \text{LInt}}{\Gamma \vdash \mathbb{Z} : \text{LInt}} \frac{\text{IntE}}{\Gamma \vdash \mathbb{B} : \text{LBool}} \frac{\text{BoolE}}{\Gamma \vdash x : \tau} \frac{x : \tau \in \Gamma}{\Gamma \vdash x : \tau} \frac{\text{Var}}{\Gamma \vdash \lambda x : \tau_1 . e : \tau_2} \frac{\Gamma, x : \tau_1 \vdash e : \tau_2}{\Gamma \vdash \lambda x : \tau_1 . e : \tau_1 \to \tau_2} \frac{\text{Lambda}}{\Gamma \vdash e_1 : \tau_1 \to \tau_2} \frac{\Gamma \vdash e_2 : \tau_1}{\Gamma \vdash e_1 : \tau} \frac{\Gamma \vdash e_2 : \tau_1}{\Gamma \vdash e_1 : \tau} \frac{\Gamma \vdash e_2 : \tau_1}{\Gamma \vdash e_1 : \tau} \frac{\text{PrimBinOp}}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_1 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \text{result(op)}} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \tau} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \tau} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \tau} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \tau} \frac{\Gamma \vdash e_2 : \tau}{\Gamma \vdash \text{op } e : \tau} \frac{\Gamma}{\Gamma \vdash$$

0.2 BIG-STEP SEMANTICS

$$\frac{}{\nu \Rightarrow \nu} \text{ IntE/BoolE } \frac{e_1 \Rightarrow \lambda x : \tau.e \quad \ \ e_2 \Rightarrow \nu_2 \quad \ \ e_1^{[\nu_2/e_1]} \Rightarrow \nu}{e_1 e_2 \Rightarrow \nu} \text{ App}$$

BIBLIOGRAFIA

[1] Pantieri, Lorenzo e Tommaso Gordino (2017), L'arte di scrivere con LETEX, http://www.lorenzopantieri.net/LaTeX_files/ArteLaTeX.pdf.

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