

-- Unit type for empty context

data \emptyset : Set where

unit : \emptyset

-- Context Interpretation

$\llbracket _ \rrbracket_{\text{ctx}} : \text{Context} \rightarrow \text{SD} \rightarrow \text{Set}$

$\llbracket \cdot \rrbracket_{\text{ctx}} _ = \emptyset$

$\llbracket \Gamma , A \rrbracket_{\text{ctx}} sd = \llbracket \Gamma \rrbracket_{\text{ctx}} sd \times \llbracket A \rrbracket_{\text{ty}} sd$