Seshatic Inequality Overloading

by Sven Nilsen, 2021

In this paper I introduce a technique of overloading inequality with a Seshatic relation.

Assume one has a member of some type:

a : T

Now, pick one value of some second type, that is symbolic distinct[1] from the first:

b : U

Seshatic Inequality Overloading is the idea that members of two symbolic distinct types are inequal:

a ¬= b

This form of overloading is only valid when two symbolic distinct types can not be treated as equal.

References:

[1] “Symbolic Distinction”
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https://github.com/advancedresearch/path_semantics/blob/master/papers-wip2/symbolic-distinction.pdf