Set Theory Or Higher Order Logic?

- Answer: BOTH
- Set theory is a more flexible foundation
- Types improve specification
  - type system should be customisable
- Proposed solution:
  - start with higher-order set theory
  - support type theoretic notations on top
- Research questions:
  - is this general scheme good
  - can types-as-sets be made practical
    - i.e. as efficient as native type theories
  - are 'soft types' really useful

THE END