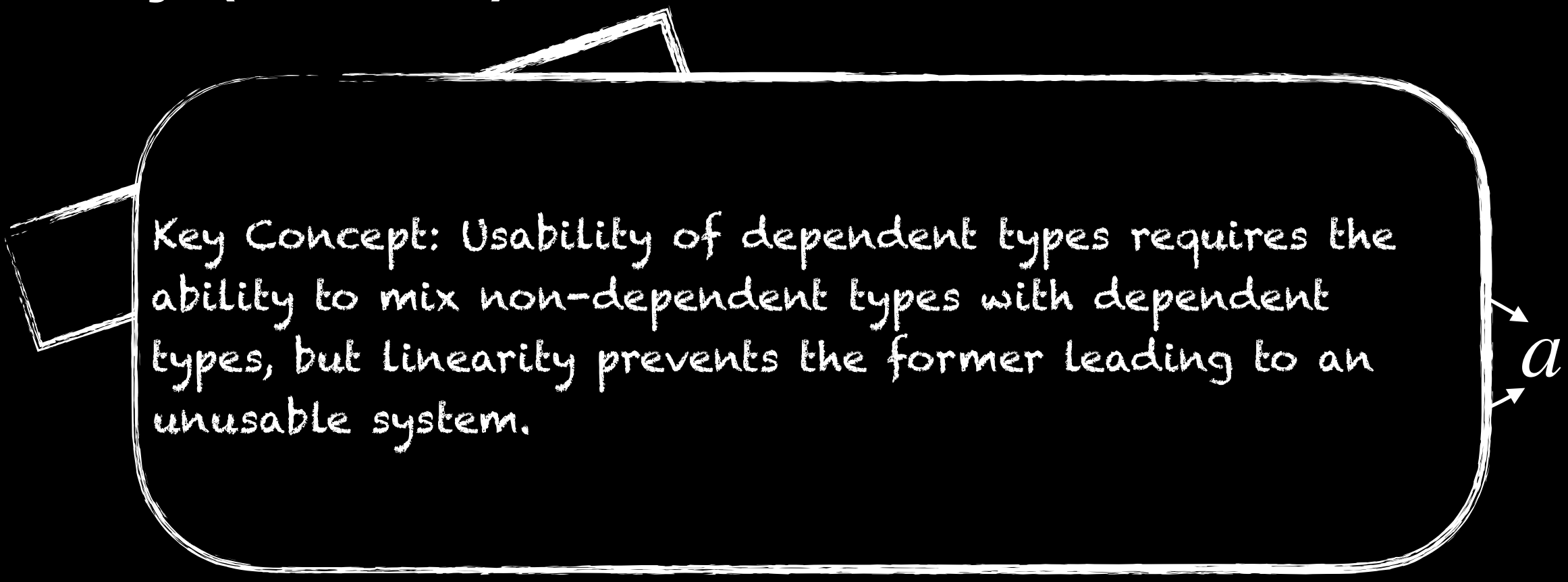


Key Concept: Usability of dependent types requires the ability to mix non-dependent types with dependent types, but linearity prevents the former leading to an unusable system.

Linear Everywhere Dependent Type Theory (LEDTT)



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Trivialization:

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