



ProofTree



?  $\vdash$  BirthdayBook = [ known :  $\mathbb{P}$  NAME ; birthday : NAME  $\leftrightarrow$  DATE | known = dom birthday ]

?  $\vdash$  BirthdayBook ::  $\mathbb{P}$  [ D | true ]

✓  $\vdash$  BirthdayBook hasDefn [ known :  $\mathbb{P}$  NAME ; birthday : NAME  $\leftrightarrow$  DATE | known = dom birthday ]

✓ oracle

Auto prove

Apply

Why not

Print node

TypecheckOracle