

# Linear Everywhere Dependent Type Theory (LEDTT)

## Trivialization:

If  $\emptyset \vdash t : A$ , then  $t$  is  $\text{Type}_{l_1}$  and  $A$  is  $\text{Type}_{l_2}$  for some  $l_1$  and  $l_2$  where  $l_1 < l_2$ .

**LEDTT must be relaxed in order to regain  
the expressiveness of dependent types**