Transfer Principles

- Consider typed higher order logic as a high level view of set theory
- HOL types corresponds to ST sets
- HOL terms corresponds to members of V
- Transfer principles move theorems between HOL and ST
  - `HOL2ST` moves theorems from HOL to ST
  - `ST2HOL` moves theorems from ST to HOL
  - `CTYPE` moves typings from HOL to ST
- ST definitional principles for HOL
  - define HOL types in terms of ST sets
  - define HOL constants in terms of ST sets
- Transfer whole theories from HOL to ST