

TREE

0x54 0x52 0x45 0x45

Shallow semantics (relational)

$\forall x \text{is_a}(x, \text{PINE}) \rightarrow \text{is_a}(x, \text{TREE}) \wedge \text{has}(x, \text{NEEDLES}) \wedge \text{is}(x, \text{EVERGREEN}),$

$\forall x \text{is_a}(x, \text{TREE}) \rightarrow \text{is_a}(x, \text{PLANT}),$

$\forall x \text{is_a}(x, \text{PLANT}) \rightarrow \text{is}(x, \text{ALIVE}).$

Deep semantics ("modal experience")

